



**Defense Fuel Support Point
Norwalk, California**

First Semiannual 2021 Groundwater Monitoring Report

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Kinder Morgan, Inc.



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¹ GeoTracker website: <https://geotracker.waterboards.ca.gov/>

Acronyms and Abbreviations

µg/L	microgram(s) per liter
1,2-DCA	1,2-dichloroethane
amsl	above mean sea level
Apex	Apex Companies
bgs	below ground surface
Blaine Tech	Blaine Tech Services, Inc.
BTEX	benzene, toluene, ethylbenzene, and total xylenes
CH2M	CH2M HILL Engineers, Inc., now Jacobs Engineering Group Inc.
CIMIS	California Irrigation Management Information System
DFSP	Defense Fuel Support Point
DIPE	di-isopropyl ether
DLA	Defense Logistics Agency - Energy
EPA	U.S. Environmental Protection Agency
ETBE	ethyl tertiary butyl ether
ft/ft	foot per foot
GWE	groundwater extraction
GWTS	groundwater treatment system
HDPE	high-density polyethylene
Jacobs	Jacobs Engineering Group Inc.
JP-4	jet propellant 4
JP-5	jet propellant 5
JP-8	jet propellant 8
Kinder Morgan	Kinder Morgan, Inc.
LGAC	liquid-phase granular activated carbon
LNAPL	light nonaqueous phase liquid
MCL	maximum contaminant level
MTBE	methyl tertiary butyl ether
ND	nondetect
NPDES	National Pollutant Discharge Elimination System
NSZD	natural source zone depletion
OWS	oil-water separator
PVC	polyvinyl chloride
QA	quality assurance
QC	quality control

RAB	Restoration Advisory Board
RTO	regenerative thermal oxidizer
RWQCB	Regional Water Quality Control Board, Los Angeles Region
SCAQMD	South Coast Air Quality Management District
scfm	standard cubic feet per minute
SFPP	SFPP, L.P.
SGI	The Source Group, Inc.
site	Defense Fuel Support Point, Norwalk, California
SVE	soil vapor extraction
SWRCB	California State Water Resources Control Board
TAME	tertiary amyl methyl ether
TBA	tertiary butyl alcohol
TFE	total fluids extraction
TPH	total petroleum hydrocarbons
TPH-d	total petroleum hydrocarbons quantified as diesel
TPH-g	total petroleum hydrocarbons quantified as gasoline
VOC	volatile organic compound

1. Introduction

On behalf of SFPP, L.P. (SFPP), an indirect subsidiary of Kinder Morgan, Inc. (Kinder Morgan), and the Defense Logistics Agency (DLA), this semiannual groundwater monitoring report has been prepared by Jacobs Engineering Group Inc. (Jacobs), to summarize the results of groundwater monitoring activities conducted at the Defense Fuel Support Point (DFSP), Norwalk, California (site) during the first half of 2021. The site location and vicinity are shown on Figure 1.

The results documented in this report are based on groundwater monitoring conducted in accordance with sampling and analysis plans prepared by SFPP (CH2M², 2013) and DLA (Parsons, 2013). The Regional Water Quality Control Board, Los Angeles Region (RWQCB) (herein referred to as the Regional Board) approved the sampling plans on June 27, 2013, and October 23, 2013, respectively (RWQCB, 2013a, 2013b).

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

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

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

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

Additional background information regarding previous investigations and monitoring events at the site is presented in previously submitted semiannual groundwater monitoring reports.

Groundwater monitoring wells and remediation wells are monitored on a semiannual basis to evaluate groundwater flow and groundwater quality conditions. This report provides information pertaining to the first semiannual groundwater monitoring event of 2021 (conducted May 3 through May 12, 2021) and includes groundwater gauging and sampling data from selected wells throughout the site and from wells located offsite. This report also provides a summary of remediation progress for the first half of 2021 and an updated description of the status of the dissolved-phase and liquid-phase hydrocarbon plumes.

² CH2M is now part of Jacobs.

2. Field and Laboratory Activities

2.1 Semiannual Groundwater Monitoring

Groundwater levels were gauged and samples were collected by Blaine Tech and SGI/Apex May 3 through May 12, 2021. Water levels were measured in 192 wells, of which 16 were dry. Three Exposition aquifer wells were gauged more than once because they are included in the sampling and analysis plans for both SFPP and DLA (EXP-1, EXP-2, and EXP-3). In total, 130 samples were collected from 126 wells, including duplicate samples from four wells: EXP-1, EXP-2, EXP-3, and GMW-14R, and 14 duplicate samples. Groundwater samples were not collected at wells containing measurable free product.

Sampling was conducted using low-flow sampling methods, as described in Section 2.2. Tables 2 and 3 list the wells that were gauged and sampled during the first semiannual 2021 event, respectively, and provide their associated groundwater elevations and analytical results. Well gauging and sampling records for the semiannual event are provided in Appendix A.

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

One well monitored by SFPP, GMW-O-15, was gauged but not sampled due to a pump obstruction.

2.2 Field and Laboratory Methods

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

2.2.1 Field Methods

SFPP groundwater extraction and treatment operations were suspended on February 23, 2021. SFPP biosparge operations in the southeastern portion of the site remained operational during the monitoring event. SFPP soil vapor extraction operations remained operational throughout the event. SGI shut down remedial systems approximately 1 week prior to monitoring events. Field technicians used an electronic oil-water interface probe to measure the depth to water and free product thickness in wells containing measurable free product. The down-well field instruments used to gauge the wells were cleaned with a laboratory-grade, nondetergent cleaner, and then rinsed successively in two containers with distilled water before each use.

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

Water samples were collected after groundwater field parameters stabilized (defined as less than 10 percent change between successive measurements). All water samples to be analyzed for volatile organic compounds (VOCs), TPH-g, and TPH-d were collected in 40-milliliter volatile organic analysis (VOA) vials containing

hydrochloric acid preservative, filled slightly above the top of the vial to form a positive meniscus (zero headspace), and sealed with Teflon septa and airtight caps, except for DLA's water samples for TPH-d analysis, which were collected in 250-milliliter amber bottles and sealed with Teflon-lined airtight caps. The samples were labeled and placed on ice for transport to the laboratory following proper chain-of-custody procedures.

2.2.2 Laboratory Analytical Methods

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

3. Groundwater Gauging Results

Measurements of groundwater levels and free product thickness collected during the semiannual monitoring event are described in this section. SFPP groundwater extraction and treatment operations were suspended on February 23, 2021. SFPP biosparge operations in the southeastern portion of the site remained operational during the monitoring event. SFPP soil vapor extraction operations remained operational throughout the event. SGI/Apex shut down remedial systems approximately 1 week prior to monitoring events.

Free product thickness, depth to groundwater, and calculated groundwater elevations are presented in Table 2. Groundwater elevations in SFPP wells with measurable free product were corrected for water-product density differences using the estimated specific gravity for the free product (ranging from 0.75 to 0.83, based on field measurements collected during baildown testing conducted in 2014). The measured product thickness was multiplied by the specific gravity value and then added to the measured groundwater elevation (resulting in the "corrected groundwater elevation" values in Table 2). Groundwater elevation contours for the uppermost groundwater zone, along with the estimated extent of free product, are shown on Figure 2. Historical groundwater level measurements, free product thicknesses, and groundwater elevations are presented in Appendix C.

In keeping with precedent, wells meeting at least one of the following criteria were not considered in contouring groundwater elevation in the uppermost groundwater zone (and are denoted with an asterisk "*" in the well name on Figure 2):

- Wells screened in the deeper Exposition aquifer (denoted as "EXP" wells), which is separated from the uppermost groundwater zone by the Bellflower aquitard (CH2M, 2013a);
- Wells screened near the bottom of the uppermost aquifer (denoted as "MID" wells) because they have been determined over time to be less representative of conditions in the uppermost groundwater zone;
- Other wells with groundwater elevations that were inconsistent with surrounding groundwater elevations, which could be due to natural siltation causing occlusion of a portion of well screens.

3.1 Groundwater Flow Conditions

3.1.1 Uppermost Groundwater Zone

During the first semiannual 2021 monitoring event, groundwater elevations used in contouring the potentiometric surface of the uppermost groundwater zone ranged from 36.78 feet above mean sea level (amsl) in GMW-35R (in the northeast portion of the site) to 46.24 feet amsl at GMW-O-15 (in the southeast portion of the site). Overall, groundwater elevations across the site dropped by an average of 0.61 foot compared to the second semiannual 2020 monitoring event (SGI, 2020). Groundwater elevations were lower in 134 wells during this monitoring event compared to the previous event, with the largest decrease at MW-8 (-4.24 feet), located in the southeast portion of the site. The groundwater level in a minority of wells increased from the previous monitoring event, with the largest increase at GMW-O-16 (+4.5 feet), which is located in the southeastern portion of the site.

Compared to May 2020, year-over-year groundwater elevations across the site decreased an average of 0.63 foot, with the largest decrease observed at GMW-35R (-5.0 feet) in the northeastern area. Groundwater elevations in 140 wells were lower than those reported in May 2020.

The estimated average horizontal hydraulic gradient during this event was 0.008 foot per foot (ft/ft) in the central portion of the site. Groundwater flow at the site is primarily converging toward groundwater depressions and diverging away from groundwater mounds. The potentiometric surface interpreted from the May 2021

gauging data is relatively similar to that reported in October 2020 (SGI/Apex, 2020). As shown on Figure 2, several groundwater depressions are interpreted in the south-central area, focused primarily around GMW-O-21, MW-O-2. Groundwater depressions are also present in the north-central area around TF-24, GMW-16; in the northwestern area around GMW-3; and in the northeastern area around GMW-35R, GMW-48, GMW-57, GMW-58 and TF-21. Groundwater elevations at interpreted depressions decreased a maximum of approximately 3.0 feet. Interpreted groundwater mounds are present in the south-central area around GMW-O-11, GMW-O-12, MW-SF-12, GMW-O-14 and GMW-29; southeast area around GMW-36, GMW-O-15, and GMW-O-16, GMW-O-18, GMW-O-19, MW-8, and PZ-5; northeastern area around GW-16; and north-central area around RTF-18-NW, RTF-18-NNW and GMW-56. Groundwater elevations at interpreted mounds increased a maximum of approximately 4.0 feet. Generally, interpreted groundwater depressions and mounding are likely attributed to operation of remediation systems and natural heterogeneities in the aquifer.

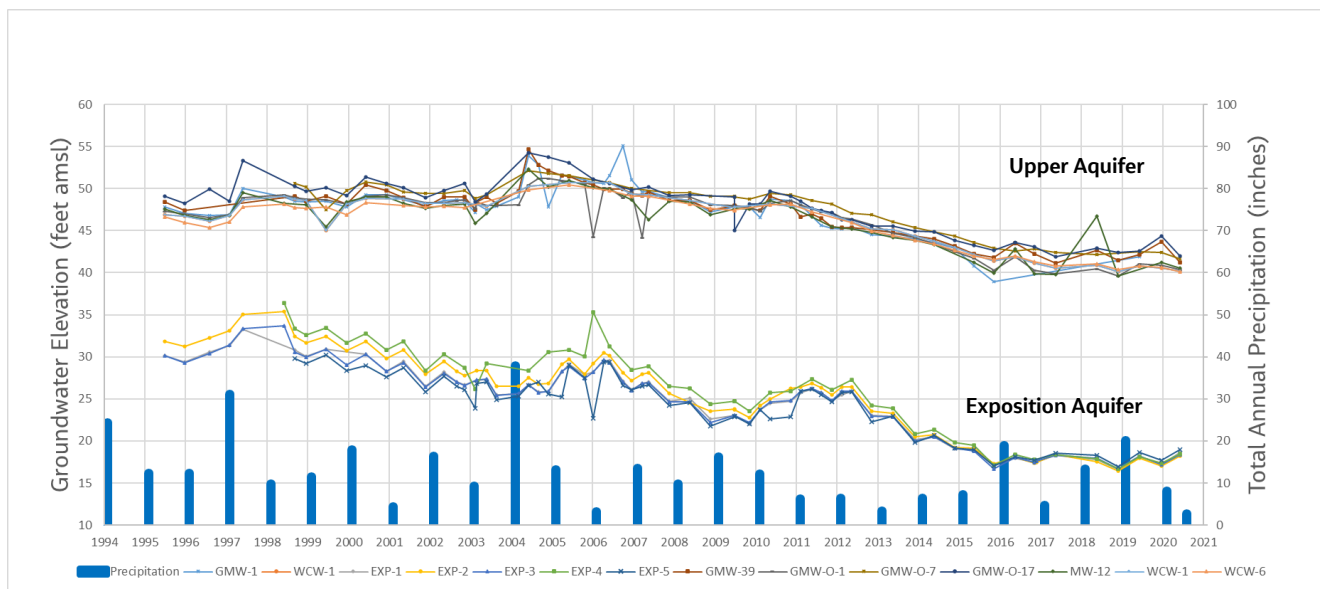
Groundwater levels in MW-18 (MID), MW-19 (MID), MW-20 (MID), MW-21 (MID), and MW-22 (MID), screened in the lower section of the uppermost aquifer, varied from groundwater levels measured in nearby wells installed in the upper portion of the uppermost aquifer. Groundwater elevations in these five "MID" wells ranged from 36.49 feet amsl in MW-19 (MID) to 40.49 feet amsl in MW-21 (MID) during May 2021.

3.1.2 Exposition Aquifer

Groundwater levels measured in the five Exposition aquifer wells, EXP-1 through EXP 5, located on and near the site, ranged from 18.23 feet amsl in EXP-2 (in the southwestern area) to 18.94 feet amsl in EXP-5 (in the southeast corner of the gauging area, east of Seaforth Avenue). Figure 3 shows the inferred groundwater elevation contours, groundwater flow direction and estimated horizontal hydraulic gradients for the Exposition aquifer in May 2021. Groundwater elevations in the Exposition aquifer were between no change and 0.45 foot higher than those measured during the first semiannual 2020 event (Jacobs, 2020b), and ranged from no change to 1.46 feet higher than those measured in October 2020 (SGI/Apex, 2020). In the central and northwestern portions of the site, the horizontal hydraulic gradient in May 2021 was 0.0001 ft/ft toward the east-southeast. In the eastern and southeastern offsite areas, the gradient was 0.0007 ft/ft toward the northwest. The overall groundwater flow pattern is distinct from that observed during the second half 2020 event (SGI/Apex, 2020), but is similar to what was observed during the May 2020 monitoring event (Jacobs, 2020b). The groundwater flow direction in the Exposition aquifer is significantly different from the flow direction observed in the uppermost groundwater zone.

As indicated in Exhibit 1, groundwater elevations in both the uppermost aquifer and Exposition aquifer have been trending downward since the 1990s, correlating with ongoing drought conditions in Southern California.

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



CIMIS, 2021

3.2 Distribution of Free Product

During this semiannual monitoring event, measurable free product was observed in nine wells:

- North-central area: TFR-22, TFR-24, TFR-29, RTF-18-E
- Eastern area: GMW-68
- South-central area: GMW-O-12 (offsite)
- Southwestern area: GMW-23, GMW-29 and GMW-30

Free product was detected at thicknesses ranging from 0.02 foot in GMW-68 to 5.35 feet in well GMW-23. Free product thicknesses, well gauging data, and groundwater elevations are summarized in Table 2. Detections of free product in these wells during this monitoring event were used in interpreting the current extent of free product at the site. These interpretations are shown on Figure 2 and indicate the presence of free product in the northern tank farm area (the north-central area), the eastern area, south-central area, and southwestern area.

Free product thicknesses measured in wells in the north-central area ranged from 0.15 foot in TFR-24 to 3.72 feet in TFR-22. Compared to the May 2020 event, light nonaqueous phase liquid (LNAPL) is no longer present in wells RTF-18-NNW and RTF-18-NW, and thickness values decreased in TFR-29. LNAPL was not detected at RTF-18-NNW and RTF-18-NW this monitoring event but was detected during the second quarter 2020 event. Compared to the May 2020 event, thickness values increased an average of 0.74 foot at wells RTF-18-E, TFR-22, TFR-24, and TFR-29, with a maximum increase of 3.16 feet at TFR-22. Compared to the October 2020 monitoring event, LNAPL thicknesses increased an average of 1.9 feet in wells RTF-18-E, TFR-22, and TFR-29, with a maximum increase of 3.02 foot at TFR-29. Free product was detected at TFR-24 this monitoring event, but not during the October 2020 event.

In the eastern area, the extent of free product was interpreted based on a measured free product thickness of 0.02 foot in well GMW-68. Product thickness has ranged between 0.01 and 0.02 foot since 2019 and remains constant. Free product at GMW-58 was not detected during this event.

In the south-central area, product was detected at offsite extraction well, GMW-O-12, at a thickness of 0.61 foot. Compared to the May 2020 monitoring event, the LNAPL thickness at this well increased 0.30 foot. Compared to October 2020 monitoring data, the LNAPL thickness decreased 0.77 foot. The overall historic LNAPL footprint at this well has contracted. The decrease in product thickness, as well as the overall reduction in free product extent in the onsite south-central area, is likely a result of biosparging that was implemented from 2016 through 2020 (further details regarding biosparging operations are provided in Section 5.1).

Free product was detected in the southwestern area at wells GMW-23, GMW-29, and GMW-30 with at a measurable thickness of 5.35 feet, 0.38 foot and 0.04 foot, respectively. Detectable product was not observed at wells GMW-29 and GMW-30 during October 2020 monitoring events. Compared to May and October 2020 events LNAPL thickness increased at GMW-23 by 3.89 feet and 1.50 feet, respectively.

Free product was not observed in the southeastern area in May 2021. Free product was not detected in this area during the 2020 monitoring events.

The overall mapped extent of free product across the site is similar to conditions in May 2020, where nine wells also contained measurable product thicknesses, and moderately larger than the October 2020 extent where six wells contained measurable LNAPL. The difference between the two events is likely due to seasonal influence. Due to diminishing returns in removing residual LNAPL using the hydraulic control remedy in the SFPP treatment areas, pneumatic fluid recovery was temporarily suspended in February 2021, conditionally transitioning exclusively to soil vapor extraction (SVE), air sparging, and natural source zone depletion (NSZD) (see Section 5.1 for more detail).

4. Groundwater Quality

This section presents the groundwater analytical laboratory testing results for the first semiannual 2021 monitoring event, related quality assurance/quality control (QA/QC) procedures, waste management activities, and health and safety protocol.

4.1 Results for the First Semiannual 2021 Groundwater Monitoring Event

The first semiannual 2021 groundwater monitoring analytical results for TPH, benzene, 1,2-DCA, MTBE, and TBA were used to develop isoconcentration contours and interpret the extent of these analytes in groundwater beneath the site. The contours for TPH, benzene, 1,2-DCA, MTBE, and TBA are shown on Figures 4 through 8, respectively. Analytical results from this semiannual monitoring event and the two previous semiannual monitoring events (October 2020 and May 2020) are also posted on these figures. The data labels are color-coded to indicate whether concentrations from the May 2021 semiannual event are increasing, decreasing, or stable compared to concentrations from the May 2020 semiannual event. A blue data label indicates a decrease in concentration greater than or equal to 10 percent year-over-year, a red label indicates an increase greater than or equal to 10 percent year-over-year, and a white label indicates that the change is less than 10 percent year-over-year or the change could not be determined because of insufficient data.

Laboratory analytical results for TPH, BTEX, 1,2-DCA, MTBE, TBA, di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), and tertiary amyl methyl ether (TAME) are summarized in Table 3; other VOCs analyzed by EPA Method 8260B are summarized in Table 4. Historical analytical results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME are presented in Appendix D. Time series charts for select monitoring and remediation wells are presented in Appendix E. Copies of the laboratory reports for the May 2021 semiannual monitoring event are presented in Appendix B.

The following subsections summarize the results for selected analytes or analyte groups.

4.1.1 Total Petroleum Hydrocarbons

The analytical results for TPH-g and TPH-d reported for each well during the first semiannual 2021 monitoring event are summed and contoured as "TPH" on Figure 4. Where both TPH-g and TPH-d were detected, the TPH concentration included in the isoconcentration contour represents the sum of the detected concentrations. Where only one of the components was detected, that value was used in the isoconcentration contouring. The concentrations of TPH-g and TPH-d components are listed separately in Table 3.

TPH-g was detected in 19 wells at the site in May 2021, with a maximum reported concentration of 27,000 micrograms per liter ($\mu\text{g/L}$) in TF-18 located in the northeastern area. TPH-d was detected in 67 wells, with a maximum reported concentration of 61,000 $\mu\text{g/L}$ in MW-SF-6, located in the south-central area.

As shown on Figure 4, 30 wells had TPH concentrations that changed by more than 10 percent relative to the May 2020 sampling event:

- The largest decrease was reported at GMW-62 (132,200 $\mu\text{g/L}$ in May 2020 to 7,200 $\mu\text{g/L}$ in May 2021), located in the northeastern area of the site. These concentrations are within the historical range for this well, as indicated by the data provided in Appendix D.
- The largest increase occurred at MW-SF-6 (3,100 $\mu\text{g/L}$ in May 2020 to 61,000 $\mu\text{g/L}$ in May 2021), located in the southeastern area. This concentration is a historical high for this well, as indicated by the data provided in Appendix D.

- Wells in which TPH was detected during May 2020 but not detected in May 2021 include GMW-58, GMW-67, GMW-O-16, GW-3, GW-13, GWR-1R, HL-2, MW-9, WCW-4 and WCW-7.
- Wells at which TPH concentrations were nondetect (ND) in May 2020, but detected in May 2021 include GMW-31, GMW-41, GMW-42, GMW-48, GMW-61, GMW-64, GMW-O-17, GW-8, GW-15, GW-16, MW-8, MW-26, MW-27, PW-3, and TF-9R.

Additionally, the following wells contained concentrations of TPH-g and/or TPH-d in May 2020 that represent new historical minimum or maximum concentrations (excluding wells with fewer than three data points):

- New historical minimum TPH-g concentration: GMW-62
- New historical maximum TPH-g concentration: TF-17R and TF-23.
- New historical minimum TPH-d concentration: GMW-15, GMW-18, GMW-35R, GMW-57, GMW-O-23, GMW-15, MW-SF-13, and TF-20R.
- New historical maximum TPH-d concentration: GMW-61, GMW-O-11, PW-3, TF-15, TF-18, TF-23, and TF-23.

The areal extent of TPH shown on Figure 4 is relatively similar to the extent inferred during the October 2020 monitoring event (SGI/Apex, 2020). Other observations regarding the May 2021 TPH plumes (and specifically, significant changes relative to the October 2020 monitoring event) include the following:

- Northwestern offsite area:
 - TPH was detected at MW-22 (MID) during the fourth quarter 2020 event but was non-detect during the second quarter 2021 event.
- Western area:
 - PW-3 had detectable TPH this event at 180 µg/L but was not detected during the October 2020 event.
- Southeastern area:
 - TPH concentrations decreased significantly from fourth quarter 2020 to present. The detected TPH concentration at GMW-O-18 was 14,400 µg/L during October 2020 and 6,300 µg/L this reporting period.
- TPH was not detected in any Exposition aquifer wells this reporting period.

4.1.2 Benzene

Figure 5 presents the benzene isoconcentration contours interpreted from groundwater data collected during the May 2021 semiannual monitoring event. The California primary maximum contaminant level (MCL) for benzene is 1 µg/L (SWRCB, 2017). Analytical results indicate that benzene was detected in 15 wells in May 2021, and detected concentrations ranged from 0.72 µg/L at GMW-12 (last detection in 1998) to a maximum of 4,100 µg/L in southcentral area well MW-O-2. Excluding wells with fewer than three data points, new historical minimum benzene concentrations were reported at GMW-35R, GMW-62, TF-15, and TF-18. No, historic maximum benzene concentrations were reported this monitoring period.

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

- Decrease: GMW-35R, GMW-36, GMW-45, GMW-47, GMW-57, GMW-62, GMW-67, GMW-69, GMW-O-18, MW-O-2, MW-SF-4, MW-SF-13, MW-SF-15, PZ-5, TF-15, TF-16, TF-17R, TF-20R and TF-23.
 - The largest decrease was reported at MW-O-2, located in the southcentral area of the site, which decreased from 5,500 µg/L in May 2020 to 4,100 µg/L in May 2021. Benzene concentrations at this well have historically ranged from 87 µg/L to 17,000 µg/L (in November 2013).

- Increase: GMW-7, GMW-12, GMW-19, GMW-O-20, GMW-O-21 and MW-SF-6.
 - The largest increase occurred at GMW-O-21, located in the offsite south-central area, which increased from <0.5 µg/L in May 2020 to 1,110 µg/L in May 2021. Detected benzene concentrations at this well have historically ranged from 14 µg/L to 97,000 µg/L (in October 2010).
- Detect to ND: GMW-35R, GMW-36, GMW-47, GMW-57, GMW-67, GMW-O-18, MW-SF-4, MW-SF-13, MW-SF-15, PZ-5, TF-20R and TF-23.
- ND to Detect: GMW-12 and GMW-O-21.

Overall, the areal extent of benzene shown on Figure 5 is similar to the extent inferred during the October 2020 monitoring event (SGI/Apex, 2020). Other observations regarding the May 2021 benzene plumes (and specifically, significant changes relative to the October 2020 monitoring event) include the following:

- Northern area:
 - The extent of benzene has decreased due to non-detections at TF-23 and GMW-35R, and a decrease in concentration at GMW-68 and GMW-69. The benzene plume around LNAPL containing well GMW-68 has expanded west to include GMW-62, which did not contain product during the October 2020 event.
- South-central area:
 - Concentrations at MW-O-2, GMW-O-21 and GMW-O-14 decreased relative to the second 2020 semiannual event.
- Southwestern area
 - The plume extent around GMW-23 has expanded to the south/southwest since October 2020 due to the presence of measurable LNAPL in wells GMW-29 and GMW-30.
- Southeastern area:
 - The plume around GMW-O-18 present during the October 2020 monitoring event was absent during the May 2021 event.
- Benzene was not detected in wells west of the site or in any of the Exposition aquifer wells.

4.1.3 1,2-Dichloroethane

Figure 6 presents the 1,2-DCA isoconcentration contours interpreted from groundwater data collected during the May 2021 semiannual monitoring event. The California primary MCL for 1,2-DCA is 0.5 µg/L (SWRCB, 2017). Analytical results reported during this semiannual event indicate that 1,2-DCA was detected in 8 wells, and detected concentrations ranged from 0.76 µg/L to a maximum of 6.4 µg/L in western offsite well area well WCW-7. No historic maximum values were recorded this reporting period.

As shown on Figure 6, the following wells had 1,2-DCA concentrations that increased or decreased by more than 10 percent relative to April 2019:

- Decrease: GMW-O-10, GW-13, GWR-1R, MW-6, MW-19 (MID), and MW-20 (MID).
 - The largest decrease was reported at MW-20 (MID), located in the western area, which decreased from 12 µg/L in May 2020 to 2.0 µg/L in May 2021. Over the period of record, detected 1,2-DCA concentrations at this well have ranged from 0.65 µg/L to 2,200 µg/L (in May 2001).
- Increase: MW-21 (MID), WCW-3 and WCW-6.
 - The largest increase was reported at MW-21 (MID), located in the western area, which increased from 0.93 µg/L in May 2020 to 1.9 µg/L (duplicate sample) in May 2021. Over the period of record, detected 1,2-DCA concentrations at this well have ranged from 0.54 µg/L to 75 µg/L (in May 1999).

- Detect to ND: GMW-O-10, GW-13 and GWR-1R.
- ND to Detect: WCW-3.
- 1,2-DCA is primarily present in the west/northwest.

The areal extent of 1,2-DCA presented on Figure 6 is nearly identical to that inferred in October 2020 (SGI, 2020), with minor expansion to the north due to detection at WCW-7 this event. As listed in Appendix D and shown on Figure 6, concentrations of 1,2-DCA in groundwater in the vicinity of the inactive West Side Barrier (located near the main entrance to the site) and in the western offsite area have remained consistently low. Pumping of the West Side Barrier wells was discontinued in August 2008; groundwater quality conditions in the area have been stable since then and will continue to be monitored. The West Side Barrier will remain inactive until and unless concentrations in groundwater warrant reactivation.

4.1.4 Methyl Tertiary Butyl Ether

Figure 7 presents the MTBE isoconcentration contours interpreted from groundwater data collected during the May 2021 semiannual monitoring event. MTBE was detected in 20 wells in May 2021; concentrations ranged from 0.56 µg/L at MW-SF-13 to a maximum of 270 µg/L in southeastern offsite well PZ-5. With the exception of wells MW-O-2, PZ-5 and TF-23, which had concentrations ranging from 20 µg/L to 270 µg/L, detections were below the California primary MCL for MTBE (13 µg/L) (SWRCB, 2017).

Excluding wells with fewer than three data points, a new historical minimum MTBE concentration was reported at GMW-35R and GMW-O-11. No new historical maximum concentrations was recorded this period.

As shown on Figure 7, the following wells had MTBE concentrations that changed by more than 10 percent relative to May 2020:

- Decrease: GMW-9, GMW-35R, GMW-36, GMW-47, GMW-O-14, MW-6, MW-9, MW-20 (MID), MW-27, MW-O-2, MW-SF-6, MW-SF-15 and WCW-6.
 - The largest decrease was reported at MW-O-2, located in the southcentral area, with a detected concentration of 49 µg/L in May 2020 and 32 µg/L this reporting period. Over the period of record, MTBE concentrations at this well have ranged from 18 µg/L to 900 µg/L (in April 2014).
- Increase: GMW-25, GMW-O-16, GMW-O-18, GMW-O-20, GMW-O-23, MW-18 (MID), MW-21 (MID), MW-22 (MID), PZ-2, PZ-5, TF-23 and WCW-7.
 - The largest increase was reported at PZ-5, located in the southeastern offsite area, which increased from 4.0 µg/L in May 2020 to 270 µg/L in May 2021. Over the period of record, MTBE concentrations at this well have ranged from 2.2 µg/L to 150,000 µg/L (April 2014).
- Detect to ND: GMW-7, GMW-9, GMW-35R, GMW-36, MW-6, MW-9, MW-27, MW-SF-6, and WCW-6.
- ND to Detect: GMW-25 and MW-22 (MID).

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

- Northwestern area:
 - The plume extent to the west has been partitioned with non-detected concentrations at MW-6 and MW-27, with separate main plumes to the north (around MW-25) and south (around MW-20).

- Southcentral area:
 - With detection in well GMW-O-14 this event, the dissolved extent has expanded to the southeast.
- MTBE was detected in one Exposition aquifer well (EXP-2) at a concentration of 0.60 µg/L, which is within the historical range.

4.1.5 Tertiary Butyl Alcohol

Figure 8 presents the TBA isoconcentration contours interpreted from data collected during the May 2021 semiannual monitoring event. The California notification level for TBA is 12 µg/L (there is no MCL for TBA) (SWRCB, 2017). Analytical results indicate that TBA was detected in 12 wells in May 2021, and detected concentrations ranged from 12 µg/L to a maximum of 11,000 µg/L in PZ-5 (duplicate sample), which is located in the southeastern area offsite. Excluding wells with fewer than three data points, new historical minimum TBA concentrations were reported at GMW-35R (first non-detect), GMW-36 (less than 10 µg/L during first quarter 2021 supplemental monitoring period), GMW-O-11, and PZ-5, and new historical maximum concentrations were reported at TF-17R (first detected concentration) and MW-O-1.

As shown on Figure 8, the following wells had TBA concentrations that increased or decreased by more than 10 percent relative to May 2020:

- Decrease: GMW-18, GMW-35R, GMW-36, GMW-47, GMW-57, GMW-O-20, MW-20 (MID), MW-O-2, MW-SF-6, MW-SF-15, and PZ-5, GMW-O-18, MW-18 (MID), MW-19 (MID).
 - The largest decrease was reported at PZ-5, located in the southeastern area, which decreased from 100,000 µg/L in May 2020 to 11,000 µg/L in May 2021. Over the period of record, detected TBA concentrations at this well have ranged from 11,000 µg/L (duplicate sample) (this event) to 2,800,000 µg/L (in April 2014).
- Increase: GMW-28, GMW-O-14, TF-17R, and TF-23.
 - The largest increase was reported at TF-23, located in the northern area, which increased from 270 µg/L in May 2020 to 810 µg/L in May 2021. Over the period of record, detected TBA concentrations at this well have ranged from 92 µg/L to 1,300 µg/L (in the fourth quarter 2020).
- Detect to ND: GMW-18, GMW-35R, GMW-47, GMW-57, GMW-O-20, MW-20 (MID), MW-O-2, MW-SF-6, and MW-SF-15.
- ND to Detect: TF-17R.

Overall, the areal extent of TBA in groundwater beneath the site presented on Figure 8 nearly identical to that reported during the October 2020 monitoring event (SGI/Apex, 2020). Other observations regarding the May 2021 TBA plumes (and specifically, significant changes relative to the October 2020 monitoring event) include the following:

- Northeastern area:
 - Due to non-detections at wells GMW-47 and GMW-57 this event compared to the October 2020 event, the TBA plume contracted to the west.
- TBA was not detected in wells west of the site or in any of the Exposition aquifer wells.

4.1.6 Other Fuel Oxygenates

Pursuant to the Regional Board's request in March 2009, analysis for other fuel oxygenates including ETBE, DIPE, TBA, and TAME using EPA Method 8260B was included in the May 2021 sampling event (RWQCB, 2009a, 2009b). Analytical data for these compounds are provided in Table 4. DIPE was detected in 12 wells – GMW-28,

GMW-O-11, GMW-O-14, GMW-O-20, GMW-O-23, MW-19 (MID), MW-20 (MID), MW-SF-1, MW-SF-4, MW-SF-6, MW-SF-15 and WCW-7 with concentrations ranging from 12 µg/L at MW-19 (MID) to 11,000 µg/L at PZ-5 (duplicate sample). DIPE was detected in twelve wells – GMW-28, GMW-O-11, GMW-O-14, GMW-O-20, GMW-O-23, MW-19 (MID), MW-20 (MID), MW-SF-1, MW-SF-4, MW-SF-6, MW-SF-15, and WCW-7 with concentrations ranging from 1.7 µg/L at MW-20 (MID) to 58 µg/L at GMW-O-14 (duplicate sample). ETBE and TAME were not detected in any samples this reporting period. There are no MCLs for TBA, TAME, ETBE, or DIPE.

4.2 Quality Assurance/Quality Control

Jacobs performed a data quality evaluation of groundwater samples collected by BlaineTech Services and submitted to Alpha Analytical, Inc. This evaluation does not include samples collected by SGI/Apex. There are no significant QA/QC issues with the analytical work performed as part of the May 2021 semiannual event. A total of seven field duplicates, eight equipment blanks, and three trip blanks were collected between May 4 and May 6, 2021. Field blanks were reviewed to ascertain field compliance and data quality issues. The field blanks were free of contamination that would affect the sample results. Groundwater analytical results regarding field duplicates, trip blanks, and equipment blanks are summarized in Tables 5 and 6.

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

4.3 Water Disposal

Due to the groundwater extraction system being suspended in February 2021, purged groundwater generated by SFPP during this monitoring event was contained in 55-gallon drums, and following waste profiling, was classified, and disposed of at an appropriate waste handling facility. In previous events, purged groundwater generated by SFPP was treated in the SFPP system located in the south-central area and discharged under National Pollutant Discharge Elimination System (NPDES) Permit No. CA0063509.

Purged groundwater generated by DLA was treated in the DLA system located in the northern part of the site and discharged under the Sanitation Districts of Los Angeles County Industrial Wastewater Discharge Permit number 22453.

4.4 Health and Safety

Field activities were conducted in accordance with site-specific health and safety procedures, including the COVID-19 protocol for safe work practices during the field portion of the project. Personnel working at the site were required to adhere to the health and safety program.

5. Remediation System Operations and Effectiveness

5.1 System Operations

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

5.1.1 DLA

Remediation technologies used at the site by DLA consist of groundwater extraction (GWE), SVE, biosparging, and recovery of free product. DLA conducts GWE from two pumping wells (GMW-31 and GW-14R) in the central area of the site, and from one well (GW-16) in the northeastern area bordering Holifield Park. The GWE system is designed to contain and reduce the extent of the free product and dissolved plumes. The system was shut down on February 27, 2019, pending approval of the sewer discharge permit application. The GWE system was restarted on October 10, 2019 and is operating in accordance with the Sanitation Districts of Los Angeles County Industrial Wastewater Discharge Permit (SGI, 2021).

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

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

Product removal at the Site is accomplished via both physical and automated processes. Select wells are gauged for floating product, and product removal is conducted via manually bailing, active pumping using a portable product skimmer, and/or by utilizing absorbent socks installed based on the measured LNAPL thickness in each target well. Startup of an automated free product recovery system occurred on August 8, 2016, following the completion of permitting and well installation. The system consists of pneumatically activated product-removal pumps deployed in key wells located in the north-central portion of the site, including wells TFR-9, GMW-18, TFR-12, TFR-14, TF-15, TFR-15, TF-16, GW-14R, TFR-22, TFR-24, TFR-29, and TFR-33, RTF-18-E, RTF-18-NW, RTF-18-N, TF-18, RTF-18-NNW and RTF-18-W. The automated free product recovery operations were temporarily halted at the site during construction and remedial piping installation. In 2017, DLA installed 118 additional remediation wells including SVE wells, biosparge points, and free product recovery wells (initial phase of product recovery well expansion and tie-in activities completed during early October 2018).

DLA conducted shallow soil remediation from January 2015 to March 2017 in accordance with the Regional Board-approved Soil Remedial Action Plan (SGI, 2014), Revised Field Sampling and Analysis Plan and Sampling Strategy (SGI, 2015a), Workplan for VOC Analysis Results Validation (SGI, 2015b), and Proposed Addendum to the Soil Cleanup Goals (SGI, 2015c). Soils in areas identified for remediation were excavated and treated onsite. Treatment was achieved via the construction of soil biopiles that were connected to the SVE system. A total estimated volume of 67,574 cubic yards of petroleum-hydrocarbon-contaminated soil was excavated at the site to depths up to 35 feet below grade. The goal of this remediation was to clean up source area soils that contributed to the degradation of groundwater, and ready the real property of the site for eventual conveyance. Verification sampling included soil sampling and sampling of soil gas probes. After the Regional Board reviewed confirmation sample results, the Regional Board approved use of the treated soil as backfill for the remedial excavations. Soil removal and treatment reports have been filed with the Regional Board, and the shallow soil remediation report for the eastern 15 acres of the site (SGI, 2016) has been approved by the Regional Board.

5.1.2 SFPP

Historically, Kinder Morgan has operated remediation systems consisting of SVE, horizontal biosparge, total fluids extraction (TFE) (extraction of free product and/or groundwater using a top-loading pump), GWE (extraction of groundwater using a bottom-loading pump), and treatment of extracted soil vapors and groundwater to address the south-central and southeastern areas of the site. The following system summaries have been excerpted from the SFPP Second Quarter 2021 Remediation Progress Report (Jacobs, 2021b).

Groundwater Treatment System

Generally, the TFE and GWE systems, collectively referred to as the groundwater treatment system (GWTS), were designed to contain and reduce the extent of free product, provide hydraulic capture of dissolved constituents of concern, and lower the free product surface (where present) and groundwater table, thus exposing more hydrocarbon-impacted soil for SVE. The GWTS processes free product and groundwater recovered from the south-central, offsite/south central, and southeastern parts of the site. Free product and groundwater recovered by pneumatically operated, top loading total fluid pumps and bottom-loading groundwater pumps are piped to a dissolved air flotation unit (oil-water separator [OWS]). Currently, groundwater is being extracted from well GMW-O-15 in the southeastern area and three wells in the offsite/south-central area, including GMW-O-11, GMW-O-20 and GMW-O-21, with plans to activate extraction wells MW-O-2 (offsite/south-central area), GMW-O-18 (southeastern area), and one additional well (to be determined) in the near term.

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

On February 23, 2021, as detailed in Jacobs *Request for Approval to Temporarily Suspend Hydraulic Control in the Southeastern and Offsite/South-Central Areas, SFPP Norwalk Pump Station, Norwalk, California* submitted to the Regional Board electronically on January 8, 2021, and conditionally approved by the Regional Board via electronic mail on January 20, 2021, Jacobs temporarily suspended the groundwater extraction system in all treatment areas. In addition to this, the following activities were conducted:

- Six of seven groundwater extraction pumps were removed (extraction pump at GMW-O-15 is stuck and will be removed mechanically in the third quarter 2021).

- Preparations for treatment train winterization for extended downtime commenced.
- GAC remains in the carbon vessels for potential future use.
- Condensate generated from SVE operation will be containerized in waste vessels and emptied by a waste contractor.

Horizontal Biosparge System

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

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

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

BS-01 remains offline as part of the NSZD pilot study being conducted at the site. BS-02 was turned on in May 2020 and is currently operating at a flow of 180 scfm. BS-03 was brought online May 2021 following the start of horizontal SVE well HSVE-01, described below, and is currently operating at an approximate flow of 250 scfm as of June 22, 2021.

Soil Vapor Extraction System

SVE is performed using a blower to remove soil vapors from the south-central and southeastern areas of the site. The extracted vapors are conveyed to a knock-out tank that separates entrained moisture from the soil vapors. Historically, accumulated moisture in the knock-out tank was treated by the main GWTS, but are now containerized for offsite disposal. The soil vapors are then treated in a regenerative thermal oxidizer (RTO) where VOCs are converted to carbon dioxide and water prior to being discharged to the atmosphere. Operation of the GWTS and SVE system is conducted in accordance with Permits to Operate (Permit No. G46188 A/N 578779 and No. G46187 A/N 578777) issued by the SCAQMD.

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

A new horizontal SVE well (HSVE-01) was installed in the offsite/south-central area in December 2019 and is designed to extract vapors created from operating the new horizontal biosparge well BS-03, described earlier. Horizontal SVE well HSVE-01 is constructed of 6-inch-diameter Schedule 10 stainless-steel casing and screen and was completed to a depth of approximately 20 feet bgs. The length of the HSVE-01 screen is 500 feet, and the total length of the well is 745 feet. A construction completion report documenting construction activities and specifications was submitted to the Regional Board in June 2020 (Jacobs, 2020a). HSVE-01 was brought online in May 2021, prior to initiating BS-03 operation, and is currently operating at a flow of approximately 500 scfm. SVE system influent concentrations remain below SCAQMD permit thresholds.

Natural Source Zone Depletion Pilot Study

As a potential adjunct interim remedy, in May 2020, Kinder Morgan implemented an NSZD performance monitoring pilot study in the south-central and southeastern areas of the site, as described in the NSZD Work Plan (Jacobs, 2019), and approved by the Regional Board in a letter dated April 8, 2020 (RWQCB, 2020). NSZD is a term used to describe the collective, naturally occurring processes of dissolution, volatilization, and biodegradation that result in mass losses of LNAPL petroleum hydrocarbon constituents from the subsurface. Under favorable conditions, NSZD processes are often capable of contaminant reduction rates on par with active remedies. Additional details are provided in quarterly remediation progress reports, available for review on GeoTracker.

Supplemental monitoring of select groundwater wells is conducted during the first and third quarter of each year as part of the NSZD pilot study. Results from these quarterly events is provided in Appendixes C and D.

5.2 System Effectiveness

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

- With the exception of detections of 1,2-DCA at WCW-3, WCW-6 and WCW-7, and MTBE at WCW-7, dissolved-phase constituents have not been detected offsite to the west, indicating the plumes in the western area generally have been contained onsite.
- Dissolved constituents appear to be confined to the site in the north-central/northeastern areas indicating remedial systems in these areas are effective in preventing migration offsite to the north.
- Relative to the October 2020 monitoring event, the offsite extent of TPH in the south-central and southeastern areas has remained relatively consistent. One notable change is the reduction in TPH concentrations in the southeastern area of the site, encompassing well GMW-O-18. This reduction is most likely related to biosparge well BS-02 operating in that area. The offsite extent of other dissolved-phase constituents in the vicinity is limited to areas north of Cheshire Street, consistent with previous monitoring events.

- The magnitude and extent of free product in the south-central area has declined substantially since April 2015. It is believed that the decrease in product thickness and areal extent is a result of biosparge operations that have been implemented in the south-central area since January 2016.

5.2.1 Summary of Hydrocarbon Mass Removal from the SFPP GWTS

A total of 405,432 gallons of groundwater was extracted from January 1 to February 23, 2021, before the system was deactivated. Approximately 109.2 million gallons of groundwater has been extracted from the south-central, southeastern, and West Side Barrier areas since GWTS operations first began in 1996. Pneumatic fluid extraction was suspended on February 23, 2021 per Jacobs request to the Regional Board for temporary suspension in the southeastern and offsite/south-central areas (Jacobs, 2021a).

Since 1995, a total of 14,426 gallons of product has been removed by TFE, vacuum truck, or manual bailing operations. Mass removal estimates between 1996 and 2005 are based on BTEX and MTBE concentrations in the groundwater influent (TPH data were not available) and total volume of extracted groundwater. Mass removal estimates between 2006 and 2011 are based on groundwater influent concentrations of TPH-g and TPH quantified as fuel product, and the total volume of extracted groundwater. Mass removal estimates between 2012 and the second quarter 2021 are based on groundwater influent TPH-total concentrations (TPH-total includes TPH-g, TPH-d, and TPH quantified as oil) and the total volume of extracted groundwater.

Since GWE first began in 1996, hydrocarbon mass removed by the GWTS is estimated to be 18,470 pounds. For 2021, the mass removal of hydrocarbons is calculated to be 5.0 pounds.

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

The southeastern biosparge system has operated for 4,169 hours in 2021. The biosparge system flow (air injection) rate has ranged from 80 to 194 scfm in 2021. The relatively lower flow reflects the gradual, stepwise startup process.

The offsite south-central biosparge well (BS-03) and horizontal soil vapor extraction well (HSVE-01) were brought online in May 2021. A summary of start-up operations at these two wells are presented in the second quarter 2021 Remediation Progress Report (Jacobs, 2021b).

Based on weekly monitoring of the influent vapor concentration, vapor extraction flow rate, and hours of operation, the total mass of VOCs removed by SVE so far in 2021 is 23,454 pounds. This is an increase from the second half of 2020, which is due to operating the recently expanded SVE system and horizontal biosparge well BS-02 in the southeastern area and BS-03 in the offsite south-central area. However, total mass recovered by the SVE system has consistently decreased since the first quarter of 2016, when biosparging in the south-central area was implemented. The cumulative mass of VOCs removed since SVE was implemented in September 1995 is 3,632,984 pounds. The cumulative mass removed by SVE does not include the mass removed by naturally occurring in-situ biodegradation.

5.2.3 Summary of Hydrocarbon Mass Removal from the DLA GWTS

DLA's GWE system has extracted over 80.2 million gallons of groundwater since April 1996, with an associated mass removal estimated at nearly 10,000 pounds of diesel-range organic compounds. Over 10,300 gallons of product have been removed since January 2014 via bailing, skimming, the use of absorbent socks, and the recently added automated product recovery system. During the first few months of 2019, the GWTS only operated intermittently from January 7 to 8 and January 15 to 22, 2019, and from February 4 to 6 and February 18 to 27, 2019, pending confirmation of passing results for the monthly fish bioassay that required prior evaluation and implementation. The system remained offline pending approval of the sewer discharge

permit application. The GWE system was restarted on October 10, 2019 and is operating in accordance with the Sanitation Districts of Los Angeles County Industrial Wastewater Discharge Permit.

5.2.4 Summary of Hydrocarbon Mass Removal from DLA SVE System

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

During the first quarter 2020, central area wells TFB-21, TFB-26, TFB-27, TFB-28, TFB-31, TFB-34, TFB-16, TFB-17, TFB-20, TFB-32, TFB-36, TFB-37, and TFB-38 were brought online to target areas where the LNAPL plume had receded. Due to decreased SVE concentrations during the first quarter 2021, the catalytic cell for the thermal oxidizer VES was installed on March 26, 2021. In preparation for installation of the catalytic cell, wells in the southern area were connected to the carbon VES system on March 19, 2021. Based on weekly monitoring of the influent vapor concentration, vapor extraction flow rate, and hours of operation, the total mass of VOCs removed by SVE was 10,101 pounds during the second quarter 2021. Through the end of the second quarter 2021, the cumulative mass of VOCs removed since SVE was implemented in April 1996 was approximately 3,293,716 pounds. The cumulative mass removed by SVE does not include the mass removed by naturally occurring in-situ biodegradation.

6. Summary

The first semiannual 2021 groundwater monitoring event was conducted May 3 through May 12, 2021. Groundwater quality conditions observed during this monitoring event are similar to observations from the October 2020 semiannual monitoring event.

6.1 Groundwater Flow Conditions

Overall, groundwater elevations across the site decreased by an average of 0.61 foot in the uppermost aquifer during the first semiannual 2021 monitoring event compared to the second semiannual 2020 monitoring event. Groundwater flow interpreted from the May 2021 gauging data is relatively similar to what was reported in October 2020. Several groundwater depressions were interpreted in the southwestern, north-central, northwestern, and northeastern areas of the site. Minor groundwater mounding is present in the south-central, southeastern, northeastern, and north-central areas of the site.

Groundwater flow in the Uppermost groundwater zone during this monitoring event was primarily diverging away from groundwater mounding present in the northeastern and southern portions of the site, with an estimated average horizontal hydraulic gradient of 0.008 ft/ft in the central portion of the site. Groundwater elevations in the Exposition aquifer were between no change to 0.45 foot higher than that observed during the 2020 first semiannual event and no change to 1.46 feet higher compared to the 2020 second semiannual event.

6.2 Distribution of Free Product

During this semiannual monitoring event, measurable free product was observed in nine wells:

- North-central area: TFR-22, TFR-24, TFR-29, RTF-18-E
- Eastern area: GMW-68
- South-central area: GMW-O-12 (offsite)
- Southwestern area: GMW-23, GMW-29, and GMW-30
- Free product was detected at thicknesses ranging from 0.02 foot in GMW-68 to 5.35 feet in well GMW-23.

6.3 Dissolved-Phase Constituents

6.3.1 Total Petroleum Hydrocarbons

The areal extent of TPH shown on Figure 4 is relatively similar to the extent inferred during the October 2020 monitoring event. Other observations regarding the May 2021 TPH plumes (and specifically, significant changes relative to the October 2020 monitoring event) include the following:

- Northwestern offsite area:
 - TPH was detected at MW-22 (MID) during the fourth quarter 2020 event but was non-detect during the second quarter 2021 event.
- Western area:
 - PW-3 had detectable TPH this event at 180 µg/L but was not detected during the October 2020 event.

- Southeastern area:
 - TPH concentrations in the southeast portion of the site decreased significantly from fourth quarter 2020 to present. The detected TPH concentration at GMW-O-18 was 14,400 µg/L during October 2020 and 6,300 µg/L this reporting period.
- TPH was not detected in any Exposition aquifer wells this reporting period.

6.3.2 Benzene

Overall, the areal extent of benzene shown on Figure 5 is similar to the extent inferred during the October 2020 monitoring event. Other observations regarding the May 2021 benzene plumes (and specifically, significant changes relative to the October 2020 monitoring event) include the following:

- Northern area:
 - The extent of benzene has decreased due to non-detections at TF-23 and GMW-35R, and a decrease in concentration at GMW-68 and GMW-69. The benzene plume around LNAPL containing well GMW-68 has expanded west to include GMW-62, which did not contain product during the October 2020 event.
- South-central area:
 - Concentrations at MW-O-2, GMW-O-21 and GMW-O-14 decreased relative to the second 2020 semiannual event.
- Southwestern area:
 - The plume extent around GMW-23 has expanded to the south/southwest since October 2020 due to the presence of measurable LNAPL in wells GMW-29 and GMW-30.
- Southeastern area:
 - The plume around GMW-O-18 present during the October 2020 monitoring event was absent during the May 2021 event.
- Benzene was not detected in wells west of the site or in any of the Exposition aquifer wells.

6.3.3 1,2-Dichloroethane

The areal extent of 1,2-DCA is nearly identical to that inferred in October 2020. Concentrations of 1,2-DCA in groundwater in the vicinity of the inactive West Side Barrier (located near the main entrance to the site) and in the western offsite area have remained consistently low.

6.3.4 Methyl Tertiary Butyl Ether

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

- Northwestern area:
 - The plume extent to the west has been partitioned with non-detected concentrations at MW-6 and MW-27, with separate main plumes to the north (around MW-25) and south (around MW-20).
- Southcentral area:
 - With detection in well GMW-O-14 this event, the dissolved extent has expanded to the southeast.
- MTBE was detected in one Exposition aquifer well (EXP-2) at a concentration of 0.60 µg/L, which is within the historical range.

6.3.5 Tertiary Butyl Alcohol

Overall, the areal extent of TBA in groundwater beneath the site presented on Figure 8 is nearly identical to that reported during the October 2020 monitoring event. Other observations regarding the May 2021 TBA plumes (and specifically, significant changes relative to the October 2020 monitoring event) include the following:

- Northeastern area:
 - Due to non-detections at wells GMW-47 and GMW-57 this event compared to the October 2020 event, the TBA plume contracted to the west.
- TBA was not detected in wells west of the site or in any of the Exposition aquifer wells.

6.3.6 Other Fuel Oxygenates

Pursuant to the Regional Board's request in March 2009, analysis for other fuel oxygenates including ETBE, DIPE, TBA, and TAME using EPA Method 8260B was included in the May 2021 sampling event (RWQCB, 2009a, 2009b). Analytical data for these compounds are provided in Table 3. DIPE was detected in 12 wells – GMW-28, GMW-O-11, GMW-O-14, GMW-O-20, GMW-O-23, MW-19 (MID), MW-20 (MID), MW-SF-1, MW-SF-4, MW-SF-6, MW-SF-15 and WCW-7 with concentrations ranging from 12 µg/L at MW-19 (MID) to 11,000 µg/L at PZ-5 (duplicate sample). DIPE was detected in twelve wells – GMW-28, GMW-O-11, GMW-O-14, GMW-O-20, GMW-O-23, MW-19 (MID), MW-20 (MID), MW-SF-1, MW-SF-4, MW-SF-6, MW-SF-15, and WCW-7 with concentrations ranging from 1.7 µg/L at MW-20 (MID) to 58 µg/L at GMW-O-14 (duplicate sample). ETBE and TAME were not detected in any samples this reporting period. There are no MCLs for TAME, ETBE, or DIPE.

6.4 Remediation System Effectiveness

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

- As a result of hydraulic containment by the treatment systems and natural attenuation mechanisms, the areal extent of dissolved-phase plumes has been reduced from the historical maximum extent and appears to be consistent with previous monitoring events. The hydraulic containment systems will continue to be operated.
- The magnitude and extent of free product in the south-central area has declined substantially since April 2015. It is believed that the decrease in product thickness and areal extent is a result of biosparge operations that have been implemented in the south-central area since January 2016.
- Concentrations and footprints of dissolved analytes in the southeastern area of the site have decreased since the operation of biosparge well BS-02, which was brought online during the second quarter 2020.
- The low detections of TPH, MTBE, 1,2-DCA, and TBA and the estimated plume extents in the western area do not warrant restarting the West Side Barrier treatment system; however, VOCs and TPH will continue to be monitored in this area.

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Tables

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

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet amsl)
BW-1	05/16/96	GMX	55	5	31.9 - 51.4	0.01	73.17
BW-2	05/20/96	GMX	53.5	5	27 - 46.5	0.01	73.57
BW-3	05/17/96	GMX	55.5	5	30.6 - 50	0.01	74.16
BW-4	05/20/96	GMX	53.1	5	28.2 - 47	0.01	74.61
BW-6	05/22/96	GMX	52.4	5	27.6 - 46.9	0.01	73.48
BW-7	05/22/96	GMX	52	5	27.1 - 46.3	0.01	74.65
BW-8	05/21/96	GMX	51.5	5	27 - 46.4	0.01	75.08
BW-9	05/21/96	GMX	52.5	5	26.9 - 46.4	0.01	76.19
EXP-1	03/06/92	WC	128.5	4	82 - 122	0.01	78.44
EXP-2	10/15/92	WC	149	4	90 - 120	0.02	79.43
EXP-3	10/20/92	WC	150	4	85 - 115	0.01	77.58
EXP-4	07/07/98	GMX	118	4	96.1 - 115.2	0.02	79.81
EXP-5	07/08/98	GMX	120	4	94.4 - 113.4	0.02	72.41
GMW-1	05/16/91	GTI	50	4	20 - 50	0.01	74.77
GMW-2	05/16/91	GTI	50	4	20 - 50	0.01	73.57
GMW-3	05/17/91	GTI	50	4	20 - 50	0.01	75.10
GMW-4R	11/01/16	SGI	50	4	20 - 50	0.02	75.13
GMW-5	05/21/91	GTI	50	4	20 - 50	0.01	77.61
GMW-6	07/09/91	GTI	50	4	25 - 50	0.01	77.31
GMW-7	07/09/91	GTI	50	4	25 - 50	0.01	76.87
GMW-8	07/10/91	GTI	50	4	25 - 50	0.01	73.20
GMW-9	07/08/91	GTI	50	4	20 - 50	0.01	77.16
GMW-10	07/08/91	GTI	50	4	25 - 50	0.01	73.36
GMW-11	07/09/91	GTI	50	4	20 - 50	0.01	72.90
GMW-12	07/09/91	GTI	50	4	25 - 50	0.01	75.21
GMW-13	07/08/91	GTI	50	4	25 - 50	0.01	74.17
GMW-14R	10/31/16	SGI	50	4	20 - 50	0.02	75.30
GMW-15	07/30/91	GTI	50	4	25 - 50	0.01	76.21
GMW-16	08/01/91	GTI	50	4	25 - 50	0.01	77.00
GMW-17R	11/10/16	SGI	50	4	2550	0.01	77.79
GMW-18	07/31/91	GTI	50	4	25 - 50	0.01	75.36
GMW-19	07/31/91	GTI	50	4	25 - 50	0.01	76.83
GMW-20	08/01/91	GTI	50	4	25 - 50	0.01	75.10
GMW-21	08/02/91	GTI	50	4	25 - 50	0.01	76.23
GMW-22	08/02/91	GTI	61	4	25 - 60	0.01	77.24
GMW-23	08/02/91	GTI	60	4	25 - 60	0.01	74.85
GMW-24	08/05/91	GTI	60	4	25 - 60	0.01	77.48
GMW-25	01/10/92	GTI	50	6	20 - 50	0.01	78.14
GMW-26	01/07/92	GTI	51.5	4	20 - 50	0.01	74.52
GMW-27R	06/08/17	SGI	50	4	20 - 50	0.01	77.15
GMW-28	01/07/92	GTI	50	4	20 - 50	0.01	74.68
GMW-29	01/09/92	GTI	50	4	20 - 50	0.01	77.57
GMW-30	01/09/92	GTI	51.5	6	20 - 50	0.01	74.91
GMW-31	06/02/93	GTI	65	4	25 - 65	0.01	76.50
GMW-32R	11/09/16	SGI	50	4	20 - 50	0.02	76.93
GMW-33	06/01/93	GTI	50	4	20 - 50	0.02	74.88
GMW-34	06/03/93	GTI	50	4	20 - 50	0.02	75.25
GMW-35R	11/08/16	SGI	50	4	20 - 50	0.02	75.90
GMW-36	04/11/94	GTI	50	4	20 - 50	0.01	76.66
GMW-37	04/11/94	GTI	50	4	20 - 50	0.01	77.32
GMW-38	04/12/94	GTI	50	4	20 - 50	0.01	75.47
GMW-39	04/12/94	GTI	50	4	20 - 50	0.01	75.05
GMW-40	06/29/94	GTI	50.5	4	20 - 50	0.01	73.13
GMW-41	06/30/94	GTI	50.5	4	20 - 50	0.01	72.69
GMW-42	06/30/94	GTI	50.5	4	20 - 50	0.01	75.50
GMW-43	07/01/94	GTI	50.5	4	20 - 50	0.01	76.07

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Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet amsl)
GMW-44	07/01/94	GTI	50.5	4	20 - 50	0.01	75.71
GMW-45	07/01/94	GTI	50.5	4	20 - 50	0.01	75.67
GMW-46	07/05/94	GTI	50.5	4	20 - 50	0.01	76.10
GMW-47	07/05/94	GTI	50.5	4	20 - 50	0.01	75.98
GMW-48	07/05/94	GTI	50.5	4	20 - 50	0.01	75.03
GMW-49	07/06/94	GTI	50.5	4	20 - 50	0.01	74.75
GMW-50	12/19/94	GTI	46.5	4	15 - 45	0.01	75.51
GMW-51	12/19/94	GTI	41.5	4	15 - 40	0.01	75.93
GMW-52R	06/05/17	SGI	50	4	20 - 50	0.01	77.62
GMW-53	12/19/94	GTI	46.5	4	15 - 45	0.01	74.90
GMW-54	12/20/94	GTI	46.5	4	15 - 45	0.01	74.73
GMW-55	12/20/94	GTI	41.5	4	15 - 40	0.01	74.60
GMW-56	08/12/98	FDGTI	55	2	20 - 55	0.02	76.50
GMW-56	08/12/98	FDGTI	55	4	20 - 55	0.02	76.52
GMW-57	08/13/98	FDGTI	55	2	19 - 54	0.02	76.66
GMW-57	08/13/98	FDGTI	55	4	19 - 54	0.02	76.66
GMW-58	08/14/98	FDGTI	55	2	20 - 55	0.02	75.46
GMW-58	08/14/98	FDGTI	55	4	20 - 55	0.02	75.48
GMW-59	08/14/98	FDGTI	55	2	20 - 55	0.02	75.28
GMW-59	08/14/98	FDGTI	55	4	20 - 55	0.02	75.28
GMW-60	04/14/04	Parsons	50	4	25 - 40	0.01	76.24
GMW-61	04/14/04	Parsons	50	4	30 - 40	0.01	75.60
GMW-62	06/02/07	Parsons	40.5	4	20 - 40	0.02	76.34
GMW-63	09/29/08	Parsons	41	4	20 - 40	0.02	77.32
GMW-64	09/29/08	Parsons	41	4	19.5 - 39.5	0.02	75.84
GMW-65	07/06/09	Parsons	41.5	4	21 - 41	0.02	76.78
GMW-66R	04/07/16	SGI	45	4	20-45	0.02	79.23
GMW-67	07/13/15	SGI	47	4	25-45	0.02	76.00
GMW-68	07/15/16	SGI	45	4	25-45	0.02	75.52
GMW-69	07/14/15	SGI	45	4	25-45	0.02	75.31
GMW-O-1	03/04/92	GTI	51.5	4	19 - 49.5	0.01	71.45
GMW-O-2	03/02/92	GTI	51.5	4	20 - 50	0.01	72.54
GMW-O-3	03/02/92	GTI	51.5	4	20 - 50	0.01	72.19
GMW-O-4	03/03/92	GTI	51.5	4	20 - 50	0.01	71.95
GMW-O-4 (MID)	03/03/92	GTI	66.5	4	54.5 - 64.5	0.01	72.24
GMW-O-5	03/04/92	GTI	51.5	4	20 - 50	0.01	72.36
GMW-O-6	05/18/92	GTI	51.5	4	20 - 50	0.01	71.41
GMW-O-7	05/19/92	GTI	51.5	4	20 - 50	0.01	70.98
GMW-O-8	05/18/92	GTI	51	4	19.5 - 49.5	0.01	70.91
GMW-O-9	07/29/92	GTI	51.5	4	20 - 50	0.01	73.50
GMW-O-10	07/29/92	GTI	51.5	4	20 - 50	0.01	73.98
GMW-O-11	05/20/92	GTI	51.5	4	20 - 50	0.01	74.17
GMW-O-12	05/21/92	GTI	51.5	4	20 - 50	0.01	73.49
GMW-O-14	05/20/92	GTI	51.5	4	20 - 50	0.01	74.08
GMW-O-15	04/19/94	GTI	50	4	20 - 50	0.02	74.23
GMW-O-16	04/19/94	GTI	50	4	20 - 50	0.02	74.10
GMW-O-17	07/26/94	GMX	41	4	20.4 - 39.5	0.01	73.78
GMW-O-18	07/25/94	GMX	41	4	20.8 - 40.4	0.01	74.36
GMW-O-19	07/29/94	GMX	41.5	4	20.2 - 39.9	0.01	74.46
GMW-O-20	06/15/95	GMX	45.9	4	---	---	73.32
GMW-O-21	10/01/97	GMX	45.9	4	25.5 - 45.5	0.01	71.43
GMW-O-22	---	GMX	41	4	---	---	74.36
GMW-O-23	06/25/07	GMX	44	4	20 - 40	0.02	73.63
GMW-O-24	09/24/12	CH2M HILL	45	4	20 - 40	0.01	74.39
GMW-SF-7	07/27/94	GMX	41	4	20.1 - 39.9	0.01	75.26
GMW-SF-8	07/28/94	GMX	41	4	19.5 - 39.5	0.01	76.75

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GMW-SF-9	04/01/03	GMX	47	4	36.6 - 46.2	0.02	73.05
GMW-SF-10	09/23/03	GMX	47	4	36.7 - 46.4	0.02	75.77
GW-1	06/12/95	GTI	63	1	25 - 60	0.02	75.46
GW-1	06/12/95	GTI	63	4	25 - 60	0.02	75.97
GW-2	06/12/95	GTI	63	1	25 - 60	0.02	76.39
GW-2	06/12/95	GTI	63	4	25 - 60	0.02	75.78
GW-3	06/13/95	GTI	63	1	25 - 60	0.02	76.56
GW-3	06/13/95	GTI	63	4	25 - 60	0.02	75.79
GW-4	06/13/95	GTI	63	1	24 - 59	0.02	74.77
GW-4	06/13/95	GTI	63	4	24 - 59	0.02	73.86
GW-5R	11/09/16	SGI	50	4	20 - 50	0.02	79.06
GW-6	06/15/95	GTI	63	1	25 - 60	0.02	77.41
GW-6	06/15/95	GTI	63	4	25 - 60	0.02	76.38
GW-7	06/16/95	GTI	63	1	25 - 60	0.02	76.76
GW-7	06/16/95	GTI	63	4	25 - 60	0.02	75.02
GW-8	06/14/95	GTI	63	1	24 - 59	0.02	76.88
GW-8	06/14/95	GTI	63	4	24 - 59	0.02	76.15
GW-13	04/26/07	Parsons	65	1	25 - 65	0.02	77.00
GW-13	04/26/07	Parsons	67	6	25 - 65	0.02	76.85
GW-14R	11/08/16	SGI	50	4	20 - 50	0.02	78.77
GW-15	04/26/07	Parsons	62.5	1	20.5 - 60.5	0.02	75.36
GW-15	04/24/07	Parsons	62.5	6	20.5 - 60.5	0.02	74.94
GW-16	07/07/09	Parsons	61.3	1	21 - 61	0.02	76.55
GW-16	07/07/09	Parsons	62.5	6	20.5 - 60.5	0.02	76.33
GW-17R	11/10/16	SGI	50	4	20 - 50	0.02	77.79
GWR-1R	11/10/16	SGI	50	4	20 - 50	0.02	76.64
GWR-2	07/12/91	GTI	50	4	25 - 50	0.01	73.66
GWR-3	01/10/92	GTI	50	6	20 - 50	0.01	77.60
HL-1	10/14/86	HLA	39	4	18 - 38	0.01	75.83
HL-2	10/13/86	HLA	39	4	16.5 - 36.5	0.01	76.94
HL-3	10/15/86	HLA	44	4	19 - 39	0.01	76.86
HL-4R	06/08/17	SGI	50	4	20 - 50	0.01	77.08
HL-5	10/16/86	HLA	39.5	4	18.5 - 39	0.01	76.13
MW-6	08/09/90	WC	50	4	18 - 48	0.01	77.20
MW-7	08/27/90	WC	50	4	19 - 48	0.01	78.13
MW-8	08/24/90	WC	51	4	18 - 48	0.01	76.06
MW-9	08/08/90	WC	50	4	18 - 48	0.01	77.11
MW-10	08/24/90	WC	51	4	18 - 48	0.01	79.12
MW-11	08/09/90	WC	50	4	18 - 48	0.01	78.17
MW-12	08/27/90	WC	50	4	18 - 48	0.01	75.76
MW-13	08/23/90	WC	50	4	18 - 48	0.01	78.25
MW-14	08/07/90	WC	50	4	18 - 48	0.01	78.60
MW-15R	10/31/16	SGI	50	4	20 - 50	0.02	74.85
MW-16	08/08/90	WC	50	4	18 - 48	0.01	76.87
MW-17	08/06/90	WC	50	4	18 - 48	0.01	77.86
MW-18 (MID)	06/10/91	WC	62.2	4	50 - 60	0.01	75.67
MW-19 (MID)	06/11/91	WC	62.2	4	49.5 - 59.5	0.01	78.14
MW-20 (MID)	06/12/91	WC	65.7	4	43 - 53	0.01	77.19
MW-21 (MID)	06/12/91	WC	62.4	4	47 - 57	0.01	77.55
MW-22 (MID)	06/13/91	WC	57.9	4	42 - 52	0.01	79.57
MW-23 (MID)	06/14/91	WC	57.1	4	42 - 52	0.01	79.59
MW-24	06/14/91	WC	47	4	14 - 44	0.01	77.66
MW-25	06/17/91	WC	47.2	4	22.5 - 42.5	0.01	79.15
MW-26	06/17/91	WC	47.3	4	23.5 - 43.5	0.01	77.40
MW-27	06/17/91	WC	52.3	4	18 - 48	0.01	78.46
MW-28	06/19/91	WC	51.5	4	16.5 - 46.5	0.01	75.90

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

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet amsl)
MW-29	06/19/91	WC	52.4	4	17.5 - 47.5	0.01	79.13
MW-SF-1	06/18/90	GMX	40	4	25 - 40	0.02	78.93
MW-SF-2	06/19/90	GMX	40	4	25 - 40	0.02	78.53
MW-SF-3	06/18/90	GMX	40	4	25 - 40	0.02	78.12
MW-SF-4	06/19/90	GMX	40	4	25 - 40	0.02	79.38
MW-SF-5	09/19/90	GMX	40	4	23 - 38	0.02	79.74
MW-SF-6	09/19/90	GMX	40	4	24 - 39	0.02	76.80
MW-SF-9	06/15/95	GMX	40	4	25 - 40	---	74.10
MW-SF-10	09/23/03	GMX	30.5	4	10.3 - 29.9	0.02	76.53
MW-SF-11	06/19/07	GMX	44	4	20 - 40	0.02	78.56
MW-SF-12	06/18/07	GMX	44	4	20 - 40	0.02	78.07
MW-SF-13	06/19/07	GMX	44	4	20 - 40	0.02	73.40
MW-SF-14	06/21/07	GMX	44	4	20 - 40	0.02	78.16
MW-SF-15	06/21/07	GMX	44	4	20 - 40	0.02	78.27
MW-SF-16	06/20/07	GMX	44	4	20 - 40	0.02	78.21
MW-O-1	01/22/91	GMX	40	2	25 - 40	0.02	75.48
MW-O-2	01/23/91	GMX	40	2	25 - 40	0.02	71.90
MW-O-3	10/25/91	GMX	41	6	20 - 39.5	0.01	74.53
MW-O-4	10/25/91	GMX	41	4	20 - 40	0.01	75.00
PO-7	05/01/89	GW	56	4	29 - 49	0.02	80.26
PW-1	01/06/92	GTI	51.5	4	20 - 50	0.01	75.52
PW-2	01/06/92	GTI	50	4	20 - 50	0.01	74.71
PW-3	01/06/92	GTI	50	4	20 - 50	0.01	73.71
PZ-1	07/12/91	GTI	50	2	25 - 50	0.01	73.74
PZ-2	07/12/91	GTI	50	2	25 - 50	0.01	73.96
PZ-3	06/03/93	GTI	65	2	25 - 65	0.02	76.17
PZ-4	06/02/93	GTI	60	2	25 - 60	0.02	76.13
PZ-5	09/26/00	GMX	40.3	4	20.6 - 39.4	0.01	73.97
PZ-6	09/26/00	GMX	37.5	4	22.8 - 37.8	0.01	73.91
PZ-7A	04/07/03	GMX	32	2	21.5 - 31.2	0.01	73.87
PZ-7B	04/07/03	GMX	47.5	2	42 - 46.7	0.01	73.79
PZ-8A	04/08/03	GMX	31.5	2	21.2 - 31	0.01	75.81
PZ-8B	04/08/03	GMX	47	2	41.4 - 46.2	0.01	75.69
PZ-9A	04/09/03	GMX	32	2	21.6 - 30.9	0.01	76.14
PZ-9B	04/09/03	GMX	47	2	41.5 - 46.2	0.01	76.26
PZ-10	04/10/03	GMX	38.5	2	23.2 - 37.9	0.02	74.34
RTF-18-E	12/28/15	SGI	40	4	25-40	0.02	75.19
RTF-18-N	12/28/15	SGI	40	4	25-40	0.02	75.17
RTF-18-NNW	12/29/15	SGI	40	4	25-40	0.02	76.77
RTF-18-NW	12/29/15	SGI	40	4	25-40	0.02	76.22
RTF-18-W	12/28/15	SGI	40	4	25-40	0.02	74.86
TF-8	09/22/95	GTI	63	1.5	25 - 60	0.02	75.60
TF-8	09/22/95	GTI	63	4	25 - 60	0.02	74.86
TF-9R	06/06/17	SGI	50	4	20 - 50	0.02	78.00
TF-10	09/25/95	GTI	63	1.5	25 - 60	0.02	74.19
TF-10	09/25/95	GTI	63	4	25 - 60	0.02	73.61
TF-11R	06/17/17	SGI	50	4	20 - 50	0.02	77.75
TF-13	09/26/95	GTI	63	1.5	25 - 60	0.02	75.90
TF-13	09/26/95	GTI	63	4	25 - 60	0.02	75.47
TF-14	09/27/95	GTI	63	1.5	25 - 60	0.02	74.78
TF-14	09/27/95	GTI	63	4	25 - 60	0.02	74.35
TF-15	09/28/95	GTI	63	1.5	25 - 60	0.02	75.40
TF-15	09/28/95	GTI	63	4	25 - 60	0.02	74.78
TF-16	09/28/95	GTI	63	1.5	25 - 60	0.02	76.48
TF-16	09/28/95	GTI	63	4	25 - 60	0.02	75.89
TF-17R	06/07/17	SGI	40	4	20 - 40	0.02	77.63

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

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet amsl)
TF-18	07/06/94	GTI	50.5	4	20 - 50	0.02	73.94
TF-19	10/03/95	GTI	63	1.5	25 - 60	0.02	75.61
TF-19	10/03/95	GTI	63	4	25 - 60	0.02	75.07
TF-20R	11/07/16	SGI	50	4	20 - 50	0.02	75.26
TF-21	09/29/95	GTI	63	1.5	25 - 60	0.02	75.60
TF-21	09/29/95	GTI	63	4	25 - 60	0.02	74.96
TF-22R	06/06/17	SGI	50	2	20 - 50	0.02	79.92
TF-23	07/05/94	GTI	50.5	4	20 - 50	0.02	75.31
TF-24	09/26/95	GTI	63	1.5	25 - 60	0.02	76.35
TF-24	09/26/95	GTI	63	4	25 - 60	0.02	76.43
TF-25	04/04/01	GTI	47	1.5	41 - 46	0.02	75.81
TF-25	04/04/01	GTI	47	5	26 - 36	0.02	74.85
TF-26	04/03/01	GTI	47	1.5	41 - 46	0.02	76.15
TF-26	04/03/01	GTI	47	5	26 - 36	0.02	75.85
TFR-9	12/13/17	SGI	40	4	20 - 40	0.02	--
TFR-12	12/11/17	SGI	40	4	20 - 40	0.02	--
TFR-14	12/13/17	SGI	40	4	20 - 40	0.02	--
TFR-15	12/14/17	SGI	40	4	20 - 40	0.02	--
TFR-18	12/14/17	SGI	40	4	20 - 40	0.02	--
TFR-22	11/30/17	SGI	40	4	20 - 40	0.02	--
TFR-24	11/30/17	SGI	40	4	20 - 40	0.02	--
TFR-27	11/29/17	SGI	40	4	20 - 40	0.02	--
TFR-29	11/29/17	SGI	40	4	20 - 40	0.02	--
TFR-33	11/28/17	SGI	40	4	20 - 40	0.02	--
WCW-1	02/18/92	WC	52	4	20 - 50	0.01	72.86
WCW-2	02/21/92	WC	52	4	20 - 50	0.01	75.34
WCW-3	02/19/92	WC	56.5	4	19 - 49	0.01	76.16
WCW-4	02/20/92	WC	56.5	4	20 - 50	0.01	78.05
WCW-5	04/30/92	WC	52	4	19 - 49	0.01	73.49
WCW-6	04/20/92	WC	53.5	4	20 - 50	0.01	75.52
WCW-7	04/29/92	WC	53	4	20 - 50	0.01	76.44
WCW-8	04/21/92	WC	53.5	4	20 - 50	0.01	77.34
WCW-9	04/28/92	WC	53.5	4	20 - 50	0.01	77.74
WCW-10	09/11/92	WC	56.5	4	25 - 55	0.01	74.06
WCW-11	09/09/92	WC	61.5	4	30 - 60	0.01	75.29
WCW-12	09/08/92	WC	61.5	4	30 - 60	0.01	76.27
WCW-13	09/10/92	WC	61.5	4	30 - 60	0.01	77.70
WCW-14	08/12/98	FDGTI	59	4	24 - 59	0.01	78.81

Notes:

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

--- = information not available

CH2M HILL = CH2M HILL Engineers, Inc.

FDGTI = Fluor Daniel GTI

feet amsl = feet above mean sea level

feet bgs = feet below ground surface

GMX = Geomatrix Consultants, Inc.

GTI = Groundwater Technology/Groundwater Technology Government Services

GW = Golden West

HLA = Harding Lawson Associates

Parsons = Parsons Corporation

SGI = The Source Group, Inc.

WC = Woodward-Clyde

Table 2. Summary of Groundwater Elevations – First Semiannual 2021 Monitoring Event
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Corrected Groundwater Elevation (feet amsl)
EP-73	05/06/21	77.21	---	36.44	---	40.77
EXP-1	05/03/21	78.44	---	59.79	---	18.65
EXP-1	05/04/21	78.44	---	59.97	---	18.47
EXP-2	05/03/21	79.43	---	61.20	---	18.23
EXP-2	05/04/21	79.43	---	61.23	---	18.20
EXP-3	05/03/21	77.58	---	59.21	---	18.37
EXP-3	05/04/21	77.58	---	59.19	---	18.39
EXP-4	05/03/21	79.81	---	61.38	---	18.43
EXP-5	05/03/21	72.41	---	53.47	---	18.94
GMW-1	05/03/21	74.77	---	DRY	---	DRY
GMW-3	05/03/21	75.10	---	34.31	---	40.79
GMW-5	05/03/21	77.61	---	DRY	---	DRY
GMW-6	05/03/21	77.31	---	36.85	---	40.46
GMW-7	05/04/21	76.87	---	36.30	---	40.57
GMW-8	05/03/21	73.20	---	32.94	---	40.26
GMW-9	05/03/21	77.16	---	36.50	---	40.66
GMW-10	05/03/21	73.36	---	32.54	---	40.82
GMW-12	05/03/21	75.21	---	34.48	---	40.73
GMW-13	05/03/21	74.17	---	33.18	---	40.99
GMW-14R	05/03/21	75.30	---	34.54	---	40.76
GMW-15	05/04/21	76.21	---	35.98	---	40.23
GMW-16	05/03/21	77.00	---	37.37	---	39.63
GMW-17R	05/03/21	77.79	---	37.38	---	40.41
GMW-18	05/04/21	75.36	---	36.20	---	39.16
GMW-19	05/03/21	76.83	---	36.45	---	40.38
GMW-20	05/03/21	75.10	---	34.65	---	40.45
GMW-21	05/04/21	76.23	---	35.36	---	40.87
GMW-22	05/03/21	77.24	---	36.66	---	40.58
GMW-23	05/03/21	74.85	33.30	38.65	5.35	40.48
GMW-24	05/03/21	77.48	---	37.18	---	40.30
GMW-25	05/03/21	78.14	---	37.42	---	40.72
GMW-26	05/03/21	74.52	---	34.08	---	40.44
GMW-28	05/03/21	74.68	---	34.14	---	40.54
GMW-29	05/03/21	77.57	34.15	34.53	0.38	43.34
GMW-30	05/03/21	74.91	34.25	34.29	0.04	40.65
GMW-31	05/04/21	76.50	---	34.97	---	41.53
GMW-32R	05/04/21	76.93	---	DRY	---	DRY
GMW-33	05/03/21	74.88	---	DRY	---	DRY
GMW-35R	05/04/21	75.90	---	39.12	---	36.78
GMW-36	05/03/21	76.66	---	30.69	---	45.97
GMW-37	05/03/21	77.32	---	35.94	---	41.38
GMW-38	05/03/21	75.47	---	34.15	---	41.32
GMW-39	05/03/21	75.05	---	33.86	---	41.19
GMW-40	05/04/21	73.13	---	NM	---	NC
GMW-41	05/03/21	72.69	---	32.34	---	40.35
GMW-42	05/03/21	75.50	---	35.20	---	40.30
GMW-43	05/04/21	76.07	---	35.44	---	40.63
GMW-44	05/03/21	75.71	---	35.03	---	40.68
GMW-45	05/04/21	75.67	---	34.42	---	41.25
GMW-47	05/04/21	75.98	---	35.39	---	40.59
GMW-48	05/03/21	75.03	---	38.11	---	36.92
GMW-4R	05/03/21	75.13	---	34.57	---	40.56

Table 2. Summary of Groundwater Elevations – First Semiannual 2021 Monitoring Event
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Corrected Groundwater Elevation (feet amsl)
GMW-54	05/03/21	74.73	---	34.34	---	40.39
GMW-56	05/03/21	76.52	---	34.69	---	41.83
GMW-57	05/04/21	76.66	---	36.45	---	40.21
GMW-58	05/03/21	75.48	---	35.93	---	39.55
GMW-59	05/04/21	75.28	---	33.25	---	42.03
GMW-60	05/03/21	76.24	---	35.53	---	40.71
GMW-61	05/03/21	75.60	---	34.47	---	41.13
GMW-62	05/03/21	76.34	---	35.35	---	40.99
GMW-63	05/03/21	77.32	---	35.99	---	41.33
GMW-64	05/03/21	75.84	---	34.13	---	41.71
GMW-65	05/03/21	76.78	---	35.56	---	41.22
GMW-66R	05/03/21	79.23	---	38.41	---	40.82
GMW-67	05/03/21	76.00	---	34.96	---	41.04
GMW-68	05/03/21	75.52	34.44	34.46	0.02	41.08
GMW-69	05/03/21	75.31	---	34.14	---	41.17
GMW-O-1	05/03/21	71.45	---	31.10	---	40.35
GMW-O-2	05/03/21	72.54	---	31.66	---	40.88
GMW-O-3	05/03/21	72.19	---	31.23	---	40.96
GMW-O-4	05/03/21	71.95	---	30.21	---	41.74
GMW-O-5	05/03/21	72.36	---	31.27	---	41.09
GMW-O-6	05/03/21	71.41	---	30.01	---	41.40
GMW-O-7	05/03/21	70.98	---	29.30	---	41.68
GMW-O-8	05/03/21	70.91	---	30.42	---	40.49
GMW-O-9	05/03/21	73.50	---	32.83	---	40.67
GMW-O-10	05/03/21	73.98	---	33.41	---	40.57
GMW-O-11	05/03/21	74.17	---	31.89	---	42.28
GMW-O-12	05/03/21	73.49	31.05	31.66	0.61	42.31
GMW-O-14	05/03/21	74.08	---	31.48	---	42.60
GMW-O-15	05/03/21	74.86	---	28.62	---	46.24
GMW-O-16	05/03/21	74.10	---	29.49	---	44.61
GMW-O-17	05/03/21	73.78	---	31.79	---	41.99
GMW-O-18	05/03/21	74.32	---	29.77	---	44.55
GMW-O-19	05/03/21	74.46	---	29.50	---	44.96
GMW-O-20	05/03/21	73.32	---	32.67	---	40.65
GMW-O-21	05/03/21	71.43	---	32.17	---	39.26
GMW-O-23	05/03/21	73.63	---	32.91	---	40.72
GMW-O-24	05/03/21	74.39	---	33.00	---	41.39
GMW-SF-7	05/03/21	75.26	---	33.56	---	41.70
GMW-SF-8	05/03/21	76.75	---	35.00	---	41.75
GW-1	05/04/21	75.97	---	36.00	---	39.97
GW-2	05/04/21	75.78	---	35.69	---	40.09
GW-3	05/04/21	75.79	---	38.00	---	37.79
GW-4	05/04/21	73.86	---	NM	---	NC
GW-5R	05/03/21	79.06	---	38.80	---	40.26
GW-6	05/03/21	76.38	---	36.10	---	40.28
GW-7	05/04/21	75.02	---	35.07	---	39.95
GW-8	05/03/21	76.15	---	36.01	---	40.14
GW-13(6")	05/03/21	76.85	---	36.85	---	40.00
GW-14R	05/03/21	78.77	---	34.49	---	44.28
GW-15(6")	05/04/21	74.94	---	33.94	---	41.00
GW-16(6")	05/03/21	76.33	---	34.94	---	41.39
GWR-1R	05/03/21	76.64	---	35.91	---	40.73

Table 2. Summary of Groundwater Elevations – First Semiannual 2021 Monitoring Event
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Corrected Groundwater Elevation (feet amsl)
GWR-3	05/03/21	77.60	---	36.18	---	41.42
HL-2	05/03/21	76.94	---	36.43	---	40.51
HL-3	05/03/21	76.86	---	36.40	---	40.46
MW-6	05/03/21	77.20	---	36.96	---	40.24
MW-7	05/03/21	78.13	---	37.70	---	40.43
MW-8	05/03/21	76.06	---	30.70	---	45.36
MW-9	05/03/21	77.11	---	35.63	---	41.48
MW-12	05/03/21	75.76	---	35.23	---	40.53
MW-13	05/03/21	78.25	---	37.67	---	40.58
MW-14	05/04/21	78.60	---	38.56	---	40.04
MW-15R	05/03/21	74.85	---	33.57	---	41.28
MW-16	05/03/21	76.87	---	34.96	---	41.91
MW-17	05/03/21	77.86	---	36.80	---	41.06
MW-18 (MID)	05/03/21	75.67	---	38.57	---	37.10
MW-19 (MID)	05/03/21	78.14	---	41.65	---	36.49
MW-20 (MID)	05/03/21	77.19	---	39.00	---	38.19
MW-21 (MID)	05/03/21	77.55	---	37.06	---	40.49
MW-22 (MID)	05/04/21	79.57	---	41.09	---	38.48
MW-24	05/03/21	77.66	---	37.52	---	40.14
MW-26	05/03/21	77.40	---	37.21	---	40.19
MW-27	05/04/21	78.46	---	38.31	---	40.15
MW-28	05/03/21	75.90	---	36.53	---	39.37
MW-29	05/03/21	79.13	---	38.44	---	40.69
MW-O-1	05/03/21	75.48	---	DRY	---	40.14
MW-O-2	05/03/21	71.90	---	32.94	---	38.96
MW-SF-1	05/03/21	78.93	---	38.03	---	40.90
MW-SF-2	05/03/21	78.53	---	37.82	---	40.71
MW-SF-3	05/03/21	78.12	---	37.51	---	40.61
MW-SF-4	05/03/21	79.38	---	38.30	---	41.08
MW-SF-5	05/03/21	79.74	---	DRY	---	DRY
MW-SF-6	05/03/21	76.80	---	35.86	---	40.94
MW-SF-9	05/03/21	74.10	---	DRY	---	DRY
MW-SF-10	05/03/21	76.53	---	DRY	---	DRY
MW-SF-11	05/03/21	78.56	---	37.38	---	41.18
MW-SF-12	05/03/21	78.07	---	36.19	---	41.88
MW-SF-13	05/03/21	73.40	---	32.48	---	40.92
MW-SF-14	05/03/21	78.16	---	DRY	---	DRY
MW-SF-15	05/03/21	78.27	---	37.53	---	40.74
MW-SF-16	05/03/21	78.21	---	DRY	---	DRY
PW-1	05/03/21	75.52	---	DRY	---	DRY
PW-2	05/03/21	74.71	---	DRY	---	DRY
PW-3	05/03/21	73.71	---	33.54	---	40.17
PZ-2	05/03/21	73.96	---	DRY	---	DRY
PZ-3	05/04/21	76.17	---	35.74	---	40.43
PZ-5	05/03/21	73.97	---	29.57	---	44.40
PZ-10	05/03/21	74.34	---	DRY	---	DRY
RTF-18-E	05/06/21	75.19	32.94	33.70	0.76	42.13
RTF-18-N	05/06/21	75.17	---	32.59	---	42.58
RTF-18-NNW	05/06/21	76.77	---	33.97	---	42.80
RTF-18-NW	05/06/21	76.22	---	32.08	---	44.14
RTF-18-W	05/06/21	74.86	---	31.77	---	43.09
TF-8	05/04/21	75.60	---	34.70	---	40.90

Table 2. Summary of Groundwater Elevations – First Semiannual 2021 Monitoring Event
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Corrected Groundwater Elevation (feet amsl)
TF-9R	05/04/21	78.00	---	37.64	---	40.36
TF-15	05/04/21	74.78	---	34.45	---	40.33
TF-16	05/04/21	75.89	---	35.35	---	40.54
TF-17R	05/04/21	77.63	---	36.59	---	41.04
TF-18	05/04/21	73.74	---	32.82	---	40.92
TF-19	05/04/21	75.07	---	33.33	---	41.74
TF-20R	05/04/21	75.26	---	34.87	---	40.39
TF-21	05/03/21	77.91	---	38.11	---	39.80
TF-23	05/03/21	75.31	---	34.64	---	40.67
TF-24	05/03/21	76.43	---	37.63	---	38.80
TFR-9	05/06/21	77.06	---	35.52	---	41.54
TFR-12	05/06/21	76.81	---	35.48	---	41.33
TFR-14	05/06/21	77.34	---	36.01	---	41.33
TFR-15	05/06/21	76.89	---	36.60	---	40.29
TFR-18	05/06/21	75.18	---	34.43	---	40.75
TFR-22	05/06/21	74.65	33.21	36.93	3.72	40.70
TFR-24	05/06/21	74.42	33.87	34.02	0.15	40.52
TFR-27	05/06/21	74.65	---	33.60	---	41.05
TFR-29	05/06/21	74.69	32.94	35.97	3.03	41.14
TFR-33	05/06/21	75.12	---	DRY	---	DRY
VEW-1	05/03/21	---	---	DRY	---	DRY
VEW-2	05/03/21	---	---	DRY	---	DRY
WCW-1	05/03/21	72.86	---	32.68	---	40.18
WCW-2	05/03/21	75.34	---	35.38	---	39.96
WCW-3	05/03/21	76.16	---	36.90	---	39.26
WCW-4	05/03/21	78.05	---	38.58	---	39.47
WCW-5	05/03/21	73.49	---	33.30	---	40.19
WCW-6	05/03/21	75.52	---	35.36	---	40.16
WCW-7	05/03/21	76.44	---	36.66	---	39.78
WCW-8	05/03/21	77.34	---	37.62	---	39.72
WCW-9	05/03/21	77.74	---	37.34	---	40.40
WCW-10	05/03/21	74.06	---	34.46	---	39.60
WCW-11	05/03/21	75.29	---	35.87	---	39.42
WCW-12	05/03/21	76.27	---	36.77	---	39.50
WCW-13	05/03/21	77.70	---	38.64	---	39.06
WCW-14	05/03/21	78.81	---	39.67	---	39.14

Notes:

DLA Energy and SFPP calculated groundwater elevation in wells with measurable product using the formula:
 groundwater elevation = (top of casing elevation - depth to water) + apparent product thickness X specific gravity.
 (Product specific gravity of 0.84 was used for calculation above for DLA wells)
 (Product specific gravity ranging between 0.75 and 0.83 was used for calculation above for SFPP wells)

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

--- = not detected or applicable

DRY = No measurable water observed in the well.

feet btoc = feet below top of casing

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

NC = not calculated

NM = not measured

Table 3. Summary of Groundwater Analytical Data – First Semiannual 2021 Monitoring Event
Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)													
Well	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-1	05/06/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	05/06/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	05/06/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.60	<10	<1.0	<1.0	<1.0
EXP-2	05/06/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	05/04/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-4	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-6	05/05/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-7	05/12/21	710	4700	100	<1.0	2.5	<2.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-8	05/06/21	<50	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-9	05/06/21	<50	83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-10	05/06/21	<500	19000	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
GMW-12	05/06/21	<100	400	0.72	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-13	05/04/21	<50	51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/10/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/07/21	<100	170	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/07/21	<100	240	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	05/04/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	05/07/21	<100	220	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	05/06/21	150	420	52	<0.50	<0.50	<1.0	<0.50	4.2	<10	<2.0	<2.0	<2.0
GMW-21	05/12/21	<100	570	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-25	05/05/21	<50	1100	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1.0	<1.0	<1.0
GMW-26	05/06/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-28	05/06/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	24	1.8	<1.0	<1.0
GMW-31	05/06/21	<100	290	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-35R	05/10/21	<100	100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-36	05/06/21	<50	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	25	<1.0	<1.0	<1.0
GMW-37	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-41	05/04/21	<100	170	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	05/04/21	<100	130	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/10/21	<100	250	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	05/04/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	05/10/21	1200	1900	1.1	<1.0	<1.0	<2.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-47	05/10/21	140	790	<0.50	<0.50	<0.50	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-48	05/05/21	<100	150	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-4R	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-56	05/06/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-57	05/10/21	<100	140	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

Table 3. Summary of Groundwater Analytical Data – First Semiannual 2021 Monitoring Event
Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)													
Well	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-58	05/05/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	05/10/21	<100	450	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	05/05/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	05/05/21	<100	21000	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	05/03/21	1000	6200	13	<0.50	81	71	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	05/03/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/03/21	<100	100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/03/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/05/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/03/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	05/03/21	530	280	28	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-O-1	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	05/04/21	130	<50	<0.50	<0.50	1.0	4.5	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-11	05/04/21	<100	1300	<0.50	<0.50	<0.50	<0.50	<1.0	1.9	170	6.5	<1.0	<1.0
GMW-O-14	05/05/21	730 J	1000	220	3.2	2.7	5.3	<2.0	2.0	55	50	<2.0	<2.0
GMW-O-16	05/06/21	<50	<50	<0.50	<0.50	<0.50	1.8	<0.50	6.7	<10	<1.0	<1.0	<1.0
GMW-O-17	05/04/21	<50	92	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-18	05/05/21	3600	2700	<2.0	<2.0	59	4.6	<4.0	6.6	520	<4.0	<4.0	<4.0
GMW-O-19	05/06/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-20	05/04/21	640	530	200	1.4	6.2	1.5	<2.0	8.8	<20	12	<2.0	<2.0
GMW-O-21	05/05/21	4100	1700	1,100	10	8.2	20	<10	<5.0	<100	<10	<10	<10
GMW-O-23	05/04/21	110	340	<0.50	<0.50	<0.50	<0.50	<0.50	9.4	40	37	<1.0	<1.0
GMW-O-24	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GW-2	05/06/21	<100	130	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	05/06/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	05/05/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/05/21	<100	140	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	05/04/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/10/21	<100	120	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/05/21	<100	160	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GWR-1R	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/06/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-6	05/05/21	<50	53	<0.50	<0.50	<0.50	<0.50	0.76	<0.50	<10	<1.0	<1.0	<1.0
MW-7	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Table 3. Summary of Groundwater Analytical Data – First Semiannual 2021 Monitoring Event
Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)													
Well	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-8	05/04/21	<50	59	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	05/06/21	<50	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-13	05/05/21	<100	230	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-15R	05/05/21	<50	53	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-16	05/03/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	05/05/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-18 (MID)	05/06/21	<50	280	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	16	<1.0	<1.0	<1.0
MW-19 (MID)	05/06/21	<50	<50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	12	2.1	<1.0	<1.0
MW-20 (MID)	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	2.0	5.7	<10	1.7	<1.0	<1.0
MW-21 (MID)	05/05/21	<50	99	<0.50	<0.50	<0.50	<0.50	1.6	0.97	<10	<1.0	<1.0	<1.0
MW-22 (MID)	05/06/21	<100	<100	<0.50	<0.50	<0.50	<1.0	1.7	1.6	<10	<2.0	<2.0	<2.0
MW-24	05/04/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	05/04/21	<100	120	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	05/07/21	<100	260	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	05/04/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-O-2	05/05/21	12000	4500	4,100	<20	44	<20	<40	32	<400	<40	<40	<40
MW-SF-1	05/06/21	<100	500	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	2.3	<1.0	<1.0
MW-SF-4	05/06/21	<50	230	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	11	<1.0	<1.0
MW-SF-6	05/06/21	<200	61000	5.7	<1.0	1.5	1.8	<2.0	<1.0	<20	16	<2.0	<2.0
MW-SF-13	05/06/21	<100	340	<0.50	<0.50	<0.50	<0.50	<1.0	0.56	<10	<1.0	<1.0	<1.0
MW-SF-15	05/06/21	<100	320	<0.50	<0.50	<0.50	<0.50	<1.0	0.83	<10	15	<1.0	<1.0
PW-3	05/06/21	<50	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-2	05/05/21	<50	620	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1.0	<1.0	<1.0
PZ-3	05/07/21	<100	2700	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-5	05/05/21	270	300	<0.50	0.53	<0.50	11	<1.0	270	9,000	<1.0	<1.0	<1.0
TF-8	05/07/21	<100	270	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	05/07/21	<100	900	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-15	05/12/21	1100	6600	37	<0.50	15	19	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	05/12/21	270	2600	7.8	<0.50	0.61	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-17R	05/10/21	8600	5600	67	<2.5	260	590	<2.5	<6.0	76	<10	<10	<10
TF-18	05/12/21	27000	21000	13	<1.0	19	4.0	<1.0	<2.4	200	<4.0	<4.0	<4.0
TF-20R	05/10/21	<100	100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/05/21	<100	290	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-23	05/12/21	670	23000	<2.5	<2.5	<2.5	<5.0	<2.5	20	810	<10	<10	<10
TF-24	05/12/21	<100	750	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
WCW-2	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	<10	<1.0	<1.0	<1.0
WCW-7	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	6.4	1.6	<10	2.7	<1.0	<1.0

Table 3. Summary of Groundwater Analytical Data – First Semiannual 2021 Monitoring Event*Defense Fuel Support Point, Norwalk, California*

Results reported in micrograms per liter (µg/L)													
Well	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-8	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/04/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Notes:

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

1,2-DCA = 1,2-dichloroethane

DIPE = di-isopropyl ether

ETBE = ethyl tertiary butyl ether

MTBE = methyl tertiary butyl ether

TAME = tertiary amyl methyl ether

TBA = tertiary butyl alcohol

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

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

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

Table 4. Summary of Miscellaneous Compounds Detected in Groundwater Samples – First Semiannual 2021 Monitoring Event
Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																	
Well	Date	1,1-Dichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	Carbon Disulfide	Chloroform	cis-1,2-Dichloroethene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Trichloroethylene	Vinyl Chloride
EXP-2	05/06/21	<1.0	<1.0	<1.0	11	<2.5	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
EXP-2	05/06/21	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50
GMW-7	05/12/21	<1.0	1.2	<1.0	<20	<1.0	<1.0	4.0	29	15	<1.0	15	<2.0	3.8	1.6	<1.0	<1.0
GMW-19	05/06/21	<0.50	<0.50	<0.50	13	<0.50	<0.50	3.2	0.91	<2.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	0.93
GMW-19	05/06/21	<0.50	<0.50	<0.50	14	<0.50	<0.50	3.3	0.85	<2.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	0.93
GMW-36	05/06/21	<1.0	<1.0	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-45	05/10/21	<1.0	3.3	<1.0	<20	<1.0	<1.0	<1.0	9.7	<4.0	<1.0	5.0	3.9	3.3	<1.0	<1.0	<1.0
GMW-47	05/10/21	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<1.0	<0.50	1.0	<0.50	<0.50
GMW-47	05/10/21	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<1.0	<0.50	1.1	<0.50	<0.50
GMW-62	05/03/21	0.52	42	6.7	<10	<0.50	<0.50	<0.50	34	6.4	<0.50	28	4.2	5.5	1.4	0.52	<0.50
GMW-62	05/03/21	<0.50	25	3.4	<10	<0.50	<0.50	<0.50	26	3.1	<0.50	21	2.7	<0.50	1.1	<0.50	<0.50
GMW-67	05/03/21	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	5.8	<2.0	<0.50	2.9	<1.0	0.85	0.60	<0.50	<0.50
GMW-69	05/03/21	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	35	7.1	<0.50	30	<1.0	7.3	1.5	<0.50	<0.50
GMW-O-3	05/04/21	<1.0	8.9	3.3	<10	<2.5	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-O-11	05/04/21	<1.0	<1.0	<1.0	<20	<5.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
GMW-O-14	05/05/21	<2.0	<2.0	4.0	<40	<10	<2.0	<2.0	16	15	<2.0	31	<2.0	<2.0	<2.0	<2.0	<2.0
GMW-O-14	05/05/21	<2.0	<2.0	5.4	<40	<10	<2.0	<2.0	22	20	<2.0	43	<2.0	2.7	<2.0	<2.0	<2.0
GMW-O-18	05/05/21	<4.0	490	<4.0	<80	<20	<4.0	<4.0	8.5	79	5.6	30	<4.0	7.3	<4.0	<4.0	<4.0
GMW-O-20	05/04/21	<2.0	<2.0	<2.0	<40	<10	<2.0	<2.0	10	14	<2.0	21	<2.0	2.8	<2.0	<2.0	<2.0
GMW-O-21	05/05/21	<10	<10	13	<200	<50	<10	<10	12	74	<10	37	<10	<10	<10	<10	<10
MW-22 (MID)	05/06/21	<0.50	<0.50	<0.50	<10	0.83	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50
MW-26	05/04/21	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	1.9	2.3	<0.50	0.74	<1.0	<0.50	<0.50	<0.50	<0.50
PZ-5	05/05/21	<1.0	1.8	1.4	<20	<5.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PZ-5	05/05/21	<1.0	1.8	1.5	<20	<5.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TF-15	05/12/21	<0.50	19	8.4	<10	<0.50	<0.50	<0.50	49	37	1.6	32	2.6	6.8	1.8	<0.50	<0.50
TF-15	05/12/21	<0.50	60	36	<10	<0.50	<0.50	<0.50	51	61	6.4	41	11	9.9	2.3	<0.50	<0.50
TF-16	05/12/21	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	22	31	<0.50	22	<1.0	5.6	2.4	<0.50	<0.50
TF-17R	05/10/21	<2.5	230	110	<50	<2.5	<2.5	<2.5	57	140	15	62	18	15	<2.5	<2.5	<2.5
TF-18	05/12/21	<1.0	21	63	<20	<1.0	<1.0	<1.0	21	11	<1.0	21	21	10	3.9	<1.0	<1.0
TF-23	05/12/21	2.8	<2.5	<2.5	<50	<2.5	<2.5	<2.5	<2.5	<10	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5	<2.5

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

Table 5. Summary of Field Duplicate Results – First Semiannual 2021 Monitoring Event

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)													
Well	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-10	05/06/21	<500	19000	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
GMW-16	05/07/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	05/04/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	05/06/21	160	390	51	<0.50	<0.50	<1.0	<0.50	4.5	<10	<2.0	<2.0	<2.0
GWR-1R	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-47	05/10/21	140	900	<0.50	<0.50	<0.50	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-60	05/05/21	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	05/03/21	830	2300	8.1	<0.50	61	44	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-O-14	05/05/21	1000 J	980	290	4.2	3.4	6.9	<2.0	2.4	65	58	<2.0	<2.0
MW-9	05/05/21	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/05/21	<50	100	<0.50	<0.50	<0.50	<0.50	1.9	1.0	<10	<1.0	<1.0	<1.0
PZ-2	05/05/21	<50	680	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1.0	<1.0	<1.0
PZ-5	05/05/21	290	350	<0.50	<0.50	<0.50	8.7	<1.0	250	11,000	<1.0	<1.0	<1.0
TF-15	05/12/21	1800	7800	46	1.6	53	64	<0.50	<1.2	<10	<2.0	<2.0	<2.0

Notes:

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

1,2-DCA = 1,2-dichloroethane

DIPE = di-isopropyl ether

ETBE = ethyl tertiary butyl ether

MTBE = methyl tertiary butyl ether

TAME = tertiary amyl methyl ether

TBA = tertiary butyl alcohol

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

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

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

Table 6. Summary of Quality Assurance/Quality Control Analytical Data – First Semiannual 2021 Monitoring Event

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)														
Sample ID	Date	Sample Type	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
QCTB-1	05/03/21	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
QCEB-1	05/03/21	Equipment Blank	<100	170	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
QCTB-1	05/04/21	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TB-1	05/04/21	Trip Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCEB-1	05/04/21	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EB-1	05/04/21	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EB-2	05/04/21	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EB-3	05/04/21	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCTB-1	05/05/21	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
QCEB-1	05/05/21	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TB-2	05/05/21	Trip Blank	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EB-4	05/05/21	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EB-6	05/05/21	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EB-5	05/05/21	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCTB-1	05/06/21	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TB-3	05/06/21	Trip Blank	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCEB-1	05/06/21	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EB-7	05/06/21	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EB-8	05/06/21	Equipment Blank	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
QCTB-1	05/07/21	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
QCEB-1	05/07/21	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
QCTB-1	05/10/21	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
QCEB-1	05/10/21	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
QCTB-1	05/12/21	Trip Blank	<100	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
QCEB-1	05/12/21	Equipment Blank	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

Notes:

--- = not analyzed

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

1,2-DCA = 1,2-dichloroethane

DIPE = di-isopropyl ether

ETBE = ethyl tertiary butyl ether

MTBE = methyl tertiary butyl ether

TAME = tertiary amyl methyl ether

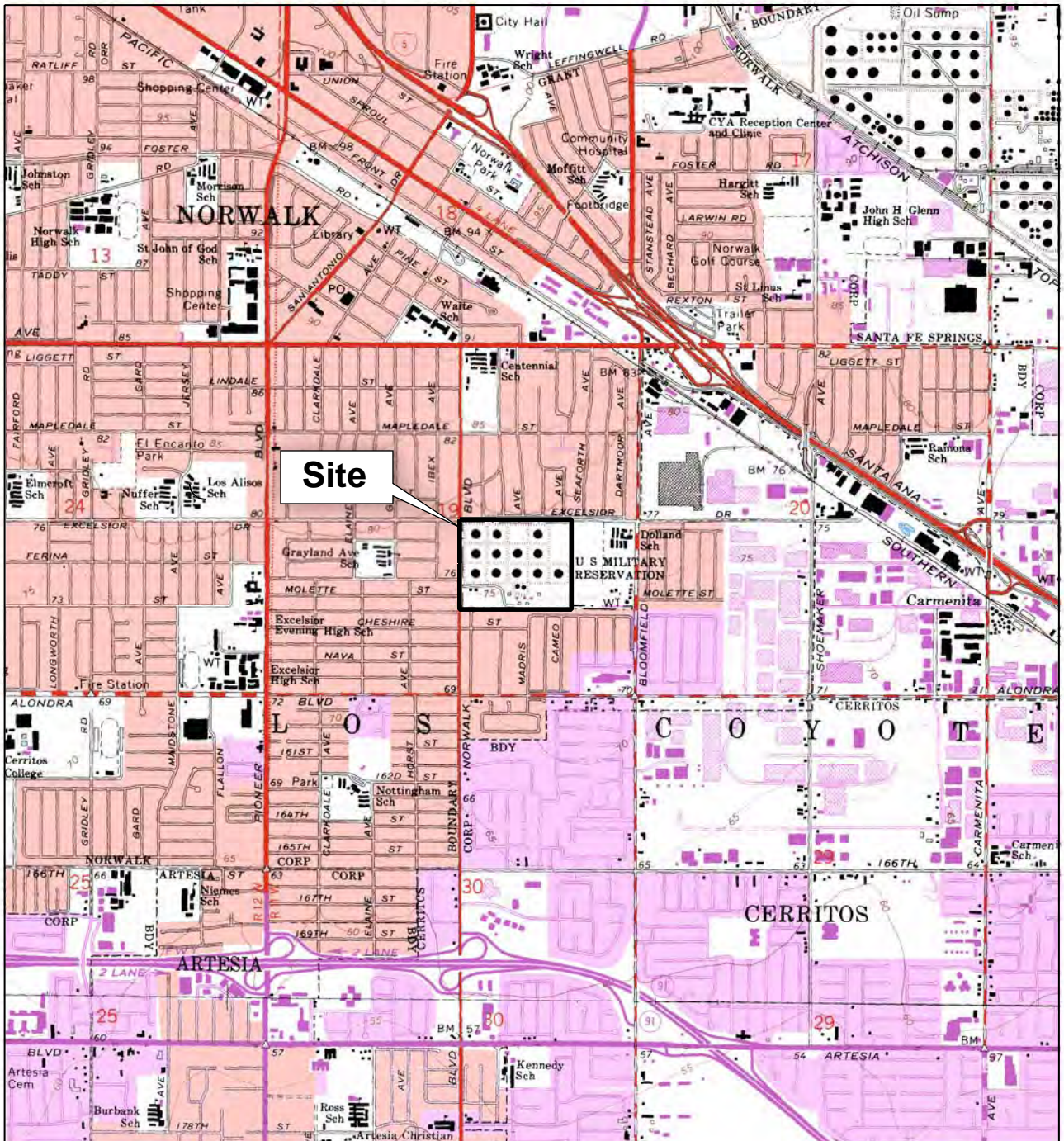
TBA = tertiary butyl alcohol

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

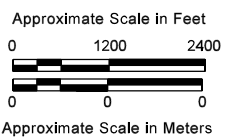
TPH-g = total purgeable petroleum hydrocarbons quantified using a gasoline standard

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

Figures



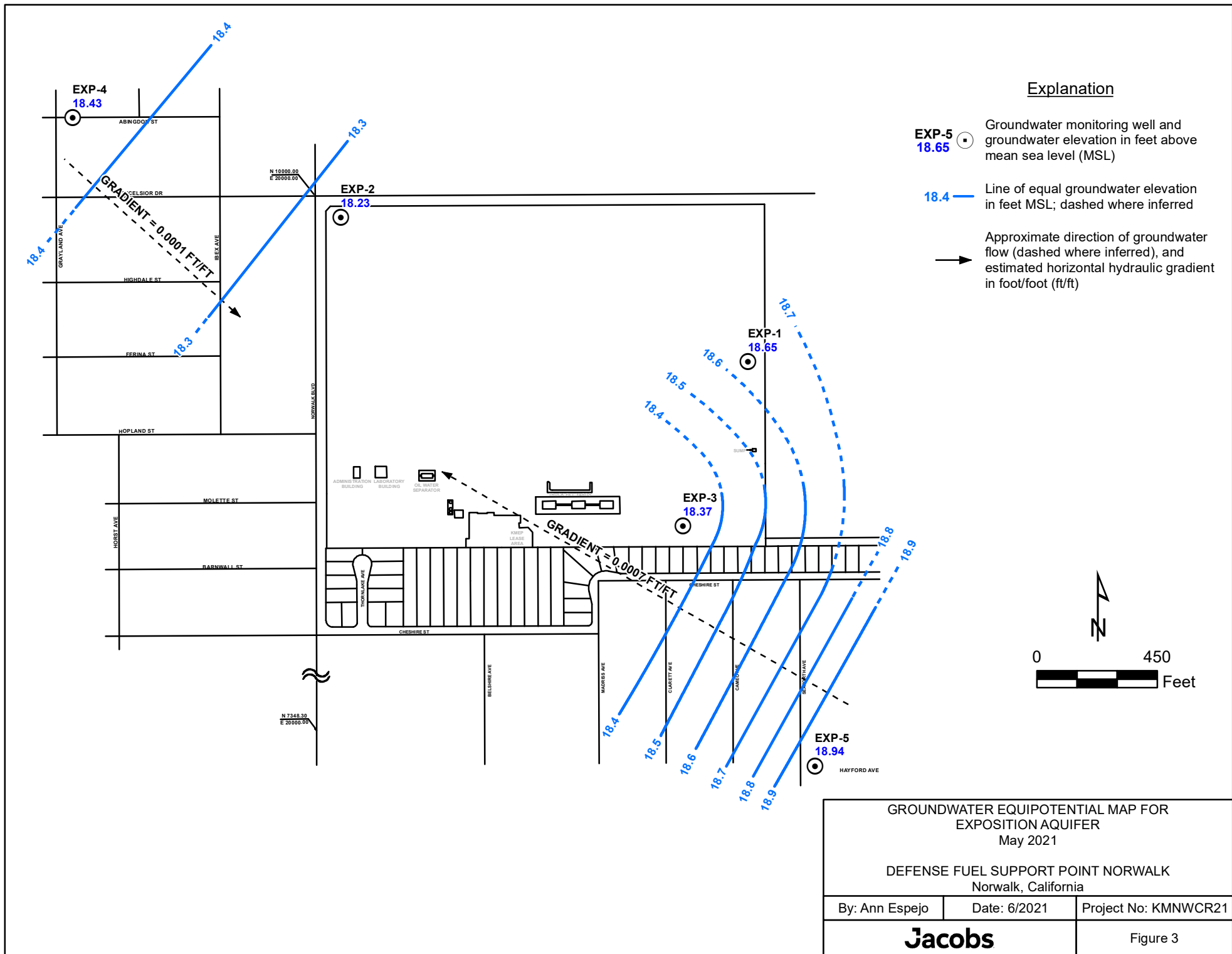
Site



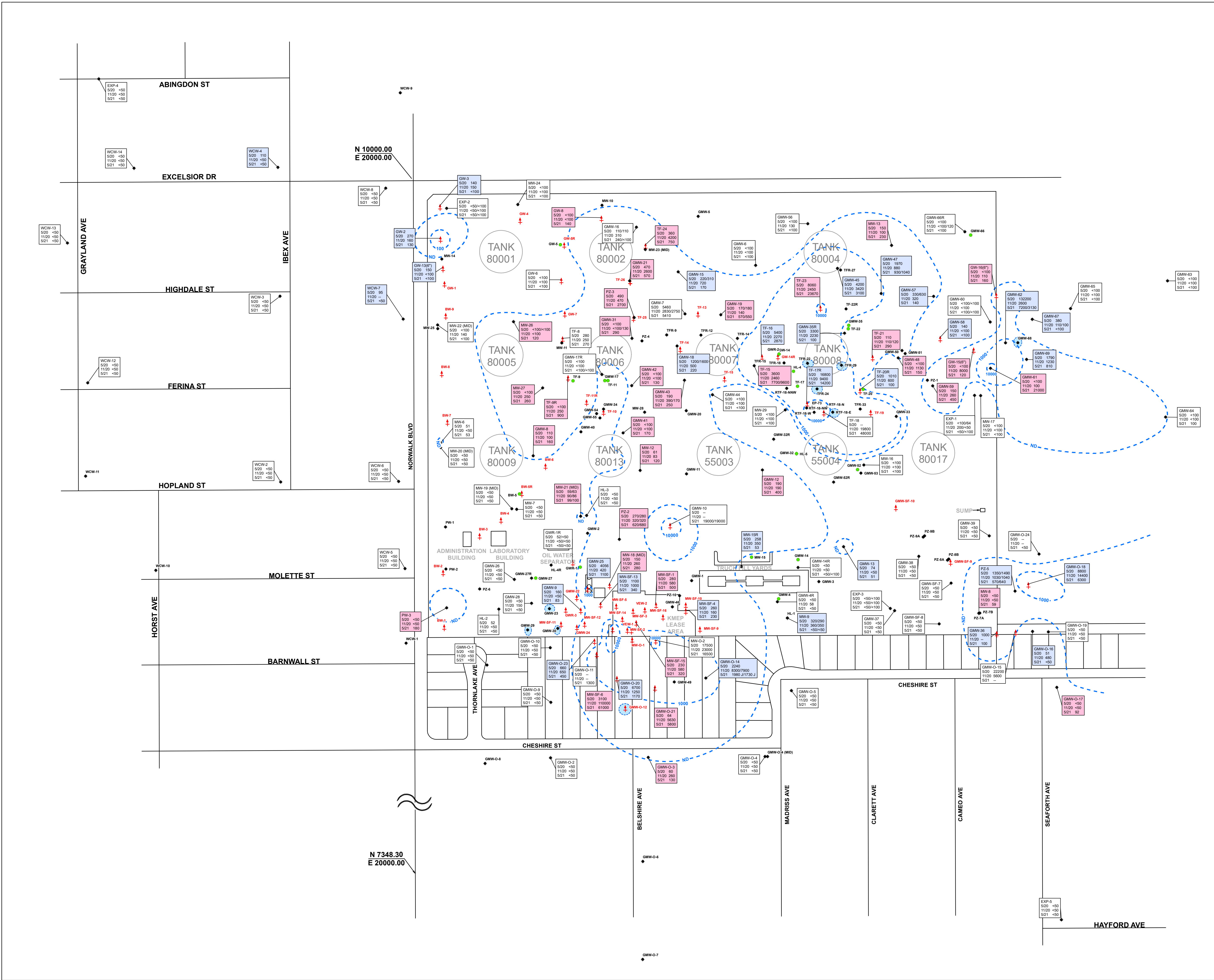
BASEMAP MODIFIED FROM U.S.G.S. 7.5 MINUTE QUADRANGLE MAP
 LOS ALAMITOS 1964, CALIFORNIA, PHOTO-REVISED 1981.
 WHITTIER 1965, CALIFORNIA, PHOTO-REVISED 1981.

SITE LOCATION MAP
DEFENSE FUEL SUPPORT POINT NORWALK
 Norwalk, California

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



GROUNDWATER EQUIPOTENTIAL MAP FOR EXPOSITION AQUIFER May 2021		
DEFENSE FUEL SUPPORT POINT NORWALK Norwalk, California		
By: Ann Espejo	Date: 6/2021	Project No: KMNWCR21
Jacobs		Figure 3



Explanation

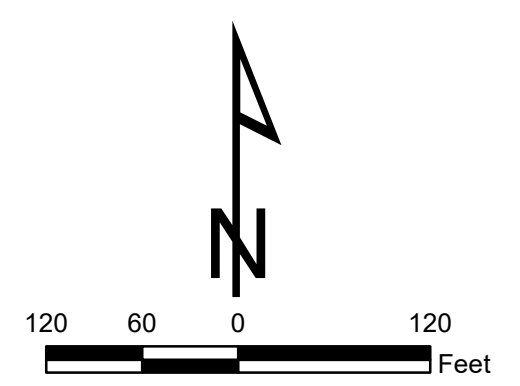
- GMW-5** ● Monitoring well and designation
- VEW-1** ↑ Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- TF-17** ● Decommissioned well
- Total petroleum hydrocarbons (TPH) results in micrograms per liter (µg/L) for the three most recent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

Notes

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

Survey Notes

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



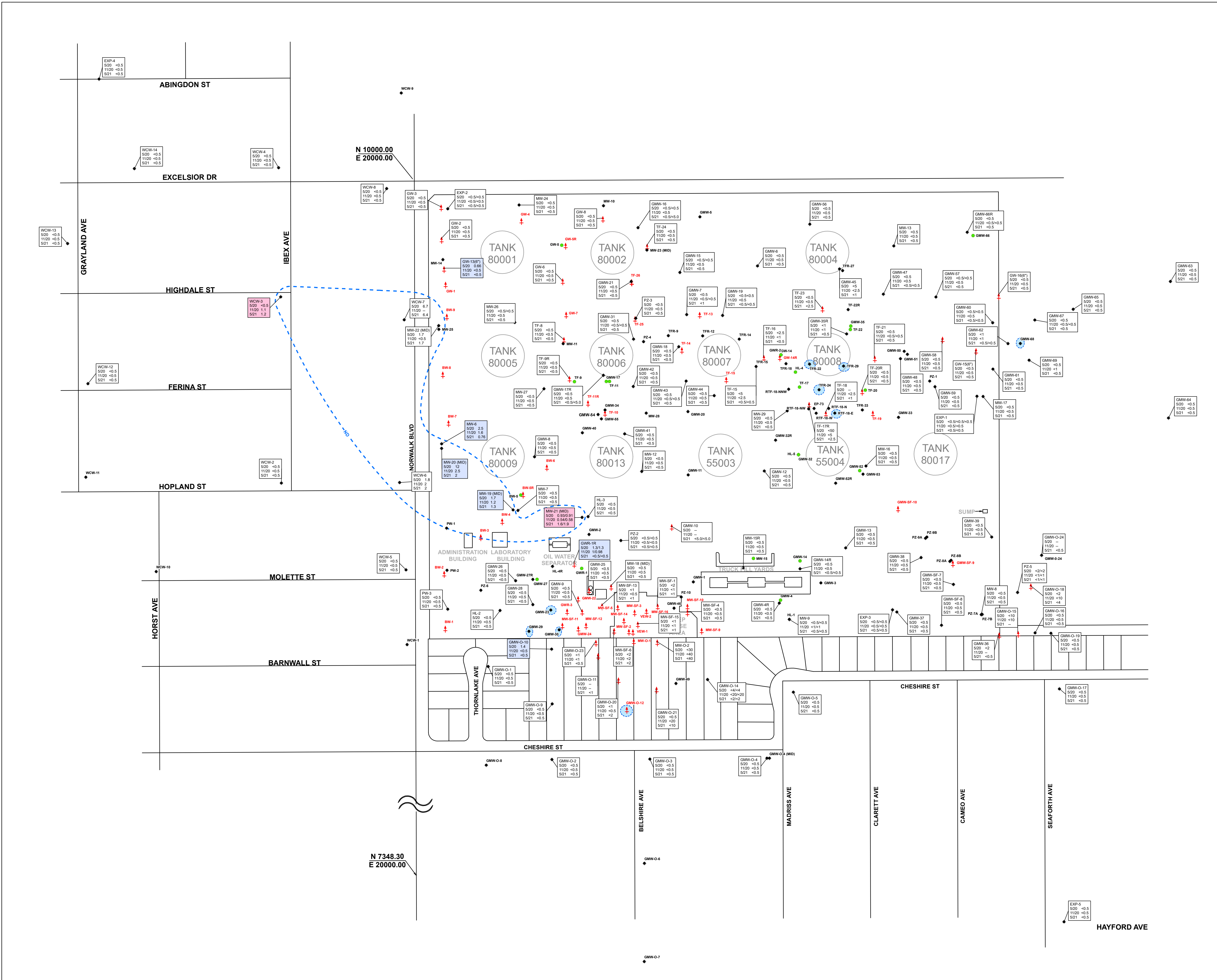
**TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER
May 2021**

**DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California**

By: Ann Espejo Date: 6/2021 Project No: KMNWCR21

Jacobs Figure 4

\\S01\proj\GIS\PROJECTS\DEFENSE_FUEL_SUPPORT_POINT_NORWALK\MAPS\FILES\2021\2021_REPORT\FIGURE_4_TPH_2021.MXD A05P010 7/27/2021 10:40:37 PM



Explanation

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

Notes

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

Survey Notes

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

**1,2-DICHLOROETHANE IN GROUNDWATER
May 2021**

DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

By: Ann Espejo Date: 6/2021 Project No: KMNWCR21

Jacobs

Figure 6

\\C:\Users\jacobson\OneDrive\Documents\Norwalk\1,2-DCA\1,2-DCA_2021_May_AE\SPLO_022021_19_0300_AE

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

NORWALK WELL GAUGING DATA

 TECHNICIAN: JA/GC/KC

 DATE: 6-3-21

 CLIENT Jacobs

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Last Events SPH Thickness	Depth to water (ft.) 2Q19	Depth to water (ft.) 4Q19	Depth to water (ft.) 2Q20	Depth to water (ft.) 4Q20	Depth to water (ft.) 1Q21	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Time
EXP-1	4					60.63	63.05	60.24	661.25		59.97	128.70		0800 5/L
EXP-2	4					61.77	62.91	61.52	62.40		61.20	129.21		0945
EXP-3	4					59.65	61.08	59.33	60.28		59.21	123.62		0955
EXP-4	4					61.92	63.16	61.66	62.48		61.38 59.21	115.36 127.02		0957
EXP-5	4					54.14	55.50	53.81	54.74	JA 53.47	53.47	113.29		0749
GMW-1	4					DRY	DRY	32.91	DRY		DRY	27.72		1329
GMW-10	4					30.55	34.12	31.44	32.00	32.75	32.54	48.70		1327
GMW-13	4					31.92	33.92	32.03	31.85		33.18	49.100		1024
GMW-14R	4					33.24	34.98	32.60	33.18		34.54	52.25		1100
GMW-22						36.19	37.88	35.64	36.08		36.66	61.47		
GMW-23	4		33.30	5.35	3.85	34.34	35.48	34.56	36.90		38.65 33.30	-		1153
GMW-24	4					38.43	38.65	36.24	36.58		37.18	34.52		
GMW-25	4					36.89	37.10	36.49	36.98		37.42	53.14		1215
GMW-26	4					33.41	35.23	35.62	33.59	JA 34.00	34.08	48.23		1104
GMW-28	4					34.30	35.73	33.35	33.47	34.34	34.14	49.82		1108
GMW-29	4	odor	34.15	0.38	0.27	34.92	36.10	33.38	34.18	34.65	34.53 34.15	- 40.54	JA	1114
GMW-3	4					unable to locate	PUMP IN WELL	33.17	32.81		34.31 34.57	49.90 52.83	JA	1334
GMW-30	6		34.25	0.04		34.73	35.18	33.36	33.76	JA 34.25	36.90	44.72	JA	1036
GMW-36	4					Pump in Well	39.86	31.03	-	35.18	30.09	53.45		0911
GMW-37	4					34.82	36.30	35.03	34.00		35.94	53.53		1002
GMW-38	4					32.81	34.38	33.22	32.14		34.15	53.04		0950
GMW-39	4					32.38	33.58	32.87	31.40		33.86	50.58		0925
GMW-4R						33.49	39.97	32.35	33.00		34.57	51.33		1334
GMW-8	4					27.98	33.87	32.23	32.32		32.94	49.54		1036
GMW-9	5					Pump In Well	37.90	35.37	35.90		36.50	49.51		1047
GMW-O-1	4					31.03	31.86	30.42	30.58		31.10	49.60	JA	1018
GMW-O-10	4					33.86	35.00	32.53	32.73		33.41	49.94		1015
GMW-O-11	4					Pump In Well	PUMP IN WELL	30.94	30.30	32.18	31.88	47.96		0938
GMW-O-12	4		31.05	0.61	0.52	31.62	32.10	30.35	31.65	31.97	31.66	-		0928
GMW-O-14	4					32.85	34.07	32.05	32.28	33.54	31.48	44.48 49.48	JA	1310

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: JA/GG/KT DATE: 5-3-21 CLIENT: Jacobs

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Last Events SPH Thickness	Depth to water (ft.) 2Q19	Depth to water (ft.) 4Q19	Depth to water (ft.) 2Q20	Depth to water (ft.) 4Q20	Depth to water (ft.) 1Q21	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: <u>TOC</u>	Time
GMW-O-15	4					Pump In Well	29.28	31.13	26.89		26.62	49.01		0907
GMW-O-16	4					29.89	32.10	30.97	33.89		29.49	38.54		0855
GMW-O-17	4					30.83	31.35	31.22	29.42		31.79	39.72		0750
GMW-O-18	4					30.89	32.05	31.68	27.25		29.77	39.71		0831
GMW-O-19	4					31.22	32.19	30.94	31.89		29.50	39.11		0847
GMW-O-2	4					31.49	31.95	31.04	30.97		31.66	49.20		0959
GMW-O-20	4					31.00	32.53	30.70	30.97	31.99	32.67	37.65		0934
GMW-O-21	4					32.34	33.00	31.24	30.30	32.57	32.17	41.40		0858
GMW-O-23	4					32.99	34.40	31.92	32.24	33.19	32.91	39.33		0940
GMW-O-24	4					31.59	Root Obstruction	32.07	-	34.68	33.00	45.19		0818
GMW-O-3	4					31.23	31.92	30.33	30.50		31.23	47.95		0827
GMW-O-4	4					30.33	31.02	29.86	29.70		30.71	48.97		0810
GMW-O-5	4					30.68	31.63	30.36	30.00		31.27	49.92		0803
GMW-O-6	4					29.72	29.93	29.38	29.43		30.01	49.58		0823
GMW-O-7	4					28.82	29.00	28.52	28.59		29.30	49.57		0820
GMW-O-8	4					30.10	30.55	29.93	28.91		30.42	49.35		1004
GMW-O-9	4					32.94	34.58	32.06	32.16		32.83	49.92		1007
GMW-SF-7	4					32.22	34.00	32.89	30.61		33.56	43.30		0947
GMW-SF-8	4					33.74	35.20	34.28	32.18		35.00	43.66		1010
GWR-1R	4					34.34	37.24	34.95	35.38		35.91	52.41		1143
GWR-3	6					37.16	38.58	36.02	35.51		36.18	49.21		1106
HL-2	4					36.52	37.81	35.62	36.00		36.43	39.03		1052
HL-3	4					32.95	37.27	35.23	35.83		36.40	41.40		1136
MW-12	4					29.07	36.19	34.06	34.54		35.23	51.80		1140
MW-15R	4					33.11	35.00	32.59	33.03		33.57	52.28		1113
MW-18 (MID)	4					38.39	40.42	37.96	34.83		38.57	65.32		1240
MW-19 (MID)	4					38.11	41.18	39.92	40.40		41.65	62.00		1122
MW-20 (MID)	4					36.49	39.90	38.41	38.90		39.00	60.66		1117
MW-21 (MID)	4					33.63	37.93	35.92	36.51		37.06	62.04		1112
MW-6	4					35.45	36.77	36.31	36.56		36.96	51.98		1110

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: JA

 DATE: 5-3-21

 CLIENT Jacobs

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Last Events SPH Thickness	Depth to water (ft.) 2Q19	Depth to water (ft.) 4Q19	Depth to water (ft.) 2Q20	Depth to water (ft.) 4Q20	Depth to water (ft.) 1Q21	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Time
MW-7	4					35.07	38.16	36.78	37.26		37.70	43.53		
MW-8	4					33.13	32.13	31.31	26.46		30.70	49.60		0939
MW-9	4					35.42	35.25	34.62	34.78		35.63	51.97		1044
MW-O-1	4					32.09	DRY	31.98	DRY	33.62	DRY	34.46		0947
MW-O-2	6					31.44	Root Obstruction	31.87	30.60	33.16	32.94	39.88		0855
MW-SF-1	6					37.94	39.91	36.65	37.39		38.03	41.25		1146
MW-SF-10	4					DRY	DRY	DRY	DRY		DRY	26.17		1239
MW-SF-11	4					38.52	39.13	36.95	37.18		37.38	43.62		1200
MW-SF-12	4					37.53	38.78	36.36	36.53		36.19	43.40		1154
MW-SF-13	4					32.29	33.76	31.52	32.05		32.48	38.77		1149
MW-SF-14	4					DRY	DRY	DRY	DRY		DRY	35.90		1222
MW-SF-15	4					Pump In Well	38.92	36.37	36.72		37.53	43.65		1218
MW-SF-16	4					DRY	DRY	DRY	DRY		DRY	33.13		1142
MW-SF-2	4					37.95	39.26	36.66	37.14		37.82	41.25		1201
MW-SF-3	4					Pump In Well	38.77	36.19	36.55		37.51	52.02		1320
MW-SF-4	4					38.45	39.75	37.13	37.46		38.30	40.40		1138
MW-SF-5	6					DRY	DRY	37.86	DRY		DRY	38.25		1241
MW-SF-6	6					36.13	57.41	34.90	35.35		35.86	41.51		1207
PW-1	4					DRY	DRY	DRY	DRY		DRY	29.42		1102
PW-2	4					DRY	DRY	DRY	DRY		DRY	25.91		1100
PW-3	4					33.12	39.06	32.89	33.05		33.54	49.88		1032
PZ-10	3					DRY	DRY	DRY	DRY		DRY	27.80		1314
PZ-2	4					31.37	39.58	32.48	32.66		33.31	48.75		1201
PZ-5	4					31.12	32.39	31.84	26.72		29.57	37.97		0838
VEW-1	4					DRY	DRY	DRY	DRY		DRY	12.35		1158
VEW-2	4					DRY	DRY	DRY	DRY		DRY	28.71		1230
WCW-1	4					31.95	32.70	32.02	32.34		32.68	53.10		0939
WCW-10	4					34.52	33.91	34.99	34.00		34.46	60.04		0943
WCW-11	4					35.09	35.57	35.65	35.37		35.87	59.38		0940
WCW-12	4					36.12	36.51	36.69	36.60		36.77	59.90		0957

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: JA/GG/KT

 DATE: 5-3-21

 CLIENT Jacobs

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Last Events SPH Thickness	Depth to water (ft.) 2Q19	Depth to water (ft.) 4Q19	Depth to water (ft.) 2Q20	Depth to water (ft.) 4Q20	Depth to water (ft.) 1Q21	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Time
WCW-13	4					38.03	38.13	38.41	38.52		38.04	60.40		0924
WCW-14	4					38.95	39.20	39.36	39.44		39.07	58.80		0918
WCW-2	4					34.72	35.02	35.00	35.08		35.38	52.45		0900
WCW-3	4					35.82	35.98	36.10	36.13		36.40	50.47		0824
WCW-4	4					37.89	38.03	38.27	38.38		38.58	51.90		0850
WCW-5	4					32.51	32.28	32.67	33.00		33.30	37.16	50.23 (JA)	0847
WCW-6	4					34.45	35.15	34.75	34.92		35.36	42.00	51.80 (JA)	0840
WCW-7	4					35.42	35.97	36.27	36.13		36.66	(2005)		0834
WCW-8	4					36.92	37.70	37.29	37.24		37.62	51.34		0819
WCW-9	4					37.38	36.39	37.72	37.00		37.34	51.90		0810

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-JA-1</u>	Client: <u>KMEP</u>
Sampler: <u>UH</u>	Start Date: <u>5-4-21</u>
Well I.D.: <u>EXP-4</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>115.36</u>	Depth to Water: Pre: <u>61.38</u> Post: <u>61.43</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: 1317 Flow Rate: 300 ml/min Pump Depth: 110'

Time	Temp. (<u>°C</u> or °F)	pH	Cond. (<u>mS/cm</u> or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	Depth to water
1320	22.7	7.25	1.37	5	1.88	171	900	61.43
1323	22.7	7.24	1.38	3	1.27	155	1800	61.43
1326	22.8	7.21	1.38	2	0.80	143	2700	61.43
1329	22.9	7.21	1.39	2	0.74	137	3600	61.43
1332	23.0	7.21	1.39	1	0.71	132	4500	61.43
1335	23.0	7.20	1.40	1	0.69	130	5400	61.43

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>5.4L</u>
Sampling Time: <u>1336</u>	Sampling Date: <u>5-4-21</u>
Sample I.D.: <u>EXP-4</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See r.i.c.</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-4-21
Well I.D.: EXP-5	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 113.29	Depth to Water: Pre: 53.47 Post: 53.53
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: 0824 Flow Rate: 500 ml/min Pump Depth: 108'

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
0827	21.5	7.21	1293	5	2.15	145.8	1500	53.53
0830	21.5	7.20	1331	5	1.72	131.9	3000	53.53
0833	21.8	7.19	1349	4	1.43	112.1	4500	53.53
0836	22.0	7.18	1364	4	1.39	82.3	6000	53.53
0839	22.0	7.18	1368	4	1.35	79.5	7500	53.53
0842	22.0	7.18	1370	4	1.33	77.1	9000	53.53

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 9000 ml
Sampling Time: <u>0843</u>	Sampling Date: 5-4-21
Sample I.D.: EXP-5	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	<u>Other</u> : see C.D.C.
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-3-21
Well I.D.: MW-0-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 34.46	Depth to Water: Pre: Dry Post:
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: _____ Flow Rate: _____ Pump Depth: _____

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
			<u>well</u>	<u>Dry</u>				
			<u>NO SAMPLE TAKEN</u>					

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.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-5-21
Well I.D.: MW-0-2	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 37.86	Depth to Water: Pre: 32.94 Post: 33.06
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: 1201 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
1204	24.2	6.81	1549	18	0.31 119.14	-119.2	600	33.06
1207	24.4	6.79	1553	15	0.25	-125.4	1200	33.06
1210	24.6	6.72	1562	15	0.23	-132.9	1800	33.06
1213	24.7	6.71	1563	14	0.22	-136.4	2400	33.06
1216	24.8	6.72	1564	15	0.21	-139.8	3000	33.06
1219	24.8	6.72	1563	15	0.21	-141.2	3600	33.06

Did well dewater? Yes <input type="checkbox"/> <u>No</u> <input checked="" type="checkbox"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1220	Sampling Date: 5-5-21
Sample I.D.: MW-0-2	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	<u>Other: see C.O.C</u>
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-J4-1	Client: KMEP
Sampler: 676	Start Date: 5.5.21
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 51.98	Depth to Water: Pre: 36.96 Post: 37.00
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: 1156 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
1159	23.6	7.17	2.68	21	1.72	-42	600	37.00
1202	23.6	7.11	2.66	16	1.47	-46	1200	37.00
1205	23.8	7.10	2.66	12	1.29	-48	1800	37.00
1208	23.8	7.07	2.63	10	1.22	-51	2400	37.00
1211	23.9	7.07	2.63	9	1.20	-53	3000	37.00
1214	23.9	7.06	2.61	9	1.20	-56	3600	37.00

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

Sampling Time: 1215 Sampling Date: 5.5.21

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

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210903-JA-1	Client: KMEP
Sampler: G6	Start Date: 5.5.21
Well I.D.: MW-7	Well Diameter: 2 3 ④ 6 8 _____
Total Well Depth: 53.53	Depth to Water: Pre: 37.70 Post: 37.81
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: 1403 Flow Rate: 200 mL/min Pump Depth: 50'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1406	23.9	7.11	3.06	29	1.09	-22.0	600	37.81
1409	24.0	7.04	3.19	21	1.02	-24	1200	37.81
1412	24.0	7.00	3.22	16	0.82	-26	1800	37.81
1415	23.8	6.99	3.27	13	0.76	-26	2400	37.81
1418	23.8	6.99	3.30	12	0.74	-29	3000	37.81
1421	23.9	6.97	3.31	12	0.71	-31	3600	37.81

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3.6L
Sampling Time: 1422	Sampling Date: 5.5.21
Sample I.D.: MW-7	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See GC
Equipment Blank I.D.: EB-3 @	Duplicate I.D.:
Time 1450	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210903-	Client: KMEP
Sampler: VS	Start Date: 5-4-21
Well I.D.: MW-8	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.60	Depth to Water: Pre: 30.70 Post: 30.84
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: 1135 Flow Rate: 200ml/min Pump Depth: 45'

Time	Temp. (C or F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1136	23.5	7.21	1201	19	1.41	86.4	600	30.84
1141	23.8	7.19	1193	15	1.29	84.6	1200	30.84
1144	24.1	7.19	1198	15	1.27	80.1	1800	30.84
1147	24.4	7.15	1195	11	1.22	77.6	2400	30.84
1150	24.5	7.15	1192	8	1.14	75.9	3000	30.84
1153	24.5	7.15	1190	7	1.12	74.6	3600	30.84
1156	24.6	7.14	1188	7	1.08	72.3	4200	30.84

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 4200
Sampling Time: 1157	Sampling Date: 5-4-21
Sample I.D.: MW-8	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: see C.O.C
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-	Client: KMEP
Sampler: KT	Start Date: 5.5.21
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 91.97	Depth to Water: Pre: 35.03 Post: 35.81
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: 0941 Flow Rate: 150 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
0944	26.4	7.39	1800	36	1.31	-69.7	450	35.80
0947	26.2	7.35	1796	33	1.25	-65.3	900	35.81
0950	26.1	7.32	1790	26	1.21	-62.9	1350	35.81
0953	26.1	7.32	1788	20	1.12	-61.5	1800	35.81
0956	26.0	7.32	1781	19	1.06	-61.3	2250	35.81
0959	26.0	7.32	1783	18	1.03	-60.9	2700	35.81
1002	26.0	7.31	1785	16	1.00	-60.7	3150	35.81

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 3150
Sampling Time: 1003	Sampling Date: 5.5.21
Sample I.D.: MW-9	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: Dup-1 @ X

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JW	Start Date: 5-6-21
Well I.D.: MW-12	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 51.80	Depth to Water: Pre: 35.23 Post: 35.34
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: 1143 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
1146	23.3	7.15	1437	8	0.89	19.0	600	35.34
1149	23.3	7.14	1432	7	0.85	17.8	1200	35.34
1152	23.5	7.14	1438	7	0.78	17.7	1800	35.34
1155	23.9	7.12	1434	5	0.64	15.8	2400	35.34
1158	24.1	7.12	1434	5	0.60	14.1	3000	35.34
1201	24.2	7.11	1436	5	0.58	13.5	3600	35.34

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1202	Sampling Date: 5-6-21
Sample I.D.: MW-12	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: <u>See r.i.o.c</u>
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503	Client: KMEP
Sampler: KT	Start Date: 5.5.21
Well I.D.: MW-15R	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 52.28	Depth to Water: Pre: 33.57 Post: 33.71
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: 0813 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
0816	25.3	7.23	1396	22	0.89	6.0	600	33.69
0819	25.5	7.19	1399	18	0.83	3.6	1200	33.71
0822	25.6	7.15	1407	15	0.75	-2.9	1800	33.71
0825	25.6	7.13	1410	13	0.73	-6.4	2400	33.71
0828	25.6	7.12	1411	12	0.69	-10.3	3000	33.71
0831	25.6	7.12	1412	9	0.65	-14.9	3600	33.71
0834	25.7	7.12	1412	10	0.63	-16.3	4200	33.71

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 4200
Sampling Time: 0835	Sampling Date: 5.5.21
Sample I.D.: MW-15R	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 2105032TA1	Client: KMEP
Sampler: KF	Start Date: 5.6.21
Well I.D.: MW-18 (mid)	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 65.32	Depth to Water: Pre: 38.57 Post: 38.72
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: 1235 Flow Rate: 200ml/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
1228	26.2	6.83	3011	31	1.31	-10.6	600	38.70
1231	26.1	6.89	3023	24	1.16	-13.9	1200	38.72
1234	26.4	6.92	3031	21	1.13	-14.6	1800	38.72
1237	26.3	6.93	3043	19	0.94	-16.6	2400	38.72
1240	26.1	6.93	3062	18	0.89	-16.8	3000	38.72
1243	26.1	6.93	3069	15	0.85	-17.3	3600	38.72
1246	26.1	6.93	3072	16	0.87	-17.5	4200	38.72

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 4200
Sampling Time: 1247	Sampling Date: 5.6.21
Sample I.D.: MW-18 (mid)	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: @	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 216503-111	Client: KMEP
Sampler: JA	Start Date: 5-6-21
Well I.D.: MW-19 (mid)	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 62.00	Depth to Water: Pre: 41.65 Post: 41.76
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: 0816 Flow Rate: 200 ml/min Pump Depth: 58'

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
0819	21.3	7.23	3182	8	1.25	-14.5	600	41.76
0822	21.3	7.22	3338	7	1.21	-29.5	1200	41.76
0825	21.3	7.20	3346	5	1.19	-33.5	1800	41.76
0828	21.4	7.19	3352	5	1.16	-35.3	2400	41.76
0831	21.4	7.19	3350	5	1.10	-36.9	3000	41.76
0834	21.4	7.19	3355	5	1.08	-38.1	3600	41.76

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0835 Sampling Date: 5-6-21

Sample I.D.: MW-19 (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 #: <u>210503-11-1</u>	Client: KMEP
Sampler: <u>W</u>	Start Date: <u>5.5.21</u>
Well I.D.: <u>MW-20(M10)</u>	Well Diameter: 2 3 (4) 6 8 _____
Total Well Depth: <u>56.66</u>	Depth to Water: Pre: <u>39.00</u> Post: <u>39.12</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>EVO</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: 1237 Flow Rate: 200 ml/min 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
1240	23.8	7.27	238	31	1.97	-12.0	300	39.08
1243	23.8	7.21	241	26	1.92	-14.0	600	39.12
1246	23.7	7.17	244	22	1.90	-16.0	900	39.12
1249	23.7	7.15	246	20	1.87	-21.0	1200	39.12
1252	23.8	7.11	246	17	1.84	-22.0	1500	39.12
1255	23.8	7.08	249	16	1.81	-26.0	1800	39.12
1258	23.9	7.07	250	16	1.80	-28.0	2100	39.12

Did well dewater? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>212</u>
Sampling Time: 1258 <u>1300</u>	Sampling Date: <u>5.5.21</u>
Sample I.D.: <u>MW-20(M10)</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See Ccc</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA-1	Client: KMEP
Sampler: GA	Start Date: 5.5.21
Well I.D.: MW-21(M10)	Well Diameter: 2 3 ④ 6 8 _____
Total Well Depth: 62.04	Depth to Water: Pre: 37.06 Post: 37.10
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: 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
1033	23.0	6.74	1.69	10	0.92	-32	300	37.10
1036	23.0	6.74	1.67	6	0.67	-36	1200	37.10
1039	23.1	6.73	1.66	4	0.59	-39	1800	37.10
1042	23.1	6.71	1.66	3	0.46	-41	2400	37.10
1045	23.2	6.71	1.64	2	0.43	-43	3000	37.10
1048	23.2	6.70	1.64	2	0.40	-45	3600	37.10

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3.6L
Sampling Time: 1049	Sampling Date: 5.5.21
Sample I.D.: MW-21(M10)	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.: OUP-3

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-JA1</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>5.6.21</u>
Well I.D.: <u>MW-SF-1</u>	Well Diameter: 2 3 4 <u>6</u> 8 _____
Total Well Depth: <u>41.25</u>	Depth to Water: Pre: <u>38.03</u> Post: <u>38.13</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: 1039 Flow Rate: 150 ml/min Pump Depth: 40'

Time	Temp. (<u>C</u> or °F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
<u>1042</u>	<u>26.4</u>	<u>7.24</u>	<u>2539</u>	<u>29</u>	<u>0.64</u>	<u>39.6</u>	<u>450</u>	<u>38.11</u>
<u>1045</u>	<u>26.2</u>	<u>7.20</u>	<u>2643</u>	<u>27</u>	<u>0.80</u>	<u>43.2</u>	<u>900</u>	<u>38.13</u>
<u>1048</u>	<u>25.9</u>	<u>7.18</u>	<u>2650</u>	<u>25</u>	<u>0.74</u>	<u>40.3</u>	<u>1350</u>	<u>38.13</u>
<u>1051</u>	<u>25.8</u>	<u>7.15</u>	<u>2654</u>	<u>21</u>	<u>0.70</u>	<u>49.9</u>	<u>1800</u>	<u>38.13</u>
<u>1054</u>	<u>25.8</u>	<u>7.13</u>	<u>2658</u>	<u>20</u>	<u>0.64</u>	<u>51.2</u>	<u>2250</u>	<u>38.13</u>
<u>1057</u>	<u>25.7</u>	<u>7.12</u>	<u>2659</u>	<u>20</u>	<u>0.62</u>	<u>53.4</u>	<u>2700</u>	<u>38.13</u>
<u>1100</u>	<u>25.7</u>	<u>7.12</u>	<u>2659</u>	<u>20</u>	<u>0.61</u>	<u>55.1</u>	<u>3150</u>	<u>38.13</u>

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3150</u>
Sampling Time: <u>1101</u>	Sampling Date: <u>5.6.21</u>
Sample I.D.: <u>MW-SF-1</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: KT	Start Date: 5.6.21
Well I.D.: MW-SF-4	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 40.40	Depth to Water: Pre: 38.30 Post: 38.37
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: 0951 Flow Rate: 100 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. of mL)	Depth to water
0954	24.8	7.37	2161	43	1.31	-43.9	300	38.37
0957	24.9	7.42	2200	40	1.26	-46.3	600	38.37
1000	25.0	7.45	2214	38	1.22	-48.2	900	38.37
1003	25.2	7.47	2220	35	1.18	-52.9	1200	38.37
1006	25.3	7.48	2227	32	1.15	-55.6	1500	38.37
1009	25.3	7.48	2230	31	1.14	-56.8	1800	38.37
1012	25.3	7.48	2234	30	1.11	-57.0	2400	38.37

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 2400
Sampling Time: 1013	Sampling Date: 5.6.21
Sample I.D.: MW-SF-4	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503JAI	Client: KMEP
Sampler: KT	Start Date: 5.6.21
Well I.D.: MW-SF-0	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 41.51	Depth to Water: Pre: 35.86 Post: 36.05
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: 1357 Flow Rate: 100 mL/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 mL)	Depth to water
1400	28.7	6.93	3361	71000	1.39	-45.9	300	35.99
1403	28.4	7.07	3354	>1000	1.34	-47.9	600	36.04
1406	28.3	7.10	3347	>1000	1.26	-50.4	900	36.05
1409	28.2	7.10	3342	>1000	1.21	-54.4	1200	36.05
1412	28.2	7.11	3340	>1000	1.20	-55.6	1500	36.05
1415	28.2	7.11	3338	>1000	1.16	-57.0	1800	36.05
							"Black Color water"	

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 1800
Sampling Time: 1416	Sampling Date: 5.6.21
Sample I.D.: MW-SF-0	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: ER-8 @ Time 1428	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-</u>	Client: <u>KMEP</u>
Sampler: <u>KT</u>	Start Date: <u>5.4.21</u>
Well I.D.: <u>GMW-SF-7</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>43.30</u>	Depth to Water: Pre: <u>33.56</u> Post: <u>33.79</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: 1056 Flow Rate: 200mL/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. of mL)	Depth to water
<u>1059</u>	<u>21.3</u>	<u>7.81</u>	<u>559</u>	<u>14</u>	<u>3.07</u>	<u>124.9</u>	<u>600</u>	<u>33.79</u>
<u>1102</u>	<u>21.5</u>	<u>7.80</u>	<u>574</u>	<u>12</u>	<u>2.93</u>	<u>127.3</u>	<u>1200</u>	<u>33.79</u>
<u>1105</u>	<u>21.4</u>	<u>7.79</u>	<u>575</u>	<u>10</u>	<u>2.90</u>	<u>129.7</u>	<u>1800</u>	<u>33.79</u>
<u>1108</u>	<u>21.5</u>	<u>7.77</u>	<u>579</u>	<u>9</u>	<u>2.88</u>	<u>130.3</u>	<u>2400</u>	<u>33.79</u>
<u>1111</u>	<u>21.5</u>	<u>7.77</u>	<u>579</u>	<u>9</u>	<u>2.85</u>	<u>132.1</u>	<u>3000</u>	<u>33.79</u>
<u>1114</u>	<u>21.5</u>	<u>7.77</u>	<u>582</u>	<u>7</u>	<u>2.86</u>	<u>133.6</u>	<u>3600</u>	<u>33.79</u>

Did well dewater? Yes No Amount actually evacuated: 3600

Sampling Time: 1115 Sampling Date: 5.4.21

Sample I.D.: GMW-SF-7 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 #: 210503-JA1	Client: <u>KMEP</u> KMEP
Sampler: <u>KT</u>	Start Date: <u>5.4.21</u>
Well I.D.: <u>GMW-SF8</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u> </u>
Total Well Depth: <u>43.66</u>	Depth to Water: Pre: <u>35.00</u> Post: <u>35.31</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: 0941 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 mL)	Depth to water
0944	22.0	7.90	843	31	2.05	59.6	600	35.26
0947	22.5	7.86	903	26	2.05	63.9	1200	35.31
0950	23.2	7.83	907	24	2.02	65.4	1800	35.31
0953	23.5	7.81	909	20	2.00	66.7	2400	35.31
0956	23.7	7.80	913	18	2.58	68.9	3000	35.31
0959	23.8	7.79	915	17	2.55	71.3	3600	35.31
1002	23.9	7.79	917	15	2.54	69.2	4200	35.31

Did well dewater? Yes No Amount actually evacuated: 4200

Sampling Time: 1003 Sampling Date: 5.4.21

Sample I.D.: GMW-SF8 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other:

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-3-21
Well I.D.: MW-5F-14	Well Diameter: 2 3 4 6 8
Total Well Depth: 35.90	Depth to Water: Pre: Dry 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
		—	Well dry		—			
		—	No SAMPLE		TAKEN	—		

Did well dewater? Yes No Amount actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

Sample I.D.: _____ Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-JA1</u>	Client: <u>KMEP</u>
Sampler: <u>KT</u>	Start Date: <u>5-6-21</u>
Well I.D.: <u>MW-SF-15</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>43.65</u>	Depth to Water: Pre: <u>37.53</u> Post: <u>37.60</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: 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
1133	25.8	7.46	2461	25	0.91	-79.3	600	37.60
1136	25.9	7.47	2457	21	0.84	-80.5	1200	37.60
1139	26.0	7.45	2453	18	0.80	-81.2	1800	37.60
1142	26.2	7.44	2452	15	0.77	-83.5	2400	37.60
1145	26.2	7.43	2450 2450	16	0.75	-84.2	3000	37.60
1148	26.2	7.43	2449	14	0.72	-85.5	3600	37.60

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: <u>3600</u>
Sampling Time: <u>1149</u>	Sampling Date: <u>5-6-21</u>
Sample I.D.: <u>MW-SF-15</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-5-21
Well I.D.: GMW-0-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.00	Depth to Water: Pre: 31.10 Post: 31.28
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: 0913 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
0916	21.2	7.21	3190	9	0.72	84.8	900	31.28
0919	21.5	7.16	3178	8	0.65	91.1	1800	31.28
0922	21.7	7.15	3174	8	0.61	95.8	2700	31.28
0925	21.8	7.14	3176	8	0.55	99.7	3600	31.28
0928	21.9	7.14	3078	8	0.53	99.1	4500	31.28
0931	21.9	7.14	3079	8	0.50	98.2	5400	31.28

Did well dewater? Yes No Amount actually evacuated: 5400 mL

Sampling Time: 0932 Sampling Date: 5-5-21

Sample I.D.: GMW-0-1 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 #: 210563-JA1	Client: KMEP
Sampler: JA	Start Date: 6-5-21
Well I.D.: GMW-0-2	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: 49.20	Depth to Water: Pre: 31.06 Post: 31.80
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: 0825 Flow Rate: 100 ml/min Pump Depth: 45'

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
0828	21.5	6.89	3514	5	1.00	99.6	300	31.85 37.85 <u>(14)</u>
0831	21.5	6.91	3564	5	0.91	99.1	600	31.80
0834	21.8	6.98	3575	5	0.83	96.2	900	31.80
0837	21.9	7.00	3577	5	0.79	98.0	1200	31.80
0840	22.0	7.00	3579	5	0.75	97.1	1500	31.80
0843	22.1	7.01	3582	5	0.73	96.9	1800	31.80

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: 1800mL
Sampling Time: 0844	Sampling Date: 6-5-21
Sample I.D.: GMW-0-2	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>216503-JA1</u>	Client: <u>KMEP</u>
Sampler: <u>JA</u>	Start Date: <u>5-3-21</u>
Well I.D.: <u>GMW-0-3</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>47.95</u>	Depth to Water: Pre: <u>31.23</u> Post: <u>31.33</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: 1110 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
<u>1113</u>	<u>24.8</u>	<u>7.11</u>	<u>2549</u>	<u>6</u>	<u>1.46</u>	<u>-74.3</u>	<u>300</u>	<u>31.33</u>
<u>1116</u>	<u>24.0</u>	<u>7.07</u>	<u>2587</u>	<u>4</u>	<u>1.10</u>	<u>-83.6</u>	<u>600</u>	<u>31.33</u>
<u>1119</u>	<u>26.2</u>	<u>7.06</u>	<u>2603</u>	<u>3</u>	<u>1.01</u>	<u>-85.0</u>	<u>900</u>	<u>31.33</u>
<u>1122</u>	<u>26.4</u>	<u>7.05</u>	<u>2606</u>	<u>3</u>	<u>0.45</u>	<u>-86.6</u>	<u>1200</u>	<u>31.33</u>
<u>1125</u>	<u>26.5</u>	<u>7.04</u>	<u>2616</u>	<u>3</u>	<u>0.43</u>	<u>-87.9</u>	<u>1500</u>	<u>31.33</u>
<u>1128</u>	<u>26.5</u>	<u>7.03</u>	<u>2609</u>	<u>3</u>	<u>0.42</u>	<u>-88.1</u>	<u>1800</u>	<u>31.33</u>

Did well dewater? Yes (No) Amount actually evacuated: 1800 mL

Sampling Time: 1129 Sampling Date: 5-4-21

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

Analyzed for: TPHg TPHfp VOC's MTBE (Other: see C.O.L.)

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-3-21
Well I.D.: GMW-0-4	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 48.97	Depth to Water: Pre: 30.71 Post: 30.73
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: 1029 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
1032	24.3	7.10	2326	21	1.25	6.4	300	30.73
1035	24.3	7.07	2235	18	1.01	-6.2	600	30.73
1038	24.4	7.04	2293	19	0.95	-15.6	900	30.77
1041	24.5	7.04	2313	18	0.82	-21.2	1200	30.73
1044	24.5	7.05	2315	18	0.79	-25.4	1500	30.73
1047	24.5	7.05	2316	18	0.77	-27.1	1800	30.73

Did well dewater? Yes No Amount actually evacuated: 1800 mL

Sampling Time: 1048 Sampling Date: 5-4-21

Sample I.D.: GMW-0-4 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 #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-3-21
Well I.D.: GMW-0-5	Well Diameter: 2 3 4 6 8
Total Well Depth: 48.92	Depth to Water: Pre: 31.27 Post: 31.29
Depth to Free Product: -	Thickness of Free Product (feet): ^{JA} 31
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: 0748 Flow Rate: 200 ml/min Pump Depth: 45'

Time	Temp. (C or °F)	pH	Cond. (mS/cm or uS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0851	22.8	7.14	1565	6	1.14	-20.8	600	31.29
0854	22.7	7.09	1547	5	1.10	-23.6	1200	31.29
0952	22.8	7.07	1548	5	1.09	-24.6	1800	31.29
1000	23.2	7.07	1539	5	1.01	-27.4	2400	31.29
1203	23.3	7.07	1541	5	0.98	-27.9	3000	31.29
1206	23.4	7.06	1542	5	0.95	-29.1	3600	31.29

Did well dewater? Yes No	Amount actually evacuated: 3600mL
Sampling Time: 1007	Sampling Date: 5-4-21
Sample I.D.: GMW-0-5	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 #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-5-21
Well I.D.: GHW-0-9	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.92	Depth to Water: Pre: 32.83 Post: 33.04
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: 0945 Flow Rate: ¹⁰⁰ 14300 ml/min Pump Depth: 45'

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
0948	22.1	7.32	2078	14	0.61	-72.3	300	33.01
0951	22.3	7.25	2088	12	0.55	-70.8	600	33.02
0954	22.3	7.24	2092	10	0.53	-65.2	900	33.03
0957	22.5	<u>JA</u> 7.20	2095	9	0.51	-64.3	1200	33.04
1000	22.7	7.19	2099	9	0.46	-62.9	1500	33.04
1003	22.8	7.19	2103	9	0.45	-61.4	1800	33.04
1006	22.9	7.18	2102	9	0.44	-60.1	2100	33.04

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 2100 mL
Sampling Time: 1007	Sampling Date: 5-5-21
Sample I.D.: GHW-0-9	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE <u>Other</u>	See C.O.C.
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-5-21
Well I.D.: GMW-0-10	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 49.44	Depth to Water: Pre: 33.41 Post: 33.72
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: 1017 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
1020	25.2	7.18	2798	17	0.59	-110.3	300	33.64
1023	25.3	7.15	2834	10	0.55	-111.9	400	33.69
1026	25.5	7.14	2972	8	0.43	-114.4	900	33.72
1029	25.6	7.14	3015	8	0.42	-114.1	1200	33.72
1032	25.7	7.13	3029	8	0.41	-114.6	1500	33.72
1036	25.6	7.13	3036	8	0.40	-115.9	1800	33.72

Did well dewater? Yes (No)	Amount actually evacuated: 1800 mL
Sampling Time: 1037	Sampling Date: 5-5-21
Sample I.D.: GMW-0-10	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 #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-4-21
Well I.D.: GMW-0-11	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 47.96	Depth to Water: Pre: 31.89 Post: 32.17
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: 1237 Flow Rate: ²⁰⁰ 1.300 ml/min Pump Depth: 42'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	Depth to water
1237	28.7	7.19	2131	6	0.76	-215.7	600	32.17
1240	29.1	7.17	2130	5	0.51	-259.5	1200	32.17
1243	29.2	7.16	2128	5	0.39	-294.7	1800	32.17
1246	29.3	7.14	2129	5	0.31	-256.3	2400	32.17
1249	29.4	7.14	2131	5	0.30	-297.1	3000	32.17
1252	29.5	7.14	2132	5	0.29	-297.9	3600	32.17

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1253 Sampling Date: 5-4-21

Sample I.D.: GMW-0-11 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 #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-3-21
Well I.D.: GMW-0-12	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: _____	Depth to Water: Pre: 31.66 Post: _____
Depth to Free Product: 31.05	Thickness of Free Product (feet): 0.61
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
			— 0.61' of SPH detected —					
			— NO SAMPLE TAKEN —					

Did well dewater? Yes No Amount actually evacuated: _____
 Sampling Time: _____ Sampling Date: _____
 Sample I.D.: _____ Laboratory: Alpha Analytical
 Analyzed for: ~~TPHg TPHfp VOC's MTBE~~ Other: _____
 Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-5-21
Well I.D.: GMW-0-14	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: ^{JA} 49.48	Depth to Water: Pre: 31.48 Post: 31.73
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: 1301 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
1304	25.9	6.99	2321	25	0.52	-252.1	600	31.72
1307	26.0	6.98	2329	20	0.50	-250.1	1200	31.73
1310	26.5	6.98	2325	18	0.44	-256.5	1800	31.73
1313	26.6	6.97	2321	17	0.42	-259.8	2400	31.73
1316	26.7	6.95	2322	17	0.40	-258.3	3000	31.73
1319	26.8	6.95	2320	17	0.39	-260.1	3600	31.73

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1320 Sampling Date: 5-5-21

Sample I.D.: GMW-0-14 Laboratory: Alpha Analytical

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

Equipment Blank I.D.: @ Time Duplicate I.D.: DUP-6 @ X

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: KT	Start Date: 5-6-21
Well I.D.: BMW-015	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: —	Depth to Water: Pre: — 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
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.:	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-JA1</u>	Client: <u>KMEP</u>
Sampler: <u>KT</u>	Start Date: <u>5.6.21</u>
Well I.D.: <u>GMW-0-16</u>	Well Diameter: 2 3 <u>④</u> 6 8 _____
Total Well Depth: <u>38.54</u>	Depth to Water: Pre: <u>29.49</u> Post: <u>29.62</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>R20</u> Grade	Flow Cell Type: <u>YSI 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0800 Flow Rate: 200ml/min Pump Depth: 44"

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or μS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0811	24.6	7.19	1844	14	1.31	24.9	600	29.58
0814	25.0	7.15	1839	12	1.25	27.4	1200	29.62
0817	25.4	7.14	1835	10	1.21	29.6	1800	29.62
0820	25.6	7.12	1832	9	1.13	30.5	2400	29.62
0823	25.7	7.12	1831	9	1.10	31.2	3000	29.62
0826	25.8	7.12	1831	8	1.08	31.5	3600	29.62
0829	25.8	7.11	1830	8	1.05	31.7	4200	29.62

Did well dewater? Yes No Amount actually evacuated: 4200

Sampling Time: 0830 Sampling Date: 5.6.21

Sample I.D.: GMW-0-16 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 #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-3-21
Well I.D.: GHW-0-17	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: 39.72	Depth to Water: Pre: 31.79 Post: 32.08
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: 0904 Flow Rate: 500 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
0907	23.0	7.42	1887	10	1.20	25.9	1500	32.08
0910	23.2	7.41	1895	9	1.15	18.9	3000	32.09
0913	23.5	7.40	1901	9	1.10	14.8	4500	32.09
0916	23.9	7.41	1904	8	1.07	12.1	6000	32.09
0919	24.2	7.39	1909	8	1.05	10.2	7500	32.09
0922	24.3	7.38	1912	8	1.04	9.4	9000	32.09

Did well dewater? Yes No	Amount actually evacuated: 9000 mL
Sampling Time: 0923	Sampling Date: 5-4-21
Sample I.D.: GHW-0-17	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See C.O.C
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-1	Client: KMEP
Sampler: KT	Start Date: 5.5.21
Well I.D.: Gmw-0-18	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 29.71	Depth to Water: Pre: 29.77 Post: 29.92
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: 1404 Flow Rate: 200ml/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
1407	23.1	7.15	2668	49	0.81	-153.9	600	29.92
1410	23.3	7.12	2731	53	0.75	-156.8	1200	29.92
1413	23.4	7.12	2739	55	0.69	-160.9	1800	29.92
1416	23.4	7.10	2745	57	0.65	-162.4	2400	29.92
1419	23.3	7.10	2751	59	0.62	-164.5	3000	29.92
1422	23.2	7.10	2756	59	0.61	-167.8	3600	29.92
1425	23.2	7.09	2760	58	0.59	-167.9	4200	29.92

Did well dewater? Yes No Amount actually evacuated: 4200

Sampling Time: 1426 Sampling Date: 5.5.21

Sample I.D.: Gmw-0-18 Laboratory: Alpha Analytical

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

Equipment Blank I.D.: EB-5 @ Time 1455 Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: 1KT	Start Date: 5-6-21
Well I.D.: Gmw-0-19	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 39.11	Depth to Water: Pre: 29.50 Post: 29.76
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: 0721 Flow Rate: 100 mL/min Pump Depth: 36"

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or μS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0724	24.8	7.36	1844	13	0.92	54.6	300	29.74
0727	24.9	7.34	1849	12	0.89	53.8	600	29.75
0730	25.2	7.30	1856	9	0.84	51.3	900	29.76
0733	25.3	7.29	1863	7	0.81	50.3	1200	29.76
0736	25.4	7.29	1866	5	0.78	49.8	1500	29.76
0739	25.4	7.29	1869	5	0.80	48.7	1800	29.76

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 1800
Sampling Time: 0740	Sampling Date: 5-6-21
Sample I.D.: Gmw-0-19	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 20503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-4-21
Well I.D.: GMW-0-20	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 37.65	Depth to Water: Pre: 32.07 Post: 32.70
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: 1333 Flow Rate: 200 ml/min Pump Depth: 30'

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
1336	28.3	7.13	2249	3	0.76	-142.1	600	32.70
1339	28.5	7.12	2242	3	0.58	-143.3	1200	32.70
1342	29.2	7.09	2239	3	0.49	-148.2	1800	32.70
1345	29.4	7.08	2244	3	0.45	-149.7	2400	32.70
1348	29.5	7.06	2241	3	0.41	-151.1	3000	32.70
1351	29.7	7.07	2241	3	0.39	-153.4	3600	32.70

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 ml</u>
Sampling Time: <u>1352</u>	Sampling Date: <u>5-4-21</u>
Sample I.D.: <u>GMW-0-20</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: see c.o.c</u>
Equipment Blank I.D.: <u>EB-1</u> @ <u>1430</u> Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-5-21
Well I.D.: GMW-0-21	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 41.40	Depth to Water: Pre: 32.17 Post: 32.36
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: 1102 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
1105	23.1	6.95	1843	15	0.19	-139.2	600	32.27
1108	23.5	6.95	1849	14	0.17	-141.3	1200	32.30
1121	23.9	6.96	1859	10	0.17	-144.9	1800	32.34
<u>JA</u> 1113 1114	24.0	6.96	1862 <u>1862</u> (A)	10	0.16	-150.2	2400	32.35
1117	24.1	6.96	1865	10	0.16	-153.1	3000	32.36
1120	24.1	6.96	1866	10	0.15	-154.1	3600	32.36

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1121 Sampling Date: 5-5-21

Sample I.D.: GMW-0-21 Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-	Client: KMEP
Sampler: KT	Start Date: 5.5.21
Well I.D.: GMW-0-24	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 45.19	Depth to Water: Pre: 33.00 Post: 33.31
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: 200ml/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
1224	22.4	7.39	3063	43	1.11	-116.6	600	33.30
1227	22.5	7.40	3056	39	0.81	-113.9	1200	33.31
1230	22.5	7.41	3060	35	0.75	-108.4	1800	33.31
1233	22.5	7.41	3064	31	0.70	-104.2	2400	33.31
1236	22.6	7.41	3067	29	0.64	-100.3	3000	33.31
1239	22.6	7.41	3069	30	0.62	-100.1	3600	33.31

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600
Sampling Time: 1240	Sampling Date: 5.5.21
Sample I.D.: GMW-0-24	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-4-21
Well I.D.: GMW-0-23	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: 39.33	Depth to Water: Pre: 32.91 Post: 32.93
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: 1153 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
1156	28.3	7.25	2237	10	1.03	-124.8	600	32.93
1159	28.7	7.23	2232	10	0.92	-126.9	1200	32.93
1202	29.1	7.22	2209	10	0.59	-128.4	1800	32.93
1205	29.5	7.22	2233	10	0.37	-129.1	2400	32.93
1208	29.6	7.22	2235	10	0.34	-131.4	3000	32.93
1211	29.6	7.21	2238	10	0.33	-132.4	3600	32.93

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1212 Sampling Date: 5-4-21

Sample I.D.: GMW-0-23 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Others See c.o.c

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-	Client: KMEP
Sampler: K	Start Date: 5.5.21
Well I.D.: GWR-1R	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: 52.41	Depth to Water: Pre: 35.91 Post: 36.14
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: 1029 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 mL)	Depth to water
1032	23.9	6.93	2569	62	1.31	-26.9	600	36.11
1035	24.3	6.99	2593	52	1.27	-29.4	1200	36.14
1036	24.6	7.05	2598	39	1.20	-35.3	1800	36.14
1044	24.7	7.09	2611	34	1.15	-36.9	2400	36.14
1044	24.9	7.11	2621	29	1.14	-39.8	3000	36.14
1047	24.9	7.13	2631	26	1.13	-40.5	3600	36.14
1050	24.9	7.14	2638	25	1.10	-41.2	4200	36.14

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 4200
Sampling Time: 1051	Sampling Date: 5.5.21
Sample I.D.: GMW-1R	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: Dup-2 @ X

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-J&I	Client: KMEP
Sampler: J4	Start Date: 5-3-21
Well I.D.: GMW-1	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: 27.72	Depth to Water: Pre: DRY Post: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: _____ Flow Rate: _____ Pump Depth: _____

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
		—	Well	DM	—			
		—	NO SAMPLE TAKEN			—		

Did well dewater? Yes No	Amount actually evacuated: _____
Sampling Time: _____	Sampling Date: _____
Sample I.D.: _____	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE Other: _____	
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-	Client: KMEP
Sampler: <u>KT</u>	Start Date: 5.5.21
Well I.D.: <u>GMW-4R</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>51.33</u>	Depth to Water: Pre: <u>34.57</u> Post: <u>34.73</u>
Depth to Free Product: <u>-</u>	Thickness of Free Product (feet): <u>-</u>
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: 0858 Flow Rate: 200ml/min Pump Depth: 46"

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
0901	27.0	7.39	1285	26	1.29	-69.7	600	34.73
0904	27.3	7.42	1309	21	1.25	-74.9	1200	34.73
0907	27.3	7.42	1316	16	1.11	-76.9	1800	34.73
0910	27.4	7.43	1322	15	1.05	-88.6	2400	34.73
0913	27.4	7.43	1329	15	0.93	-92.1	3000	34.73
0916	27.4	7.43	1336	14	0.89	-87.9	3600	34.73
0919	27.3	7.43	1334	14	0.85	-85.8	4200	34.73

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>4200</u>
Sampling Time: <u>0920</u>	Sampling Date: <u>5.5.21</u>
Sample I.D.: <u>GMW-4R</u>	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-6-21
Well I.D.: GMW-8	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.54	Depth to Water: Pre: 32.94 Post: 33.28
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: 0733 Flow Rate: 200 ml/min Pump Depth: 38'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
0736	20.5	7.11	625	71000	1.83	-25.1	600	33.28
0739	20.8	7.14	638	71000	1.33	-53.8	1200	33.28
0742	20.7	7.18	632	71000	1.05	-60.5	1800	33.28
0745	21.0	7.20	633	71000	0.98	-68.8	2400	33.28
0748	21.0	7.22	637	71000	0.94	-68.2	3000	33.28
0751	21.0	7.22	635	71000	0.92	-69.1	3600	33.28

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0752 Sampling Date: 5-6-21

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

Analyzed for: TPHg TPHfp VOC's MTBE Other: See C10.0

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

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TB-3 @ 0700

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-6-21
Well I.D.: GMW-9	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 49.51	Depth to Water: Pre: 36.50 Post: 36.61
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: 1238 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
1241	27.7	7.43	2214	36	0.94	14.8	300	36.61
1244	27.6	7.41	2221	34	0.91	3.2	600	36.61
1247	28.1	7.42	2224	31	0.85	-0.4	900	36.61
1250	28.2	7.40	2225	29	0.85	-1.6	1200	36.61
1253	28.2	7.40	2226	28	0.82	-2.5	1500	36.61
1256	28.3	7.39	2225	28	0.79	-3.1	1800	36.61

Did well dewater? Yes (No)	Amount actually evacuated: 1800 mL
Sampling Time: 1257	Sampling Date: 5-6-21
Sample I.D.: GMW-9	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	(Other): Free C.O.C
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: KT	Start Date: 5-6-21
Well I.D.: GMW-10	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: 65.32 46.70	Depth to Water: Pre: 38.57 32.54 Post: 32.62
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: 1308 Flow Rate: 200ml/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
1311	25.1	7.52	1193	39	0.69	-36.9	600	32.62
1314	25.4	7.50	1289	39	0.65	-40.4	1200	32.62
1317	25.4	7.49	1304	28	0.60	-41.5	1800	32.62
1320	25.5	7.47	1319	25	0.58	-43.6	2400	32.62
1323	25.5	7.47	1324	24	0.54	-45.8	3000	32.62
1326	25.5	7.47	1328	22	0.54	-46.4	3600	32.62

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3600
Sampling Time: 1327	Sampling Date: 5-6-21
Sample I.D.: GMW-10	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.: Dup-1X

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>80 210503-</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>5.4.21</u>
Well I.D.: <u>Gmw-13</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>49.60</u>	Depth to Water: Pre: <u>33.18</u> Post: <u>33.39</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: 1326 Flow Rate: 200 mL/min Pump Depth: 45

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or μS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1329	23.1	7.63	733	439	1.59	-161.9	600	33.36
1332	23.4	7.65	731	427	1.50	-159.6	400 1200	33.39
1335	23.7	7.63	728	422	1.44	-154.6	1800	33.39
1338	23.8	7.62	725	416	1.41	-152.8	2400	33.39
1341	23.9	7.62	720	409	1.34	-151.4	3000	33.39
1344	23.9	7.62	719	405	1.30	-150.9	3600	33.39
1347	23.9	7.62	718	400	1.29	-149.8	4200	33.39

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>4200</u>
Sampling Time: <u>1348</u>	Sampling Date: <u>5.4.21</u>
Sample I.D.: <u>Gmw13</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: _____
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-	Client: KMEP
Sampler: FT	Start Date: 5-4-21
Well I.D.: GMW-142	Well Diameter: 2 3 4 6 8
Total Well Depth: 52.25	Depth to Water: Pre: 34.54 Post: 34.63
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: 1409 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
1412	23.5	7.48	1126	31	1.61	136.9	600	34.63
1415	23.6	7.57	1120	24	1.09	132.6	1200	34.63
1418	23.6	7.53	1116	20	0.67	130.5	1800	34.63
1421	23.7	7.55	1112	18	0.49	127.4	2400	34.63
1424	23.8	7.57	1104	14	0.52	123.9	3000	34.63
1427	23.7	7.57	1100	13	0.53	121.4	3600	34.63
1430	23.8	7.57	1102	13	0.55	119.8	4200	34.63

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 4200
Sampling Time: 1431	Sampling Date: 5-4-21
Sample I.D.: GMW-142	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: EB-2 @ Time 1445	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 20503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-3-21
Well I.D.: GMW-23	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: —	Depth to Water: Pre: 38.65 Post: —
Depth to Free Product: 33.30	Thickness of Free Product (feet): 5.35
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
		—	5.35' of SPH Detected					
		— No SAMPLE TAKEN —						

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JM	Start Date: 5-5-21
Well I.D.: GMW-25	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 53.14	Depth to Water: Pre: 37.42 Post: 37.68
Depth to Free Product: -	Thickness of Free Product (feet): ~
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 1410 Flow Rate: 200 ml/min Pump Depth: 51'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or (µS/cm))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1413	25.9	7.22	2496	47	0.65	-76.5	600	37.68
1416	26.0	7.19	2503	25	0.59	-79.9	1200	37.68
1419	26.3	7.18	2452	12	0.57	-81.4	1800	37.68
1422	26.1	7.15	2438	10	0.51	-83.0	2400	37.68
1425	26.5	7.14	2455	10	0.49	-84.1	3000	37.68
1428	26.5	7.13	2459	10	0.47	-86.3	3600	37.68

Did well dewater? Yes (No)	Amount actually evacuated: 3600 mL
Sampling Time: 1429	Sampling Date: 5-5-21
Sample I.D.: GMW-25	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	(Other): see u.o.c
Equipment Blank I.D.: EB-4 @ 1457 <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-6-21
Well I.D.: GHW-26	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 48.23	Depth to Water: Pre: 34.08 Post: 34.36
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: 0930 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
0933	22.2	7.09	3539	25	0.92	-3.2	600	34.36
0936	22.5	7.07	3552	23	0.79	1.2	1200	34.36
0939	22.8	7.05	3548	21	0.71	2.0	1800	34.36
0942	22.9	7.04	3551	20	0.69	4.6	2400	34.36
0945	23.0	7.04	3553	20	0.67	5.9	3000	34.36
0948	23.1	7.04	3557	20	0.67	7.2	3600	34.36

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0949 Sampling Date: 5-6-21

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

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-341	Client: KMEP
Sampler: JA	Start Date: 5-6-21
Well I.D.: GMW-28	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.32	Depth to Water: Pre: 34.14 Post: 34.40
Depth to Free Product: -	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 1007 Flow Rate: 200 ml/min Pump Depth: 45'

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
1010	23.8	7.25	3602	10	0.95	-33.8	600	34.38
1013	24.5	7.21	3515	8	0.81	-44.5	1200	34.39
1016	24.9	7.20	3535	8	0.71	-46.6	1800	34.40
1019	25.5	7.18	3558	7	0.66	-48.2	2400	34.40
1022	25.7	7.17	3556	7	0.61	-49.5	3000	34.40
1025	25.8	7.17	3563	7	0.59	-50.2	3600	34.40

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1026 Sampling Date: 5-6-21

Sample I.D.: GMW-28 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 #: 210503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-3-21
Well I.D.: GMW-29	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: —	Depth to Water: Pre: 34.53 Post: —
Depth to Free Product: 34.25	Thickness of Free Product (feet): 0.38
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
			— 0.38' of SPH detected —					
			— NO SAMPLE TAKEN —					

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time: _____	Sampling Date: _____
Sample I.D.: _____	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-1A1	Client: KMEP
Sampler: JA	Start Date: 5-3-21
Well I.D.: GHW-30	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: —	Depth to Water: Pre: 34.29 Post: —
Depth to Free Product: 34.25	Thickness of Free Product (feet): 0.04
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
		—	0.04 ⁰	of SPH Detected			—	
		—	confirmed w/ Bal/or					
		—	NO SAMPLE TAKEN					

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA1	Client: KMEP
Sampler: KT	Start Date: 5.6.21
Well I.D.: GMW-36	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: 59.45	Depth to Water: Pre: 30.69 Post: 30.76
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: 0906 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
0909	24.7	7.00	2014	21	0.79	-113.6	600	30.75
0912	25.0	6.98	2011	15	0.70	-115.6	1200	30.76
0915	25.3	6.94	1989	12	0.64	-116.2	1800	30.76
0918	25.4	6.90	1992	10	0.60	-118.4	2400	30.76
0921	25.4	6.88	1991	9	0.57	-119.6	3000	30.76
0924	25.5	6.88	1989	9	0.54	-119.9	3600	30.76
0927	25.5	6.88	1990	10	0.52	-119.7	4200	30.76

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: <u>4200</u>
Sampling Time: <u>0928</u>	Sampling Date: <u>5.6.21</u>
Sample I.D.: <u>GMW-36</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-K</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>5.4.21</u>
Well I.D.: <u>GMW-37</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>53.53</u>	Depth to Water: Pre: <u>35.94</u> Post: <u>36.02</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: 0850 Flow Rate: 200 ml/min Pump Depth: 45'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
<u>0853</u>	<u>22.7</u>	<u>7.51</u>	<u>1006</u>	<u>8</u>	<u>1.44</u>	<u>112.6</u>	<u>600</u>	<u>36.02</u>
<u>0856</u>	<u>22.9</u>	<u>7.50</u>	<u>989</u>	<u>4</u>	<u>1.37</u>	<u>116.4</u>	<u>1200</u>	<u>36.02</u>
<u>0859</u>	<u>22.2</u>	<u>7.47</u>	<u>975</u>	<u>4</u>	<u>1.35</u>	<u>117.9</u>	<u>1800</u>	<u>36.02</u>
<u>0902</u>	<u>22.4</u>	<u>7.46</u>	<u>974</u>	<u>4</u>	<u>1.31</u>	<u>118.7</u>	<u>2400</u>	<u>36.02</u>
<u>0905</u>	<u>22.4</u>	<u>7.46</u>	<u>975</u>	<u>3</u>	<u>1.33</u>	<u>118.9</u>	<u>3000</u>	<u>36.02</u>
<u>0908</u>	<u>22.5</u>	<u>7.45</u>	<u>975</u>	<u>3</u>	<u>1.35</u>	<u>119.2</u>	<u>3600</u>	<u>36.02</u>

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600</u>
Sampling Time: <u>0909</u>	Sampling Date: <u>5.4.21</u>
Sample I.D.: <u>GMW-37</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: _____
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 2105220508 210503	Client: KMEP
Sampler: <i>KT</i>	Start Date: <i>5.4.21</i>
Well I.D.: <i>GMW-38</i>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <i>53.04</i>	Depth to Water: Pre: <i>34.15</i> Post: <i>34.27</i>
Depth to Free Product: <i>—</i>	Thickness of Free Product (feet): <i>—</i>
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: 1022 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
<i>1025</i>	<i>21.6</i>	<i>7.68</i>	<i>770</i>	<i>44</i>	<i>1.23</i>	<i>138.5</i>	<i>600</i>	<i>34.26</i>
<i>1028</i>	<i>22.0</i>	<i>7.65</i>	<i>774</i>	<i>32</i>	<i>1.16</i>	<i>135.8</i>	<i>1200</i>	<i>34.27</i>
<i>1031</i>	<i>22.2</i>	<i>7.64</i>	<i>775</i>	<i>21</i>	<i>1.11</i>	<i>134.9</i>	<i>1800</i>	<i>34.27</i>
<i>1034</i>	<i>22.3</i>	<i>7.62</i>	<i>777</i>	<i>19</i>	<i>1.08</i>	<i>132.6</i>	<i>2400</i>	<i>34.27</i>
<i>1037</i>	<i>22.3</i>	<i>7.61</i>	<i>778</i>	<i>19</i>	<i>1.05</i>	<i>132.8</i>	<i>3000</i>	<i>34.27</i>
<i>1040</i>	<i>22.4</i>	<i>7.61</i>	<i>779</i>	<i>18</i>	<i>1.02</i>	<i>132.4</i>	<i>3600</i>	<i>34.27</i>

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <i>3600</i>
Sampling Time: <i>1041</i>	Sampling Date: <i>5.4.21</i>
Sample I.D.: <i>GMW-38</i>	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210# 210503-	Client: KMEP
Sampler: KT	Start Date: 5.4.21
Well I.D.: GMW-39	Well Diameter: 2 3 (4) 6 8 _____
Total Well Depth: 50.58	Depth to Water: Pre: 33.86 Post: 34.05
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: **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
1224	22.4	7.59	1163	10	1.94	136.8	300	33.97
1227	22.5	7.54	1175	8	1.75	133.7	600	33.99
1230	22.6	7.52	1196	5	1.67	129.6	900	34.03
1233	22.6	7.52	1204	4	1.59	125.4	1200	34.05
1236	22.6	7.51	1210	4	1.54	124.3	1500	34.05
1239	22.5	7.50	1214	3	1.52	122.8	1800	34.05
1242	22.5	7.49	1215	4	1.49	121.9	2100	34.05

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 2100
Sampling Time: 1243	Sampling Date: 5.4.21
Sample I.D.: GMW-39	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: @	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JR1	Client: KMEP
Sampler: JA	Start Date: 5-6-21
Well I.D.: HL-2	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 39.03	Depth to Water: Pre: 36.43 Post: 36.92
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 hand beat

Start Purge Time: _____ Flow Rate: _____ Pump Depth: _____

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
1057	22.6	7.28	3568	214	1.18	21.8	1000	36.81
1059	22.7	7.19	3583	256	1.10	10.9	2000	37.15

Did well dewater? Yes No Amount actually evacuated: 2000 mL

Sampling Time: 1110 Sampling Date: 5-6-21

Sample I.D.: HL-2 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: see r.o.c.

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA-1	Client: KMEP
Sampler: GG	Start Date: 5-5-21
Well I.D.: HL-3	Well Diameter: 2 3 (4) 6 8 _____
Total Well Depth: 41.40	Depth to Water: Pre: 36.40 Post: 36.48
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: 1115 ~~1109~~ 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
1118	23.9	6.66	1.60	16	2.69	34	600	36.48
1121	24.0	6.63	1.59	12	1.47	33	1200	36.48
1124	24.0	6.63	1.58	10	0.94	31	1800	36.48
1127	24.0	6.61	1.56	9	0.91	29	2400	36.48
1130	24.1	6.61	1.55	9	0.87	28	3000	36.48

Did well dewater? Yes (No)	Amount actually evacuated: 3.0L
Sampling Time: 1131	Sampling Date: 5-5-21
Sample I.D.: HL-3	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See Cor
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-3A-1</u>	Client: <u>KMEP</u>
Sampler: <u>GL</u>	Start Date: <u>5.4.21</u>
Well I.D.: <u>WCCW-2</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>52.45</u>	Depth to Water: Pre: <u>35.38</u> Post: <u>35.57</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PV</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: 0932 Flow Rate: 300 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 <u>ml</u>)	Depth to water
<u>0935</u>	<u>21.9</u>	<u>6.95</u>	<u>2.43</u>	<u>46</u>	<u>0.91</u>	<u>56.0</u>	<u>900</u>	<u>35.57</u>
<u>0938</u>	<u>22.1</u>	<u>6.94</u>	<u>2.42</u>	<u>42</u>	<u>0.67</u>	<u>52.0</u>	<u>1800</u>	<u>35.57</u>
<u>0941</u>	<u>22.2</u>	<u>6.91</u>	<u>2.41</u>	<u>37</u>	<u>0.50</u>	<u>49.0</u>	<u>2700</u>	<u>35.57</u>
<u>0945</u>	<u>22.2</u>	<u>6.90</u>	<u>2.40</u>	<u>36</u>	<u>0.49</u>	<u>47.0</u>	<u>3600</u>	<u>35.57</u>
<u>0948</u>	<u>22.3</u>	<u>6.90</u>	<u>2.40</u>	<u>34</u>	<u>0.46</u>	<u>44.0</u>	<u>4500</u>	<u>35.57</u>

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>4.5</u>
Sampling Time: <u>0950</u>	Sampling Date: <u>5.4.21</u>
Sample I.D.: <u>WCCW-2</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See Ca</u>
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210903-JA-1</u>	Client: <u>KMEP</u>
Sampler: <u>66</u>	Start Date: <u>5.4.21</u>
Well I.D.: <u>WCW-3</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>50.47</u>	Depth to Water: Pre: <u>36.40</u> Post: <u>36.49</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: 1014 Flow Rate: 200ml/min Pump Depth: 45

Time	Temp. (<u>C</u> or °F)	pH	Cond. (<u>mS/cm</u> or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	Depth to water
1017	23.0	6.72	3.71	8	0.94	81	600	36.49
1020	23.0	6.70	3.70	6	0.37	79	1200	36.49
1023	23.2	6.70	3.69	4	0.31	78	1800	36.49
1026	23.2	6.69	3.69	3	0.28	76	2400	36.49
1029	23.3	6.69	3.69	3	0.27	74	3000	36.49

Did well dewater? Yes No Amount actually evacuated: 3.0L

Sampling Time: 1030 Sampling Date: 5.4.21

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

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210903-JA-1	Client: KMEP
Sampler: GA	Start Date: 5.4.21
Well I.D.: WCW-4	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: 57.90	Depth to Water: Pre: 38.50 Post: 38.76
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: **Grundfos Pump** Peristaltic Pump Bladder Pump
 Sampling Method: **Dedicated Tubing** New Tubing Other _____
 Start Purge Time: **1400** 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
1403	25.1	6.89	3.14	49	0.81	-46	600	38.72
1406	25.1	6.88	3.15	36	0.76	-44	1200	38.76
1409	25.3	6.86	3.17	23	0.70	-43	1800	38.76
1412	25.3	6.86	3.19	15	0.71	-41	2400	38.76
1415	25.4	6.83	3.20	11	0.68	-43	3000	38.76
1418	25.4	6.81	3.20	11	0.66	-46	3600	38.76
1421	25.5	6.81	3.21	10	0.63	-47	4200	38.76

* Stinger might be down well / obstruction

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 4.2L
Sampling Time: 1422	Sampling Date: 5.4.21
Sample I.D.: WCW-4	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: @	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-JA-1</u>	Client: <u>KMEP</u>
Sampler: <u>AS</u>	Start Date: <u>5-4-21</u>
Well I.D.: <u>WCW-5</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>50.23</u>	Depth to Water: Pre: <u>33.30</u> Post: <u>33.49</u>
Depth to Free Product:	Thickness of Free Product (feet):
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: 0622 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
0625	23.9	6.73	2.58	10	0.82	158	600	33.46
0628	24.0	6.71	2.57	6	0.76	160	1200	33.49
0631	24.1	6.70	2.54	4	0.73	161	1800	33.49
0634	24.2	6.70	2.56	4	0.71	162	2400	33.49
0637	24.2	6.70	2.58	4	0.70	159	3000	33.49

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3.0L</u>
Sampling Time: <u>0638</u>	Sampling Date: <u>5-4-21</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 Coc</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-SF 1</u>	Client: <u>KMEP</u>
Sampler: <u>AG</u>	Start Date: <u>5/4/21</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>35.36</u> Post: <u>35.44</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: 0855 Flow Rate: 200ml/min Pump Depth: 46.00

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
0858	22.8	6.46	2.60	19	0.75	-7.0	600	35.44
0901	23.0	6.46	2.61	16	0.72	-19.0	1200	35.44
0904	23.0	6.43	2.57	13	0.69	-19.0	1800	35.44
0907	23.1	6.41	2.58	12	0.62	-19.0	2400	35.44
0910	23.1	6.41	2.58	12	0.60	-23.6	3000	35.44

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3.0L</u>
Sampling Time: <u>0911</u>	Sampling Date: <u>5.4.21</u>
Sample I.D.: <u>WCW-6</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See CoC</u>
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA-1	Client: KMEP
Sampler: <u>WH</u>	Start Date: 5.5.21
Well I.D.: <u>WCW-7</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 51.50	Depth to Water: Pre: 36.66 Post: 36.80
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: 0941 Flow Rate: 200 mL/min Pump Depth: 48'

Time	Temp. (<u>C</u> or °F)	pH	Cond. (<u>mS/cm</u> or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
0944	22.9	6.70	3.96	86	0.71	64	600	36.78
0947	23.6	6.70	3.97	79	0.46	63	1200	36.80
0950	23.8	6.69	3.96	66	0.41	61	1800	36.80
0953	23.8	6.66	3.98	52	0.39	58	2400	36.80
0956	23.9	6.64	3.99	51	0.37	56	3000	36.80
0959	23.9	6.61	4.00	49	0.35	54	3600	36.80

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

Sampling Time: 1000 Sampling Date: 5.5.21

Sample I.D.: WCW-7 Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-8A-1</u>	Client: KMEP
Sampler: <u>uh</u>	Start Date: <u>5.5.21</u>
Well I.D.: <u>wcw-8</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>57.39</u>	Depth to Water: Pre: <u>37.62</u> Post: <u>37.76</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: 0841 Flow Rate: 200 mL/min Pump Depth: 98'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
<u>0844</u>	<u>23.6</u>	<u>7.11</u>	<u>2.87</u>	<u>18</u>	<u>1.35</u>	<u>46</u>	<u>600</u>	<u>37.74</u>
<u>0847</u>	<u>23.8</u>	<u>7.08</u>	<u>2.90</u>	<u>16</u>	<u>1.17</u>	<u>41</u>	<u>1200</u>	<u>37.76</u>
<u>0850</u>	<u>23.9</u>	<u>7.06</u>	<u>2.92</u>	<u>13</u>	<u>1.04</u>	<u>32</u>	<u>1800</u>	<u>37.76</u>
<u>0853</u>	<u>23.9</u>	<u>7.06</u>	<u>2.93</u>	<u>11</u>	<u>0.97</u>	<u>30</u>	<u>2400</u>	<u>37.76</u>
<u>0856</u>	<u>24.0</u>	<u>7.04</u>	<u>2.94</u>	<u>10</u>	<u>0.94</u>	<u>27</u>	<u>3000</u>	<u>37.76</u>
<u>0859</u>	<u>24.0</u>	<u>7.01</u>	<u>2.94</u>	<u>10</u>	<u>0.91</u>	<u>25</u>	<u>3600</u>	<u>37.76</u>

Did well dewater? Yes <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3.6L</u>
Sampling Time: <u>0900</u>	Sampling Date: <u>5.5.21</u>
Sample I.D.: <u>wcw-8</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: _____
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-JA-1</u>	Client: <u>KMEP</u>
Sampler: <u>GL</u>	Start Date: <u>5-4-21</u>
Well I.D.: <u>WCW-12</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>59.90</u>	Depth to Water: Pre: <u>36.77</u> Post: <u>36.92</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: 1111 Flow Rate: 300ml/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
1114	23.0	6.94	1.64	68	0.97	121	900	36.88
1117	23.0	6.92	1.62	65	0.84	123	1800	36.92
1120	23.0	6.91	1.61	62	0.79	124	2900	36.92
1123	23.2	6.90	1.60	60	0.77	127	3600	36.92
1126	23.2	6.88	1.60	59	0.80	128	4500	36.92
1129	23.1	6.88	1.61	57	0.81	129	5400	36.92

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: <u>6.4L</u>
Sampling Time: <u>1130</u>	Sampling Date: <u>5-4-21</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 Cec</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>210503-JA-1</u>	Client: <u>KMEP</u>
Sampler: <u>GA</u>	Start Date: <u>5.4.21</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>38.64</u> Post: <u>38.70</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: 1158 Flow Rate: 200ml/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
1201	22.9	7.10	1.94	56	0.89	24	600	38.70
1204	22.9	7.07	1.91	44	0.66	27	1200	38.70
1207	23.0	7.05	1.93	41	0.51	29	1800	38.70
1210	23.1	7.05	1.93	38	0.46	31	2400	38.70
1213	23.2	7.03	1.94	36	0.30	33	3000	38.70
1216	23.2	7.01	1.95	35	0.27	36	3600	38.70
1219	23.3	7.01	1.95	35	0.23	36	4200	38.70

Did well dewater? Yes No Amount actually evacuated: 4.2L

Sampling Time: 1200 Sampling Date: 5.4.21

Sample I.D.: WCW-13 Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-JA-1	Client: KMEP
Sampler: CW	Start Date: 5-5-21
Well I.D.: WCV-14	Well Diameter: 2 3 ④ 6 8 _____
Total Well Depth: 58.00	Depth to Water: Pre: 39.67 Post: 39.77
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: 0800 Flow Rate: 200ml/min Pump Depth: 72'

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
0803	23.4	7.22	2.23	66	1.31	63	600	39.74
0806	23.5	7.20	2.21	58	1.26	69	1200	39.77
0809	23.5	7.17	2.21	46	1.17	71	1800	39.77
0812	23.6	7.17	2.20	39	1.10	77	2400	39.77
0815	23.6	7.16	2.20	33	1.04	79	3000	39.77
0818	23.6	7.15	2.20	29	1.01	81	3600	39.77
0821	23.7	7.14	2.20	28	1.00	83	4200	39.77
0824	23.7	7.14	2.21	27	0.99	86	4800	39.77

Did well dewater? Yes No Amount actually evacuated: 48L

Sampling Time: 0825 Sampling Date: 5-5-21

Sample I.D.: WCV-14 Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 216503-JA1	Client: KMEP
Sampler: JA	Start Date: 5-6-21
Well I.D.: PW-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.88	Depth to Water: Pre: 33.54 Post: 33.71
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: 0852 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
0855	21.9	7.36	1824	82	1.06	-34.0	900	33.70
0858	22.7	7.30 <u>7.0</u>	1803	65	0.90	-20.3	1800	33.71
0901	23.2	7.29	1824	54	0.80	-17.0	2700	33.71
0904	23.5	7.28	1830	53	0.73	-17.9	3600	33.71
0907	23.6	7.28	1833	51	0.71	-18.6	5400	33.71

Did well dewater? Yes No Amount actually evacuated: 5400 mL

Sampling Time: 0908 Sampling Date: 5-6-21

Sample I.D.: PW-3 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>210503-</u>	Client: <u>KMEP</u>
Sampler: <u>K7</u>	Start Date: <u>5.5.21</u>
Well I.D.: <u>P2-2</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>48.75</u>	Depth to Water: Pre: <u>33.31</u> Post: <u>33.45</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>(PVC)</u> Grade	Flow Cell Type: <u>YSI 556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1124 Flow Rate: 200ml/min Pump Depth: 46"

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
1127	25.7	7.03	2613	59	1.13	-36.1	600	33.45
1130	25.7	6.97	2596	50	0.84	-39.5	1200	33.45
1133	25.8	6.95	2588	48	0.79	-41.2	1800	33.45
1136	25.9	6.92	2583	44	0.75	-43.6	2400	33.45
1139	25.9	6.90	2579	39	0.72	-45.6	3000	33.45
1142	25.9	6.89	2573	37	0.71	-46.4	3600	33.45

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: <u>3600</u>
Sampling Time: <u>1143</u>	Sampling Date: <u>5.5.21</u>
Sample I.D.: <u>P2-2</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: <u>Dup 4 @ X</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210503-	Client: KMEP
Sampler: KT	Start Date: 5.5.21
Well I.D.: PZ-5	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 37.97	Depth to Water: Pre: 29.57 Post: 29.66
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: 1316 Flow Rate: 200 ml/min Pump Depth: 36

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1319	23.7	7.31	2361	21	0.73	-92.9	600	29.65
1322	23.9	7.28	2359	16	0.69	-95.1	1200	29.66
1325	23.9	7.25	2302	14	0.65	-94.3	1800	29.66
1328	24.0	7.24	2355	12	0.62	-90.8	2400	29.66
1331	24.0	7.23	2350	12	0.59	-90.5	3000	29.66
1334	24.0	7.23	2348	10	0.58	-89.6	3600	29.66
1337	24.0	7.22	2345	10	0.57	-88.9	4200	29.66

Did well dewater? Yes No Amount actually evacuated: 4200

Sampling Time: 1338 Sampling Date: 5.5.21

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

Analyzed for: TPHg TPHfp VOC's MTBE Other:

Equipment Blank I.D.: @
Time Duplicate I.D.: DUP-5 @ X

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210563-JA1	Client: KMEP
Sampler: JA	Start Date: 5-3-21
Well I.D.: P2-10	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: 27.00	Depth to Water: Pre: dry Post: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: _____ Flow Rate: _____ Pump Depth: _____

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
			Well DRY					
			No SAMPLE TAKEN					

Did well dewater? Yes No	Amount actually evacuated: _____
Sampling Time: _____	Sampling Date: _____
Sample I.D.: _____	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

BLAINE

TECH SERVICES, INC.

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

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 3 of 3

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

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

CHAIN OF CUSTODY

CLIENT: Kinder Morgan

SITE: DFSP Norwalk

15306 Norwalk Blvd, Norwalk

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
EB-3	5-4-21	1445	AQ	6	HCL	VOA	X	X												
EXP-4		1336	AQ	6			X	X												
WCW-2		0950	AQ	6			X	X												
WCW-3		1030	AQ	6			X	X												
WCW-4		1422	AQ	6			X	X												
WCW-5		0838	AQ	6			X	X												
WCW-6		0911	AQ	6			X	X												
WCW-12		1130	AQ	6			X	X												
WCW-13	✓	1720	AQ	6	✓	✓	X	X												

SAMPLING COMPLETED: 5-4-21 | DATE: 5-4-21 | TIME: | SAMPLING PERFORMED BY: *Garrett Graves* | RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: *[Signature]* | TIME: 1545 | RECEIVED BY: | DATE: | TIME: |

RELEASED BY: | TIME: | RECEIVED BY: | DATE: | TIME: |

RELEASED BY: | TIME: | RECEIVED BY: | DATE: | TIME: |

SHIPPED VIA: | TIME SENT: | COOLER #: |

BLAINE

TECH SERVICES, INC.

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

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 1 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	CONTAINERS			TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AQ= Water	#	Preservation	Type												
MW-15R	5.9.21	0835	AQ	6	HCL	VOAS	X	X										
Gmw-4R		0920					X	X										
MW-9		1003					X	X										
DUP-1		—					X	X										
Gmw-1R		1051					X	X										
DUP-2		—					X	X										
PZ-2		1143					X	X										
DUP-4		—					X	X										
Gmw-0-24		1240					X	X										
PZ-5		1330					X	X										

SAMPLING COMPLETED DATE 5.9.21 TIME 1530 SAMPLING PERFORMED BY Kevin Thompson RESULTS NEEDED NO LATER THAN Standard

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

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

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

SHIPPED VIA TIME SENT COOLER #

BLAINE

TECH SERVICES, INC.

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

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 2 of ~~3~~ 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	CONTAINERS		TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AQ= Water	#	Preservation												
DUP-5	5-5-21	—	AQ	6	HCL	VOAG	X	X									
GMW-018	5-5-21	1426	↓	↓	↓	↓	X	X									
EB-5	5-5-21	1455	↓	↓	↓	↓	X	X									
TR-2	5-5-21	0700	AQ	2	HCL	VOA	X	X									

SAMPLING COMPLETED **5-5-21 1530** SAMPLING PERFORMED BY **Kevin Thompson** RESULTS NEEDED NO LATER THAN **Standard**

RELEASED BY  TIME **1530** RECEIVED BY _____ DATE _____ TIME _____

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

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

SHIPPED VIA _____ TIME SENT _____ COOLER # _____

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TECH SERVICES, INC.

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 SAN JOSE, CALIFORNIA 95112-1105
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 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB Alpha Analytical COC 4 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

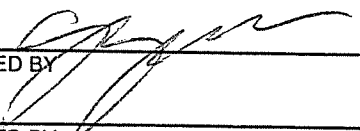

CLIENT **Kinder Morgan**

SITE **DFSP Norwalk**

15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX		CONTAINERS		TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #	
			AQ= Water	#	Preservation	Type													
HL-3	5-5-21	1131	AQ	6	HCL	VOL	X	X											
MW-6		1215		6			X	X											
MW-7		1422		6			X	X											
MW-20(MW)		1300		6			X	X											
MW-21(MW)		1044		6			X	X											
OVP-3		—		6			X	X											
Wew-7		1000		6			X	X											
Wew-8		0900		6			X	X											
Wew-14		0825		6			X	X											
EB-6		1450		6			X	X											

AMPLING COMPLETED DATE 5-5-21 TIME 1550 SAMPLING PERFORMED BY Garnett Graves RESULTS NEEDED NO LATER THAN Standard

ELEASED BY  TIME 1550 RECEIVED BY  DATE _____ TIME _____

ELEASED BY _____ TIME _____ RECEIVED BY _____ DATE _____ TIME _____

ELEASED BY _____ TIME _____ RECEIVED BY _____ DATE _____ TIME _____

SHIPPED VIA _____ TIME SENT _____ COOLER # _____

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TECH SERVICES, INC.

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 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 1 of 2

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

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

CHAIN OF CUSTODY

CLIENT

Kinder Morgan

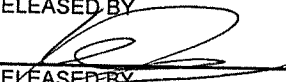
SITE

DFSP Norwalk

15306 Norwalk Blvd, Norwalk

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	5-6-21	—	AQ	6	HCL	Vials	X	X										
Gmw-0-19		0740					X	X										
Gmw-0-10		0830					X	X										
Gmw-030		0928					X	X										
MW-SF-4		1013					X	X										
MW-SF-1		1101					X	X										
MW-SF-15		1149					X	X										
MW-18 (mid)		1247					X	X										
Gmw-10		1327					X	X										
Dup-1		—					X	X										

SAMPLING COMPLETED DATE: 5-6-21 TIME: 1500
 SAMPLING PERFORMED BY: Kevin Thompson
 RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY:  TIME: 1500 RECEIVED BY: _____ DATE: _____ TIME: _____

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

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

SHIPPED VIA: _____ TIME SENT: _____ COOLER #: _____

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
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 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 2 of 2

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

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

CHAIN OF CUSTODY


CLIENT: **Kinder Morgan**

SITE: **DFSP Norwalk**

15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS			TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)	CONDUCT ANALYSIS TO DETECT						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AQ= Water	#	Preservation	Type												
MW-SF-6	5-6-21	1416	A&A	6	HCL	Voas	X	X										
EB-8	↓	1420	↓	↓	↓	↓	X	X										

SAMPLING COMPLETED: DATE **5-6-21** TIME **1520** SAMPLING PERFORMED BY **Kevin Thompson** RESULTS NEEDED NO LATER THAN **Standard**

RELEASED BY  TIME **1520** RECEIVED BY _____ DATE _____ TIME _____

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

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

SHIPPED VIA _____ TIME SENT _____ COOLER # _____

**Attachment 7.3-1
 Well Inspection Checklist**

WELL INSPECTION CHECKLIST

Site - City, County, State

WELL NAME	AS-BUILT TOTAL DEPTH (TD)	ACCESS UNOBSTRUCTED? (Y/N)	WELL EASILY VISIBLE? (Y/N)	VAULT, WELL, OR CASING CLEARLY LABELED? (Y/N)	WELL, VAULT, PAD, OR CASING FREE OF VISIBLE DAMAGE, SCOUR, OR SETTLING? (Y/N)	WELL SECURED PROPERLY WITH WATER-TIGHT WELL CAP AND LOCK? (Y/N)	WELL VAULT DRY AND FREE OF DEBRIS? (Y/N)	TD CONSISTENT WITH AS-BUILT TD? (Y/N)	COMMENTS
EXP-1		Y	X	Y	X	Y	Y	Y	
EXP-2		Y	Y	Y	Y	Y	Y	Y	
EXP-3		Y	Y	Y	X	Y	Y	Y	
EXP-4		Y	Y	X	Y	Y	Y	Y	
EXP-5		Y	Y	Y	Y	Y	Y	Y	
GMW-1		Y	Y	N	Y	Y	Y	Y	
GMW-10		Y	Y	Y	Y	Y	Y	Y	
GMW-13		Y	Y	Y	Y	Y	Y	Y	
GMW-14A		Y	Y	Y	Y	Y	Y	Y	
GMW-22		Y	Y	Y	Y	Y	Y	Y	
GMW-23		Y	Y	Y	Y	Y	Y	N/A	SPH
GMW-24		Y	Y	Y	Y	Y	Y	Y	
GMW-25		Y	Y	Y	Y	Y	Y	Y	
GMW-26		Y	Y	Y	Y	Y	Y	Y	
GMW-28		Y	Y	Y	Y	Y	Y	Y	
GMW-29		Y	Y	Y	Y	Y	Y	N/A	SPH
GMW-3		Y	Y	Y	Y	Y	Y	Y	
GMW-30		Y	Y	Y	Y	Y	Y	N/A	SPH
GMW-36		Y	Y	Y	Y	Y	Y	Y	
GMW-37		Y	Y	Y	Y	Y	Y	Y	
GMW-38		Y	Y	Y	Y	Y	Y	Y	
GMW-39		Y	Y	Y	X	Y	Y	Y	

Performed by: JD/EG/KT

Date Performed: 5-3-21



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
GNW-4R		Y	Y	Y	Y	Y	Y	Y	
GMW-8		Y	Y	Z	Y	Y	Y	Y	
GMW-9		Y	Y	Y	Y	Y	Y	Y	
GMW-0-1		Y	Y	Y	Y	Y	Y	Y	
GMW-0-10		Y	Y	Y	Y	Y	Y	Y	
GMW-0-11		Y	Y	Y	Y	Y	Y	Y	
GMW-0-12		Y	Y	Y	Y	Y	Y	N/A	SPH
GMW-0-14		Y	Y	Y	Y	Y	Y	Y	
GMW-0-15		Y	Y	Y	Y	Y	Y	Y	
GMW-0-17		Y	Y	Z	Y	Y	Y	Y	
GMW-0-18		Y	Y	Z	Y	Y	Y	Y	
GMW-0-19		Y	Y	Y	Y	Y	Y	Y	
GMW-0-2		Y	Y	Y	Y	Y	Y	Y	
GMW-0-20		Y	Y	Y	Y	Y	Y	Y	
GMW-0-21		Y	Y	Y	Y	Y	Y	Y	
GMW-0-23		Y	Y	Y	Y	Y	Y	N/A	SPH
GMW-0-24		Y	Y	Y	Y	Y	Y	Y	
GMW-0-3		Y	Y	Y	Y	Y	Y	Y	
GMW-0-4		Y	Y	Y	Y	Y	Y	Y	
GMW-0-5		Y	Y	Y	Y	Y	Y	Y	
GMW-0-6		Y	Y	Y	Y	Y	Y	Y	
GMW-0-7		Y	Y	Y	Y	Y	Y	Y	

Performed by: JA/KT/GG

Date Performed: 5-3-21



SOIL AND GROUNDWATER REMEDIATION MANUAL

Title: 7.3 Monitoring and Remediation Well Protection

Revised: January 1, 2012

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-0-9		Y	Y	N	Y	Y	Y		
GMW-SF-7		Y	Y	X	Y	Y	Y		
GMW-SF-8		Y	Y	Y	Y	Y	Y		
GWR-1R		Y	X	Y	Y	Y	Y		
GWR-3		Y	Y	Y	Y	X	Y		
HL-2		Y	X	N	Y	Y	Y		
HL-3		Y	X	N	Y	X	Y		
MW-12		Y	X	N	Y	Y	Y		
MW-15R		X	Y	N	Y	X	Y		
MW-18(M-6)		Y	X	N	Y	X	Y		
MW-19(M-10)		Y	Y	N	Y	Y	Y		
MW-20(M-10)		Y	Y	N	Y	Y	Y		
MW-21(M-10)		Y	Y	N	Y	Y	Y		
MW-6		Y	Y	N	Y	Y	Y		
MW-7		Y	Y	N	Y	Y	X		
MW-8		Y	Y	N	Y	Y	Y		
MW-9		Y	Y	N	Y	Y	Y		
MW-0-1		Y	Y	X	Y	Y	Y		
MW-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	X	Y	Y	Y		

Performed by: JR/CG/KT

Date Performed: 5-8-21



SOIL AND GROUNDWATER REMEDIATION MANUAL

Title: 7.3 Monitoring and Remediation Well Protection

Revised: January 1, 2012

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

Performed by: JA/KT/oco

Date Performed: 5-3-21

MONITORING WELL GAUGING DATA
First Semiannual 2021 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	5/6/21	-	36.44	-	under vacuum
EXP-1	5/4/21	-	59.97	-	
EXP-2	5/4/21	-	61.23	-	
EXP-3	5/4/21	-	59.19	-	
GMW-5	5/3/21	-	DRY	-	TD=28.53
GMW-6	5/3/21	-	36.85	-	
GMW-7	5/4/21	-	36.30	-	solk in well
GMW-12	5/3/21	-	34.48	-	
GMW-15	5/4/21	-	35.98	-	
GMW-16	5/3/21	-	34.74 SM	-	OTW=37.37
GMW-17R	5/3/21	-	37.38	-	
GMW-18	5/4/21	-	36.20	-	
GMW-19	5/3/21	-	36.45	-	
GMW-20	5/3/21	-	34.65	-	
GMW-21	5/4/21	-	35.36	-	
GMW-31	5/4/21	-	34.97	-	
GMW-32R	5/4/21	-	DRY	-	TD=28.22
GMW-33	5/3/21	-	DRY	-	TD=16.24
GMW-35R	5/4/21	-	39.12	-	
GMW-40	5/4/21	-	-	-	unable to locate
GMW-41	5/3/21	-	32.34	-	
GMW-42	5/3/21	-	35.20	-	
GMW-43	5/4/21	-	35.44	-	
GMW-44	5/3/21	-	35.03	-	
GMW-45	5/4/21	-	34.42	-	
GMW-47	5/4/21	-	35.39	-	
GMW-48	5/3/21	-	38.11	-	
GMW-54	5/4/21	-	34.34	-	

GMW-17R 5/4/21 - 34.66 -

MONITORING WELL GAUGING DATA
First Semiannual 2021 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	5/3/21	-	34.69	-	
GMW-57	5/4/21	-	36.45	-	
GMW-58	5/3/21	-	35.93	-	
GMW-59	5/4/21	-	33.25	-	
GMW-60	5/3/21	-	35.53	-	
GMW-61	5/3/21	-	34.47	-	
GMW-62	5/3/21	-	35.35	-	
GMW-63	5/3/21	-	35.99	-	
GMW-64	5/3/21	-	34.13	-	
GMW-65	5/3/21	-	35.56	-	
GMW-66R	5/3/21	-	38.41	-	
GMW-67	5/3/21	-	34.96	-	
GMW-68	5/3/21	34.44	34.46	0.02	Sample if no product.
GMW-69	5/3/21	-	34.14	-	
GW-1	6/4/21	-	36.00	-	
GW-2	5/4/21	-	35.69	-	
GW-3	5/4/21	-	38.00	-	
GW-4	5/4/21	-	-	-	Can't get passed pump.
GW-5R	5/3/21	-	38.80	-	
GW-6	5/3/21	-	36.10	-	
GW-7	5/4/21	-	35.07	-	
GW-8	5/3/21	-	36.01	-	
GW-13	5/3/21	-	36.85	-	
GW-14R	5/3/21	-	34.49	-	
GW-15	5/4/21	-	33.94	-	
GW-16	5/3/21	-	34.94	-	
MW-13	5/3/21	-	37.67	-	
MW-14	5/4/21	-	38.56	-	

MONITORING WELL GAUGING DATA
First Semiannual 2021 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	5/3/21	-	34.46	-	
MW-17	5/3/21	-	36.80	-	
MW-22-MID	5/4/21	-	41.09	-	
MW-24	5/3/21	-	37.52	-	
MW-26	5/3/21	-	37.21	-	
MW-27	5/4/21	-	38.31	-	
MW-28	5/3/21	-	36.53	-	
MW-29	5/3/21	-	38.44	-	
PZ-3	5/4/21	-	35.74	-	
RTF-18-E	5/6/21	32.94	33.70	0.76	under vacuum
RTF-18-N	5/6/21	-	32.59	-	under vacuum
RTF-18-NNW	5/6/21	-	33.97	-	under vacuum
RTF-18-NW	5/6/21	-	32.08	-	under vacuum
RTF-18-W	5/6/21	-	31.77	-	under vacuum
TF-8	5/4/21	-	34.70	-	
TF-9R	5/4/21	-	37.64	-	
TF-15	5/4/21	-	34.45	-	
TF-16	5/4/21	-	35.35	-	
TF-17R	5/4/21	-	36.59	-	under vacuum
TF-18	5/4/21	-	32.82	-	under vacuum
TF-19	5/4/21	-	33.33	-	sock in well
TF-20R	5/4/21	-	34.87	-	
TF-21	5/3/21	-	38.11	-	
TF-23	5/4/21	-	34.64	-	
TF-24	5/4/21	-	37.63	-	
TFR-9	5/6/21	-	35.52	-	
TFR-12	5/6/21	-	35.48	-	under vacuum
TFR-14	5/6/21	-	36.01	-	under vacuum

MONITORING WELL GAUGING DATA
First Semiannual 2021 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	5/6/21	-	36.60	-	under vacuum
TFR-18	5/6/21	-	34.43	-	under vacuum
TFR-22	5/6/21	33.21	36.93	3.72	under vacuum
TFR-24	5/6/21	33.87	34.02	0.15	under vacuum
TFR-27	5/6/21	-	33.60	-	under vacuum
TFR-29	5/6/21	32.94	35.97	3.03	under vacuum
TFR-33	5/6/21	-	DRY	-	TD = 12.50

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

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



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

May 18, 2021

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5334000 / 1E04019**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/04/21 17:53 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to be 'V. Vasile'.

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXYGENATES

GMW-41	1E04019-01	Water	5	05/04/21 10:45	05/04/21 17:53
GMW-42	1E04019-02	Water	5	05/04/21 11:25	05/04/21 17:53
GMW-17R	1E04019-03	Water	5	05/04/21 11:55	05/04/21 17:53
DUP-2	1E04019-04	Water	5	05/04/21 00:00	05/04/21 17:53
MW-26	1E04019-05	Water	5	05/04/21 12:30	05/04/21 17:53
GW-13	1E04019-06	Water	5	05/04/21 13:05	05/04/21 17:53
MW-24	1E04019-07	Water	5	05/04/21 13:45	05/04/21 17:53

Diesel Range Organics 8015M

GMW-41	1E04019-01	Water	5	05/04/21 10:45	05/04/21 17:53
GMW-42	1E04019-02	Water	5	05/04/21 11:25	05/04/21 17:53
GMW-17R	1E04019-03	Water	5	05/04/21 11:55	05/04/21 17:53
DUP-2	1E04019-04	Water	5	05/04/21 00:00	05/04/21 17:53
MW-26	1E04019-05	Water	5	05/04/21 12:30	05/04/21 17:53
GW-13	1E04019-06	Water	5	05/04/21 13:05	05/04/21 17:53
MW-24	1E04019-07	Water	5	05/04/21 13:45	05/04/21 17:53

Gasoline Range Organics 8015M

GMW-41	1E04019-01	Water	5	05/04/21 10:45	05/04/21 17:53
GMW-42	1E04019-02	Water	5	05/04/21 11:25	05/04/21 17:53

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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GMW-17R	1E04019-03	Water	5	05/04/21 11:55	05/04/21 17:53
DUP-2	1E04019-04	Water	5	05/04/21 00:00	05/04/21 17:53
MW-26	1E04019-05	Water	5	05/04/21 12:30	05/04/21 17:53
GW-13	1E04019-06	Water	5	05/04/21 13:05	05/04/21 17:53
MW-24	1E04019-07	Water	5	05/04/21 13:45	05/04/21 17:53

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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/04/21	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/06/21	05/06/21	05/06/21	
AA ID No:	1E04019-01	1E04019-02	1E04019-03	1E04019-04	
Client ID No:	GMW-41	GMW-42	GMW-17R	DUP-2	
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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/04/21	05/04/21	05/04/21	05/04/21
Date Prepared:	05/06/21	05/06/21	05/06/21	05/06/21
Date Analyzed:	05/06/21	05/06/21	05/06/21	05/06/21
AA ID No:	1E04019-01	1E04019-02	1E04019-03	1E04019-04
Client ID No:	GMW-41	GMW-42	GMW-17R	DUP-2
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1
				MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/04/21	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/06/21	05/06/21	05/06/21	
AA ID No:	1E04019-01	1E04019-02	1E04019-03	1E04019-04	
Client ID No:	GMW-41	GMW-42	GMW-17R	DUP-2	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

Surrogates					%REC Limits
4-Bromofluorobenzene	92%	93%	93%	92%	80-129
Dibromofluoromethane	104%	107%	108%	108%	68-137
Toluene-d8	95%	96%	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/06/21	05/06/21	
AA ID No:	1E04019-05	1E04019-06	1E04019-07	
Client ID No:	MW-26	GW-13	MW-24	
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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/06/21	05/06/21	
AA ID No:	1E04019-05	1E04019-06	1E04019-07	
Client ID No:	MW-26	GW-13	MW-24	
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	1.9	<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	2.3	<2.0	<2.0	2.0
n-Propylbenzene	0.74	<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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/06/21	05/06/21	
AA ID No:	1E04019-05	1E04019-06	1E04019-07	
Client ID No:	MW-26	GW-13	MW-24	
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	91%	93%	94%	80-129
Dibromofluoromethane	106%	106%	109%	68-137
Toluene-d8	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: Diesel Range Organics by GC/FID

AA Project No: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21
Units: mg/L

Date Sampled:	05/04/21	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/10/21	05/10/21	05/11/21	05/11/21	
Date Analyzed:	05/11/21	05/11/21	05/14/21	05/14/21	
AA ID No:	1E04019-01	1E04019-02	1E04019-03	1E04019-04	
Client ID No:	GMW-41	GMW-42	GMW-17R	DUP-2	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.17	0.13	<0.10	<0.10	0.10
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Surrogates

o-Terphenyl	86%	80%	109%	78%	<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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21
Units: mg/L

Date Sampled:	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/11/21	05/11/21	05/11/21	
Date Analyzed:	05/14/21	05/14/21	05/14/21	
AA ID No:	1E04019-05	1E04019-06	1E04019-07	
Client ID No:	MW-26	GW-13	MW-24	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.12	<0.10	<0.10	0.10
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<u>Surrogates</u>				<u>%REC Limits</u>
o-Terphenyl	82%	104%	61%	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21
Units: ug/L

	05/04/21	05/04/21	05/04/21	05/04/21	
Date Sampled:	05/04/21	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Analyzed:	05/05/21	05/05/21	05/05/21	05/05/21	
AA ID No:	1E04019-01	1E04019-02	1E04019-03	1E04019-04	
Client ID No:	GMW-41	GMW-42	GMW-17R	DUP-2	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

	05/04/21	05/04/21	05/04/21	05/04/21	MRL
Gasoline Range Organics (GRO)	<100	<100	<100	<100	100

Surrogates

	05/04/21	05/04/21	05/04/21	05/04/21	<u>%REC Limits</u>
a,a,a-Trifluorotoluene	81%	76%	84%	81%	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
Method: Gasoline Range Organics by GC/FID

AA Project No: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/05/21	05/05/21	05/05/21	
Date Analyzed:	05/05/21	05/05/21	05/05/21	
AA ID No:	1E04019-05	1E04019-06	1E04019-07	
Client ID No:	MW-26	GW-13	MW-24	
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	76%	92%	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B1E0611 - EPA 5030B

Blank (B1E0611-BLK1)

Prepared & Analyzed: 05/06/21

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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0611 - EPA 5030B</i>										
Blank (B1E0611-BLK1) Continued										
Prepared & Analyzed: 05/06/21										
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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0611 - EPA 5030B</i>										
Blank (B1E0611-BLK1) Continued										
Prepared & Analyzed: 05/06/21										
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>46.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.0</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>47.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.7</i>	<i>83-134</i>			
LCS (B1E0611-BS1)										
Prepared & Analyzed: 05/06/21										
Acetone	14.9	10	ug/L	20.0		74.4	27-123			
tert-Amyl-Methyl Ether (TAME)	15.6	2.0	ug/L	20.0		77.8	58-133			
Benzene	17.9	0.50	ug/L	20.0		89.3	60-134			
Bromobenzene	20.8	0.50	ug/L	20.0		104	70-130			
Bromochloromethane	19.5	0.50	ug/L	20.0		97.7	78-121			
Bromodichloromethane	18.0	0.50	ug/L	20.0		90.0	74-135			
Bromoform	20.5	0.50	ug/L	20.0		102	68-132			
Bromomethane	25.0	0.50	ug/L	20.0		125	58-142			
2-Butanone (MEK)	17.6	10	ug/L	20.0		87.8	62-138			
tert-Butyl Alcohol (TBA)	71.9	10	ug/L	100		71.9	65-148			
sec-Butylbenzene	20.5	0.50	ug/L	20.0		102	84-142			
tert-Butylbenzene	21.1	0.50	ug/L	20.0		106	70-130			
n-Butylbenzene	20.3	0.50	ug/L	20.0		101	70-130			
Carbon Disulfide	18.2	0.50	ug/L	20.0		90.8	17-177			
Carbon Tetrachloride	20.4	0.50	ug/L	20.0		102	66-155			
Chlorobenzene	21.0	0.50	ug/L	20.0		105	70-130			
Chloroethane	21.4	0.50	ug/L	20.0		107	45-166			
Chloroform	17.9	0.50	ug/L	20.0		89.6	71-131			
Chloromethane	15.2	0.50	ug/L	20.0		76.2	48-152			
2-Chlorotoluene	19.3	0.50	ug/L	20.0		96.6	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0611 - EPA 5030B</i>										
LCS (B1E0611-BS1) Continued										
Prepared & Analyzed: 05/06/21										
4-Chlorotoluene	19.5	0.50	ug/L	20.0		97.6	70-130			
1,2-Dibromo-3-chloropropane	17.3	1.0	ug/L	20.0		86.3	53-145			
Dibromochloromethane	21.2	0.50	ug/L	20.0		106	72-133			
1,2-Dibromoethane (EDB)	20.1	0.50	ug/L	20.0		101	79-120			
Dibromomethane	18.2	0.50	ug/L	20.0		91.2	68-124			
1,3-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
Dichlorodifluoromethane (R12)	14.0	0.50	ug/L	20.0		70.2	16-148			
1,1-Dichloroethane	16.6	0.50	ug/L	20.0		83.0	67-120			
1,2-Dichloroethane (EDC)	17.2	0.50	ug/L	20.0		86.0	57-156			
1,1-Dichloroethylene	17.2	0.50	ug/L	20.0		86.0	50-149			
trans-1,2-Dichloroethylene	18.1	0.50	ug/L	20.0		90.5	66-126			
cis-1,2-Dichloroethylene	18.2	0.50	ug/L	20.0		90.8	70-124			
1,2-Dichloropropane	17.9	0.50	ug/L	20.0		89.5	53-139			
2,2-Dichloropropane	18.5	0.50	ug/L	20.0		92.4	44-162			
1,3-Dichloropropane	18.3	0.50	ug/L	20.0		91.4	79-113			
cis-1,3-Dichloropropylene	18.1	0.50	ug/L	20.0		90.6	67-127			
trans-1,3-Dichloropropylene	18.2	0.50	ug/L	20.0		91.0	76-121			
1,1-Dichloropropylene	17.8	0.50	ug/L	20.0		88.8	84-124			
Diisopropyl ether (DIPE)	16.6	2.0	ug/L	20.0		82.8	51-136			
Ethylbenzene	20.7	0.50	ug/L	20.0		104	86-124			
Ethyl-tert-Butyl Ether (ETBE)	16.1	2.0	ug/L	20.0		80.6	62-136			
Hexachlorobutadiene	21.9	1.0	ug/L	20.0		110	76-140			
2-Hexanone (MBK)	15.8	10	ug/L	20.0		78.8	52-123			
Isopropylbenzene	20.4	0.50	ug/L	20.0		102	70-130			
4-Isopropyltoluene	21.2	1.0	ug/L	20.0		106	70-130			
Methyl-tert-Butyl Ether (MTBE)	32.4	1.2	ug/L	40.0		81.1	58-144			
Methylene Chloride	16.8	5.0	ug/L	20.0		84.0	50-135			
4-Methyl-2-pentanone (MIBK)	17.3	10	ug/L	20.0		86.6	49-139			
Naphthalene	21.4	2.0	ug/L	20.0		107	74-128			
n-Propylbenzene	19.7	0.50	ug/L	20.0		98.7	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0611 - EPA 5030B</i>										
LCS (B1E0611-BS1) Continued										
Prepared & Analyzed: 05/06/21										
Styrene	20.7	0.50	ug/L	20.0		104	84-123			
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0		105	70-130			
1,1,2,2-Tetrachloroethane	19.8	0.50	ug/L	20.0		99.2	58-126			
Tetrachloroethylene (PCE)	21.2	0.50	ug/L	20.0		106	70-130			
Toluene	19.6	0.50	ug/L	20.0		98.0	83-118			
1,2,3-Trichlorobenzene	21.8	0.50	ug/L	20.0		109	77-134			
1,2,4-Trichlorobenzene	22.2	0.50	ug/L	20.0		111	84-128			
1,1,1-Trichloroethane	18.9	0.50	ug/L	20.0		94.7	66-158			
1,1,2-Trichloroethane	19.1	0.50	ug/L	20.0		95.7	75-115			
Trichloroethylene (TCE)	18.7	0.50	ug/L	20.0		93.5	82-128			
Trichlorofluoromethane (R11)	18.4	0.50	ug/L	20.0		92.1	65-137			
1,2,3-Trichloropropane	18.8	0.50	ug/L	20.0		94.0	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.1	0.50	ug/L	20.0		85.7	62-130			
1,3,5-Trimethylbenzene	20.3	0.50	ug/L	20.0		101	70-130			
1,2,4-Trimethylbenzene	20.4	0.50	ug/L	20.0		102	70-130			
Vinyl chloride	16.6	0.50	ug/L	20.0		82.8	51-151			
o-Xylene	21.1	0.50	ug/L	20.0		106	70-130			
m,p-Xylenes	42.0	1.0	ug/L	40.0		105	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	45.8		ug/L	50.0		91.6	80-129			
<i>Surrogate: Dibromofluoromethane</i>	46.4		ug/L	50.0		92.9	68-137			
<i>Surrogate: Toluene-d8</i>	49.4		ug/L	50.0		98.8	83-134			
LCS Dup (B1E0611-BSD1)										
Prepared & Analyzed: 05/06/21										
Acetone	19.6	10	ug/L	20.0		97.9	27-123	27.3	30	
tert-Amyl-Methyl Ether (TAME)	17.5	2.0	ug/L	20.0		87.4	58-133	11.6	30	
Benzene	18.5	0.50	ug/L	20.0		92.3	60-134	3.30	30	
Bromobenzene	21.2	0.50	ug/L	20.0		106	70-130	1.71	30	
Bromochloromethane	21.2	0.50	ug/L	20.0		106	78-121	8.10	30	
Bromodichloromethane	19.6	0.50	ug/L	20.0		98.2	74-135	8.61	30	
Bromoform	23.3	0.50	ug/L	20.0		116	68-132	12.8	30	
Bromomethane	21.5	0.50	ug/L	20.0		108	58-142	15.0	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0611 - EPA 5030B</i>										
LCS Dup (B1E0611-BSD1) Continued										
Prepared & Analyzed: 05/06/21										
2-Butanone (MEK)	19.5	10	ug/L	20.0		97.6	62-138	10.5	30	
tert-Butyl Alcohol (TBA)	85.4	10	ug/L	100		85.4	65-148	17.1	30	
sec-Butylbenzene	20.0	0.50	ug/L	20.0		100	84-142	2.37	30	
tert-Butylbenzene	20.6	0.50	ug/L	20.0		103	70-130	2.50	30	
n-Butylbenzene	19.6	0.50	ug/L	20.0		98.0	70-130	3.31	30	
Carbon Disulfide	18.9	0.50	ug/L	20.0		94.4	17-177	3.83	30	
Carbon Tetrachloride	20.5	0.50	ug/L	20.0		103	66-155	0.782	30	
Chlorobenzene	20.9	0.50	ug/L	20.0		104	70-130	0.525	30	
Chloroethane	22.1	0.50	ug/L	20.0		110	45-166	2.94	30	
Chloroform	18.7	0.50	ug/L	20.0		93.3	71-131	4.05	30	
Chloromethane	14.7	0.50	ug/L	20.0		73.6	48-152	3.54	30	
2-Chlorotoluene	19.4	0.50	ug/L	20.0		97.0	70-130	0.413	30	
4-Chlorotoluene	19.4	0.50	ug/L	20.0		96.8	70-130	0.874	30	
1,2-Dibromo-3-chloropropane	19.6	1.0	ug/L	20.0		98.1	53-145	12.8	30	
Dibromochloromethane	22.6	0.50	ug/L	20.0		113	72-133	6.38	30	
1,2-Dibromoethane (EDB)	22.8	0.50	ug/L	20.0		114	79-120	12.6	30	
Dibromomethane	20.7	0.50	ug/L	20.0		104	68-124	12.6	30	
1,3-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	0.533	30	
1,2-Dichlorobenzene	21.9	0.50	ug/L	20.0		110	70-130	2.54	30	
1,4-Dichlorobenzene	20.9	0.50	ug/L	20.0		105	70-130	0.719	30	
Dichlorodifluoromethane (R12)	14.6	0.50	ug/L	20.0		72.8	16-148	3.63	30	
1,1-Dichloroethane	17.5	0.50	ug/L	20.0		87.6	67-120	5.51	30	
1,2-Dichloroethane (EDC)	18.0	0.50	ug/L	20.0		89.8	57-156	4.27	30	
1,1-Dichloroethylene	17.5	0.50	ug/L	20.0		87.7	50-149	1.90	30	
trans-1,2-Dichloroethylene	18.5	0.50	ug/L	20.0		92.6	66-126	2.24	30	
cis-1,2-Dichloroethylene	18.9	0.50	ug/L	20.0		94.4	70-124	3.94	30	
1,2-Dichloropropane	18.9	0.50	ug/L	20.0		94.3	53-139	5.22	30	
2,2-Dichloropropane	16.0	0.50	ug/L	20.0		80.0	44-162	14.5	30	
1,3-Dichloropropane	20.2	0.50	ug/L	20.0		101	79-113	10.2	30	
cis-1,3-Dichloropropylene	19.0	0.50	ug/L	20.0		95.0	67-127	4.85	30	
trans-1,3-Dichloropropylene	19.7	0.50	ug/L	20.0		98.6	76-121	8.07	30	
1,1-Dichloropropylene	18.5	0.50	ug/L	20.0		92.4	84-124	3.92	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0611 - EPA 5030B</i>										
LCS Dup (B1E0611-BSD1) Continued										
Prepared & Analyzed: 05/06/21										
Diisopropyl ether (DIPE)	17.8	2.0	ug/L	20.0		89.0	51-136	7.16	30	
Ethylbenzene	20.5	0.50	ug/L	20.0		103	86-124	0.873	30	
Ethyl-tert-Butyl Ether (ETBE)	18.2	2.0	ug/L	20.0		91.0	62-136	12.2	30	
Hexachlorobutadiene	20.4	1.0	ug/L	20.0		102	76-140	7.23	30	
2-Hexanone (MBK)	17.3	10	ug/L	20.0		86.4	52-123	9.26	30	
Isopropylbenzene	20.2	0.50	ug/L	20.0		101	70-130	1.09	30	
4-Isopropyltoluene	20.5	1.0	ug/L	20.0		103	70-130	3.40	30	
Methyl-tert-Butyl Ether (MTBE)	38.4	1.2	ug/L	40.0		95.9	58-144	16.8	30	
Methylene Chloride	18.1	5.0	ug/L	20.0		90.4	50-135	7.22	30	
4-Methyl-2-pentanone (MIBK)	19.9	10	ug/L	20.0		99.4	49-139	13.8	30	
Naphthalene	23.8	2.0	ug/L	20.0		119	74-128	10.8	30	
n-Propylbenzene	19.7	0.50	ug/L	20.0		98.4	70-130	0.304	30	
Styrene	20.8	0.50	ug/L	20.0		104	84-123	0.289	30	
1,1,1,2-Tetrachloroethane	21.6	0.50	ug/L	20.0		108	70-130	2.20	30	
1,1,2,2-Tetrachloroethane	22.9	0.50	ug/L	20.0		114	58-126	14.2	30	
Tetrachloroethylene (PCE)	20.8	0.50	ug/L	20.0		104	70-130	2.24	30	
Toluene	19.4	0.50	ug/L	20.0		97.2	83-118	0.820	30	
1,2,3-Trichlorobenzene	22.7	0.50	ug/L	20.0		113	77-134	4.14	30	
1,2,4-Trichlorobenzene	22.3	0.50	ug/L	20.0		111	84-128	0.585	30	
1,1,1-Trichloroethane	19.1	0.50	ug/L	20.0		95.4	66-158	0.736	30	
1,1,2-Trichloroethane	21.4	0.50	ug/L	20.0		107	75-115	10.9	30	
Trichloroethylene (TCE)	19.5	0.50	ug/L	20.0		97.5	82-128	4.19	30	
Trichlorofluoromethane (R11)	19.6	0.50	ug/L	20.0		97.8	65-137	6.05	30	
1,2,3-Trichloropropane	21.5	0.50	ug/L	20.0		107	68-123	13.3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.0	0.50	ug/L	20.0		85.1	62-130	0.703	30	
1,3,5-Trimethylbenzene	20.2	0.50	ug/L	20.0		101	70-130	0.346	30	
1,2,4-Trimethylbenzene	20.2	0.50	ug/L	20.0		101	70-130	0.936	30	
Vinyl chloride	16.6	0.50	ug/L	20.0		83.0	51-151	0.181	30	
o-Xylene	21.0	0.50	ug/L	20.0		105	70-130	0.664	30	
m,p-Xylenes	41.3	1.0	ug/L	40.0		103	70-130	1.70	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0611 - EPA 5030B

LCS Dup (B1E0611-BSD1) Continued

Prepared & Analyzed: 05/06/21

Surrogate: 4-Bromofluorobenzene	47.0		ug/L	50.0		94.1	80-129			
Surrogate: Dibromofluoromethane	48.8		ug/L	50.0		97.5	68-137			
Surrogate: Toluene-d8	48.5		ug/L	50.0		97.0	83-134			

Matrix Spike (B1E0611-MS1)

Source: 1E04019-07 Prepared & Analyzed: 05/06/21

Acetone	23.0	10	ug/L	20.0	<10	115	11-169			
tert-Amyl-Methyl Ether (TAME)	18.8	2.0	ug/L	20.0	<2.0	94.2	66-133			
Benzene	18.4	0.50	ug/L	20.0	<0.50	92.0	56-135			
Bromobenzene	21.9	0.50	ug/L	20.0	<0.50	109	70-130			
Bromochloromethane	22.8	0.50	ug/L	20.0	<0.50	114	74-125			
Bromodichloromethane	20.2	0.50	ug/L	20.0	<0.50	101	68-144			
Bromoform	25.2	0.50	ug/L	20.0	<0.50	126	68-151			
Bromomethane	15.7	0.50	ug/L	20.0	<0.50	78.3	54-142			
2-Butanone (MEK)	23.3	10	ug/L	20.0	<10	117	62-145			
tert-Butyl Alcohol (TBA)	112	10	ug/L	100	<10	112	73-162			
sec-Butylbenzene	19.4	0.50	ug/L	20.0	<0.50	96.9	84-145			
tert-Butylbenzene	20.1	0.50	ug/L	20.0	<0.50	100	70-130			
n-Butylbenzene	19.4	0.50	ug/L	20.0	<0.50	97.1	70-130			
Carbon Disulfide	19.3	0.50	ug/L	20.0	0.470	94.2	28-151			
Carbon Tetrachloride	20.6	0.50	ug/L	20.0	<0.50	103	58-164			
Chlorobenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130			
Chloroethane	22.4	0.50	ug/L	20.0	<0.50	112	42-164			
Chloroform	19.0	0.50	ug/L	20.0	<0.50	95.0	65-138			
Chloromethane	14.8	0.50	ug/L	20.0	<0.50	74.1	50-152			
2-Chlorotoluene	19.0	0.50	ug/L	20.0	<0.50	95.0	70-130			
4-Chlorotoluene	19.1	0.50	ug/L	20.0	<0.50	95.4	70-130			
1,2-Dibromo-3-chloropropane	24.5	1.0	ug/L	20.0	<1.0	122	53-161			
Dibromochloromethane	23.9	0.50	ug/L	20.0	<0.50	119	70-130			
1,2-Dibromoethane (EDB)	23.4	0.50	ug/L	20.0	<0.50	117	76-130			
Dibromomethane	21.8	0.50	ug/L	20.0	<0.50	109	62-135			
1,3-Dichlorobenzene	20.6	0.50	ug/L	20.0	<0.50	103	70-130			
1,2-Dichlorobenzene	23.2	0.50	ug/L	20.0	<0.50	116	70-130			
1,4-Dichlorobenzene	21.5	0.50	ug/L	20.0	<0.50	108	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0611 - EPA 5030B</i>										
Matrix Spike (B1E0611-MS1) Continued Source: 1E04019-07 Prepared & Analyzed: 05/06/21										
Dichlorodifluoromethane (R12)	14.3	0.50	ug/L	20.0	<0.50	71.7	17-153			
1,1-Dichloroethane	17.7	0.50	ug/L	20.0	<0.50	88.4	55-131			
1,2-Dichloroethane (EDC)	19.1	0.50	ug/L	20.0	<0.50	95.6	52-168			
1,1-Dichloroethylene	17.6	0.50	ug/L	20.0	<0.50	88.2	51-140			
trans-1,2-Dichloroethylene	18.7	0.50	ug/L	20.0	<0.50	93.5	59-127			
cis-1,2-Dichloroethylene	19.3	0.50	ug/L	20.0	<0.50	96.4	70-130			
1,2-Dichloropropane	19.4	0.50	ug/L	20.0	<0.50	97.1	52-142			
2,2-Dichloropropane	15.3	0.50	ug/L	20.0	<0.50	76.4	36-168			
1,3-Dichloropropane	21.6	0.50	ug/L	20.0	<0.50	108	80-121			
cis-1,3-Dichloropropylene	19.8	0.50	ug/L	20.0	<0.50	99.2	66-130			
trans-1,3-Dichloropropylene	20.1	0.50	ug/L	20.0	<0.50	101	78-130			
1,1-Dichloropropylene	18.5	0.50	ug/L	20.0	<0.50	92.6	76-132			
Diisopropyl ether (DIPE)	18.3	2.0	ug/L	20.0	<2.0	91.6	52-138			
Ethylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	86-128			
Ethyl-tert-Butyl Ether (ETBE)	19.4	2.0	ug/L	20.0	<2.0	96.8	64-137			
Hexachlorobutadiene	21.3	1.0	ug/L	20.0	<1.0	106	70-130			
2-Hexanone (MBK)	21.3	10	ug/L	20.0	<10	107	52-141			
Isopropylbenzene	19.2	0.50	ug/L	20.0	<0.50	96.2	70-130			
4-Isopropyltoluene	20.1	1.0	ug/L	20.0	<1.0	101	83-149			
Methyl-tert-Butyl Ether (MTBE)	42.2	1.2	ug/L	40.0	<1.2	106	56-150			
Methylene Chloride	18.5	5.0	ug/L	20.0	<5.0	92.6	70-130			
4-Methyl-2-pentanone (MIBK)	25.6	10	ug/L	20.0	<10	128	60-148			
Naphthalene	27.1	2.0	ug/L	20.0	<2.0	136	70-130			QM-07
n-Propylbenzene	19.1	0.50	ug/L	20.0	<0.50	95.4	70-130			
Styrene	20.8	0.50	ug/L	20.0	<0.50	104	65-141			
1,1,1,2-Tetrachloroethane	22.0	0.50	ug/L	20.0	<0.50	110	70-130			
1,1,2,2-Tetrachloroethane	26.5	0.50	ug/L	20.0	<0.50	133	62-134			
Tetrachloroethylene (PCE)	20.6	0.50	ug/L	20.0	<0.50	103	70-130			
Toluene	19.2	0.50	ug/L	20.0	<0.50	95.8	81-123			
1,2,3-Trichlorobenzene	25.3	0.50	ug/L	20.0	<0.50	126	73-144			
1,2,4-Trichlorobenzene	24.3	0.50	ug/L	20.0	<0.50	121	80-137			
1,1,1-Trichloroethane	19.0	0.50	ug/L	20.0	<0.50	94.9	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0611 - EPA 5030B</i>										
Matrix Spike (B1E0611-MS1) Continued Source: 1E04019-07 Prepared & Analyzed: 05/06/21										
1,1,2-Trichloroethane	22.6	0.50	ug/L	20.0	<0.50	113	76-122			
Trichloroethylene (TCE)	19.1	0.50	ug/L	20.0	<0.50	95.6	72-136			
Trichlorofluoromethane (R11)	19.6	0.50	ug/L	20.0	<0.50	98.0	59-144			
1,2,3-Trichloropropane	24.9	0.50	ug/L	20.0	<0.50	124	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.4	0.50	ug/L	20.0	<0.50	87.1	62-126			
1,3,5-Trimethylbenzene	19.4	0.50	ug/L	20.0	<0.50	97.2	70-130			
1,2,4-Trimethylbenzene	19.5	0.50	ug/L	20.0	<0.50	97.4	89-134			
Vinyl chloride	15.9	0.50	ug/L	20.0	<0.50	79.6	54-150			
o-Xylene	20.8	0.50	ug/L	20.0	<0.50	104	70-130			
m,p-Xylenes	40.8	1.0	ug/L	40.0	<1.0	102	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>45.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.8</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>47.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.7</i>	<i>83-134</i>			
Matrix Spike Dup (B1E0611-MSD1) Source: 1E04019-07 Prepared & Analyzed: 05/06/21										
Acetone	19.1	10	ug/L	20.0	<10	95.6	11-169	18.3	30	
tert-Amyl-Methyl Ether (TAME)	18.3	2.0	ug/L	20.0	<2.0	91.6	66-133	2.74	30	
Benzene	18.5	0.50	ug/L	20.0	<0.50	92.6	56-135	0.596	30	
Bromobenzene	21.8	0.50	ug/L	20.0	<0.50	109	70-130	0.0458	30	
Bromochloromethane	22.0	0.50	ug/L	20.0	<0.50	110	74-125	3.13	30	
Bromodichloromethane	20.0	0.50	ug/L	20.0	<0.50	100	68-144	0.795	30	
Bromoform	24.8	0.50	ug/L	20.0	<0.50	124	68-151	1.52	30	
Bromomethane	21.1	0.50	ug/L	20.0	<0.50	105	54-142	29.6	30	
2-Butanone (MEK)	20.7	10	ug/L	20.0	<10	103	62-145	12.0	30	
tert-Butyl Alcohol (TBA)	105	10	ug/L	100	<10	105	73-162	6.30	30	
sec-Butylbenzene	19.9	0.50	ug/L	20.0	<0.50	99.4	84-145	2.50	30	
tert-Butylbenzene	20.5	0.50	ug/L	20.0	<0.50	102	70-130	1.78	30	
n-Butylbenzene	19.6	0.50	ug/L	20.0	<0.50	98.1	70-130	1.02	30	
Carbon Disulfide	18.7	0.50	ug/L	20.0	0.470	91.2	28-151	3.26	30	
Carbon Tetrachloride	21.0	0.50	ug/L	20.0	<0.50	105	58-164	1.78	30	
Chlorobenzene	20.9	0.50	ug/L	20.0	<0.50	105	70-130	0.671	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0611 - EPA 5030B</i>										
Matrix Spike Dup (B1E0611-MSD1) Source: 1E04019-07 Prepared & Analyzed: 05/06/21										
Continued										
Chloroethane	22.3	0.50	ug/L	20.0	<0.50	111	42-164	0.492	30	
Chloroform	18.7	0.50	ug/L	20.0	<0.50	93.6	65-138	1.48	30	
Chloromethane	14.8	0.50	ug/L	20.0	<0.50	73.8	50-152	0.406	30	
2-Chlorotoluene	19.2	0.50	ug/L	20.0	<0.50	96.0	70-130	0.942	30	
4-Chlorotoluene	19.2	0.50	ug/L	20.0	<0.50	96.2	70-130	0.836	30	
1,2-Dibromo-3-chloropropane	23.7	1.0	ug/L	20.0	<1.0	118	53-161	3.41	30	
Dibromochloromethane	23.8	0.50	ug/L	20.0	<0.50	119	70-130	0.210	30	
1,2-Dibromoethane (EDB)	23.9	0.50	ug/L	20.0	<0.50	120	76-130	2.11	30	
Dibromomethane	21.4	0.50	ug/L	20.0	<0.50	107	62-135	1.81	30	
1,3-Dichlorobenzene	20.9	0.50	ug/L	20.0	<0.50	104	70-130	1.45	30	
1,2-Dichlorobenzene	22.3	0.50	ug/L	20.0	<0.50	112	70-130	3.78	30	
1,4-Dichlorobenzene	21.2	0.50	ug/L	20.0	<0.50	106	70-130	1.50	30	
Dichlorodifluoromethane (R12)	13.8	0.50	ug/L	20.0	<0.50	69.1	17-153	3.69	30	
1,1-Dichloroethane	17.6	0.50	ug/L	20.0	<0.50	88.2	55-131	0.283	30	
1,2-Dichloroethane (EDC)	18.5	0.50	ug/L	20.0	<0.50	92.3	52-168	3.46	30	
1,1-Dichloroethylene	17.7	0.50	ug/L	20.0	<0.50	88.6	51-140	0.452	30	
trans-1,2-Dichloroethylene	18.5	0.50	ug/L	20.0	<0.50	92.7	59-127	0.859	30	
cis-1,2-Dichloroethylene	19.1	0.50	ug/L	20.0	<0.50	95.3	70-130	1.20	30	
1,2-Dichloropropane	19.1	0.50	ug/L	20.0	<0.50	95.4	52-142	1.82	30	
2,2-Dichloropropane	14.8	0.50	ug/L	20.0	<0.50	74.2	36-168	2.86	30	
1,3-Dichloropropane	21.2	0.50	ug/L	20.0	<0.50	106	80-121	1.92	30	
cis-1,3-Dichloropropylene	19.5	0.50	ug/L	20.0	<0.50	97.6	66-130	1.68	30	
trans-1,3-Dichloropropylene	20.2	0.50	ug/L	20.0	<0.50	101	78-130	0.397	30	
1,1-Dichloropropylene	18.3	0.50	ug/L	20.0	<0.50	91.6	76-132	1.19	30	
Diisopropyl ether (DIPE)	18.2	2.0	ug/L	20.0	<2.0	91.2	52-138	0.492	30	
Ethylbenzene	20.5	0.50	ug/L	20.0	<0.50	103	86-128	1.67	30	
Ethyl-tert-Butyl Ether (ETBE)	18.9	2.0	ug/L	20.0	<2.0	94.4	64-137	2.46	30	
Hexachlorobutadiene	20.8	1.0	ug/L	20.0	<1.0	104	70-130	2.23	30	
2-Hexanone (MBK)	19.6	10	ug/L	20.0	<10	98.2	52-141	8.30	30	
Isopropylbenzene	19.8	0.50	ug/L	20.0	<0.50	99.2	70-130	3.02	30	
4-Isopropyltoluene	20.4	1.0	ug/L	20.0	<1.0	102	83-149	1.28	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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0611 - EPA 5030B</i>										
Matrix Spike Dup (B1E0611-MSD1) Source: 1E04019-07 Prepared & Analyzed: 05/06/21										
Continued										
Methyl-tert-Butyl Ether (MTBE)	41.4	1.2	ug/L	40.0	<1.2	103	56-150	1.99	30	
Methylene Chloride	18.2	5.0	ug/L	20.0	<5.0	91.2	70-130	1.41	30	
4-Methyl-2-pentanone (MIBK)	23.3	10	ug/L	20.0	<10	117	60-148	9.08	30	
Naphthalene	26.7	2.0	ug/L	20.0	<2.0	133	70-130	1.78	30	QM-07
n-Propylbenzene	19.6	0.50	ug/L	20.0	<0.50	97.9	70-130	2.53	30	
Styrene	20.9	0.50	ug/L	20.0	<0.50	104	65-141	0.672	30	
1,1,1,2-Tetrachloroethane	22.0	0.50	ug/L	20.0	<0.50	110	70-130	0.0455	30	
1,1,2,2-Tetrachloroethane	25.0	0.50	ug/L	20.0	<0.50	125	62-134	5.86	30	
Tetrachloroethylene (PCE)	21.0	0.50	ug/L	20.0	<0.50	105	70-130	2.31	30	
Toluene	19.4	0.50	ug/L	20.0	<0.50	97.2	81-123	1.35	30	
1,2,3-Trichlorobenzene	23.8	0.50	ug/L	20.0	<0.50	119	73-144	5.94	30	
1,2,4-Trichlorobenzene	22.7	0.50	ug/L	20.0	<0.50	114	80-137	6.59	30	
1,1,1-Trichloroethane	19.2	0.50	ug/L	20.0	<0.50	95.9	62-164	1.05	30	
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0	<0.50	111	76-122	2.19	30	
Trichloroethylene (TCE)	19.3	0.50	ug/L	20.0	<0.50	96.5	72-136	0.885	30	
Trichlorofluoromethane (R11)	19.5	0.50	ug/L	20.0	<0.50	97.4	59-144	0.614	30	
1,2,3-Trichloropropane	23.9	0.50	ug/L	20.0	<0.50	120	69-135	4.01	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	16.8	0.50	ug/L	20.0	<0.50	83.8	62-126	3.92	30	
1,3,5-Trimethylbenzene	19.9	0.50	ug/L	20.0	<0.50	99.4	70-130	2.29	30	
1,2,4-Trimethylbenzene	20.1	0.50	ug/L	20.0	<0.50	100	89-134	3.13	30	
Vinyl chloride	15.8	0.50	ug/L	20.0	<0.50	79.2	54-150	0.441	30	
o-Xylene	21.0	0.50	ug/L	20.0	<0.50	105	70-130	0.908	30	
m,p-Xylenes	40.9	1.0	ug/L	40.0	<1.0	102	70-130	0.294	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	46.6		ug/L	50.0		93.3	80-129			
<i>Surrogate: Dibromofluoromethane</i>	49.1		ug/L	50.0		98.2	68-137			
<i>Surrogate: Toluene-d8</i>	48.5		ug/L	50.0		96.9	83-134			

Diesel Range Organics by GC/FID - Quality Control

Batch B1E1018 - EPA 3510C

Blank (B1E1018-BLK1)

Prepared: 05/10/21 Analyzed: 05/11/21

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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E1018 - EPA 3510C</i>										
Blank (B1E1018-BLK1) Continued Prepared: 05/10/21 Analyzed: 05/11/21										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0434</i>		<i>mg/L</i>	<i>0.0400</i>		<i>109</i>	<i>50-150</i>			
LCS (B1E1018-BS1) Prepared: 05/10/21 Analyzed: 05/11/21										
Diesel Range Organics as Diesel	0.528	0.10	mg/L	0.800		66.0	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0412</i>		<i>mg/L</i>	<i>0.0400</i>		<i>103</i>	<i>50-150</i>			
LCS Dup (B1E1018-BSD1) Prepared: 05/10/21 Analyzed: 05/11/21										
Diesel Range Organics as Diesel	0.551	0.10	mg/L	0.800		68.9	36-132	4.23	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0419</i>		<i>mg/L</i>	<i>0.0400</i>		<i>105</i>	<i>50-150</i>			
<i>Batch B1E1210 - EPA 3510C</i>										
Blank (B1E1210-BLK1) Prepared: 05/11/21 Analyzed: 05/14/21										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0479</i>		<i>mg/L</i>	<i>0.0400</i>		<i>120</i>	<i>50-150</i>			
LCS (B1E1210-BS1) Prepared: 05/11/21 Analyzed: 05/14/21										
Diesel Range Organics as Diesel	0.639	0.10	mg/L	0.800		79.9	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0509</i>		<i>mg/L</i>	<i>0.0400</i>		<i>127</i>	<i>50-150</i>			
LCS Dup (B1E1210-BSD1) Prepared: 05/11/21 Analyzed: 05/14/21										
Diesel Range Organics as Diesel	0.453	0.10	mg/L	0.800		56.6	36-132	34.1	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0394</i>		<i>mg/L</i>	<i>0.0400</i>		<i>98.6</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B1E0525 - *** DEFAULT PREP ***</i>										
Blank (B1E0525-BLK1) Prepared & Analyzed: 05/05/21										
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>43.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>86.1</i>	<i>80-120</i>			
LCS (B1E0525-BS1) Prepared & Analyzed: 05/05/21										
Gasoline Range Organics (GRO)	488	100	ug/L	500		97.6	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>52.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>105</i>	<i>80-120</i>			
LCS Dup (B1E0525-BSD1) Prepared & Analyzed: 05/05/21										

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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

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 B1E0525 - *** DEFAULT PREP ***</i>										
LCS Dup (B1E0525-BSD1) Continued				Prepared & Analyzed: 05/05/21						
Gasoline Range Organics (GRO)	521	100	ug/L	500		104	75-125	6.63	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>54.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>109</i>	<i>80-120</i>			
Matrix Spike (B1E0525-MS1)				Source: 1E04019-07 Prepared & Analyzed: 05/05/21						
Gasoline Range Organics (GRO)	435	100	ug/L	500	<100	87.1	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.4</i>	<i>80-120</i>			
Matrix Spike Dup (B1E0525-MSD1)				Source: 1E04019-07 Prepared & Analyzed: 05/05/21						
Gasoline Range Organics (GRO)	428	100	ug/L	500	<100	85.6	70-130	1.70	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>44.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>88.6</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: A5334000
Date Received: 05/04/21
Date Reported: 05/18/21

Special Notes

[1] = **QM-07** : The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS or LCSD recovery.

A handwritten signature in black ink, appearing to read 'VA'.

Viorel Vasile
Operations Manager



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May 21, 2021

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5334001 / 1E04020**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/04/21 17:53 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to be 'V. Vasile'.

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	1E04020-01	Water	5	05/03/21 06:00	05/04/21 17:53
QCEB-1	1E04020-02	Water	5	05/03/21 07:45	05/04/21 17:53
QCTB-1	1E04020-14	Water	5	05/04/21 06:00	05/04/21 17:53
QCEB-1	1E04020-15	Water	5	05/04/21 07:40	05/04/21 17:53

8260B+OXYGENATES

GMW-64	1E04020-03	Water	5	05/03/21 09:05	05/04/21 17:53
GMW-63	1E04020-04	Water	5	05/03/21 08:25	05/04/21 17:53
GMW-65	1E04020-05	Water	5	05/03/21 09:45	05/04/21 17:53
GMW-67	1E04020-06	Water	5	05/03/21 10:20	05/04/21 17:53
GMW-69	1E04020-07	Water	5	05/03/21 10:55	05/04/21 17:53
GMW-62	1E04020-08	Water	5	05/03/21 11:35	05/04/21 17:53
DUP-1	1E04020-09	Water	5	05/03/21 00:00	05/04/21 17:53
MW-16	1E04020-10	Water	5	05/03/21 13:15	05/04/21 17:53
EXP-3	1E04020-11	Water	5	05/04/21 08:20	05/04/21 17:53
MW-29	1E04020-12	Water	5	05/04/21 09:05	05/04/21 17:53
GMW-44	1E04020-13	Water	5	05/04/21 10:00	05/04/21 17:53

Diesel Range Organics 8015M

QCEB-1	1E04020-02	Water	5	05/03/21 07:45	05/04/21 17:53
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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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GMW-64	1E04020-03	Water	5	05/03/21 09:05	05/04/21 17:53
GMW-63	1E04020-04	Water	5	05/03/21 08:25	05/04/21 17:53
GMW-65	1E04020-05	Water	5	05/03/21 09:45	05/04/21 17:53
GMW-67	1E04020-06	Water	5	05/03/21 10:20	05/04/21 17:53
GMW-69	1E04020-07	Water	5	05/03/21 10:55	05/04/21 17:53
GMW-62	1E04020-08	Water	5	05/03/21 11:35	05/04/21 17:53
DUP-1	1E04020-09	Water	5	05/03/21 00:00	05/04/21 17:53
MW-16	1E04020-10	Water	5	05/03/21 13:15	05/04/21 17:53
EXP-3	1E04020-11	Water	5	05/04/21 08:20	05/04/21 17:53
MW-29	1E04020-12	Water	5	05/04/21 09:05	05/04/21 17:53
GMW-44	1E04020-13	Water	5	05/04/21 10:00	05/04/21 17:53
QCEB-1	1E04020-15	Water	5	05/04/21 07:40	05/04/21 17:53

Gasoline Range Organics 8015M

GMW-64	1E04020-03	Water	5	05/03/21 09:05	05/04/21 17:53
GMW-63	1E04020-04	Water	5	05/03/21 08:25	05/04/21 17:53
GMW-65	1E04020-05	Water	5	05/03/21 09:45	05/04/21 17:53
GMW-67	1E04020-06	Water	5	05/03/21 10:20	05/04/21 17:53
GMW-69	1E04020-07	Water	5	05/03/21 10:55	05/04/21 17:53
GMW-62	1E04020-08	Water	5	05/03/21 11:35	05/04/21 17:53
DUP-1	1E04020-09	Water	5	05/03/21 00:00	05/04/21 17:53

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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
MW-16	1E04020-10	Water	5	05/03/21 13:15	05/04/21 17:53
EXP-3	1E04020-11	Water	5	05/04/21 08:20	05/04/21 17:53
MW-29	1E04020-12	Water	5	05/04/21 09:05	05/04/21 17:53
GMW-44	1E04020-13	Water	5	05/04/21 10:00	05/04/21 17:53

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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

Date Sampled:	05/03/21	05/03/21	05/04/21	05/04/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/06/21	05/07/21	05/07/21	
AA ID No:	1E04020-01	1E04020-02	1E04020-14	1E04020-15	
Client ID No:	QCTB-1	QCEB-1	QCTB-1	QCEB-1	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXY+TPHG (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, OXY & TPH Gasoline by GC/MS

AA Project No: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

Date Sampled:	05/03/21	05/03/21	05/04/21	05/04/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/06/21	05/07/21	05/07/21	
AA ID No:	1E04020-01	1E04020-02	1E04020-14	1E04020-15	
Client ID No:	QCTB-1	QCEB-1	QCTB-1	QCEB-1	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXY+TPHG (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
Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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

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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

Date Sampled:	05/03/21	05/03/21	05/04/21	05/04/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/06/21	05/07/21	05/07/21	
AA ID No:	1E04020-01	1E04020-02	1E04020-14	1E04020-15	
Client ID No:	QCTB-1	QCEB-1	QCTB-1	QCEB-1	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

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
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	89%	91%	96%	96%	80-129
Dibromofluoromethane	90%	92%	102%	102%	68-137
Toluene-d8	87%	88%	89%	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: VOCs & OXYGENATES by GC/MS

AA Project No: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

Date Sampled:	05/03/21	05/03/21	05/03/21	05/03/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/06/21	05/06/21	05/06/21	
AA ID No:	1E04020-03	1E04020-04	1E04020-05	1E04020-06	
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	<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	0.85	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	0.60	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

Table with 5 columns: Date Sampled, Date Prepared, Date Analyzed, AA ID No, Client ID No, Matrix, Dilution Factor, and MRL. Rows include data for samples 1E04020-03 through 1E04020-06.

8260B+OXYGENATES (EPA 8260B) (continued)

Table listing chemical compounds and their concentrations across four samples. Compounds include 1,4-Dichlorobenzene, Dichlorodifluoromethane, etc. Concentrations are mostly <0.50 or <2.0, with some values like 5.8 and 2.9.

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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

Date Sampled:	05/03/21	05/03/21	05/03/21	05/03/21
Date Prepared:	05/06/21	05/06/21	05/06/21	05/06/21
Date Analyzed:	05/06/21	05/06/21	05/06/21	05/06/21
AA ID No:	1E04020-03	1E04020-04	1E04020-05	1E04020-06
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	93%	95%	94%	92%	80-129
Dibromofluoromethane	90%	96%	95%	98%	68-137
Toluene-d8	89%	89%	90%	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: VOCs & OXYGENATES by GC/MS

AA Project No: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

	05/03/21	05/03/21	05/03/21	05/03/21	
Date Sampled:	05/03/21	05/03/21	05/03/21	05/03/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/07/21	05/07/21	05/07/21	
AA ID No:	1E04020-07	1E04020-08	1E04020-09	1E04020-10	
Client ID No:	GMW-69	GMW-62	DUP-1	MW-16	
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	28	13	8.1	<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	7.3	5.5	<0.50	<0.50	0.50
tert-Butylbenzene	1.5	1.4	1.1	<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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

	05/03/21	05/03/21	05/03/21	05/03/21	
Date Sampled:	05/03/21	05/03/21	05/03/21	05/03/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/07/21	05/07/21	05/07/21	
AA ID No:	1E04020-07	1E04020-08	1E04020-09	1E04020-10	
Client ID No:	GMW-69	GMW-62	DUP-1	MW-16	
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	0.52	<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	81	61	<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	35	34	26	<0.50	0.50
4-Isopropyltoluene	<1.0	4.2	2.7	<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	7.1	6.4	3.1	<2.0	2.0
n-Propylbenzene	30	28	21	<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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

	05/03/21	05/03/21	05/03/21	05/03/21	
Date Sampled:	05/03/21	05/03/21	05/03/21	05/03/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/06/21	05/07/21	05/07/21	05/07/21	
AA ID No:	1E04020-07	1E04020-08	1E04020-09	1E04020-10	
Client ID No:	GMW-69	GMW-62	DUP-1	MW-16	
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	0.52	<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	6.7	3.4	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	42	25	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	1.1	0.61	<0.50	0.50
m,p-Xylenes	<1.0	70	43	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	83%	82%	79%	91%	80-129
Dibromofluoromethane	105%	87%	89%	86%	68-137
Toluene-d8	89%	90%	88%	88%	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

Date Sampled:	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/07/21	05/07/21	05/07/21	
AA ID No:	1E04020-11	1E04020-12	1E04020-13	
Client ID No:	EXP-3	MW-29	GMW-44	
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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

Date Sampled:	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/07/21	05/07/21	05/07/21	
AA ID No:	1E04020-11	1E04020-12	1E04020-13	
Client ID No:	EXP-3	MW-29	GMW-44	
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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

	05/04/21	05/04/21	05/04/21	
Date Sampled:	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/06/21	05/06/21	05/06/21	
Date Analyzed:	05/07/21	05/07/21	05/07/21	
AA ID No:	1E04020-11	1E04020-12	1E04020-13	
Client ID No:	EXP-3	MW-29	GMW-44	
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	90%	92%	93%	80-129
Dibromofluoromethane	90%	91%	95%	68-137
Toluene-d8	87%	88%	88%	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: mg/L

Date Sampled:	05/03/21	05/03/21	05/03/21	05/03/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/11/21	05/11/21	05/11/21	05/11/21	
AA ID No:	1E04020-02	1E04020-03	1E04020-04	1E04020-05	
Client ID No:	QCEB-1	GMW-64	GMW-63	GMW-65	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.17	0.10	<0.10	<0.10	0.10
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Surrogates

o-Terphenyl	99%	105%	97%	102%	<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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: mg/L

Date Sampled:	05/03/21	05/03/21	05/03/21	05/03/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/11/21	05/11/21	05/11/21	05/11/21	
AA ID No:	1E04020-06	1E04020-07	1E04020-08	1E04020-09	
Client ID No:	GMW-67	GMW-69	GMW-62	DUP-1	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	0.28	6.2	2.3	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	95%	87%	96%	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: mg/L

Date Sampled:	05/03/21	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/10/21	05/11/21	05/11/21	05/11/21	
Date Analyzed:	05/11/21	05/14/21	05/14/21	05/14/21	
AA ID No:	1E04020-10	1E04020-11	1E04020-12	1E04020-13	
Client ID No:	MW-16	EXP-3	MW-29	GMW-44	
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	88%	78%	95%	116%	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: mg/L

Date Sampled:	05/04/21	
Date Prepared:	05/11/21	
Date Analyzed:	05/14/21	
AA ID No:	1E04020-15	
Client ID No:	QCEB-1	
Matrix:	Water	
Dilution Factor:	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	0.10
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<u>Surrogates</u>		<u>%REC Limits</u>
o-Terphenyl	127%	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

Date Sampled:	05/03/21	05/03/21	05/03/21	05/03/21	
Date Prepared:	05/07/21	05/07/21	05/07/21	05/07/21	
Date Analyzed:	05/07/21	05/07/21	05/07/21	05/07/21	
AA ID No:	1E04020-03	1E04020-04	1E04020-05	1E04020-06	
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	<100	100
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Surrogates

a,a,a-Trifluorotoluene	82%	80%	83%	87%	<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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

Date Sampled:	05/03/21	05/03/21	05/03/21	05/03/21	
Date Prepared:	05/07/21	05/07/21	05/07/21	05/07/21	
Date Analyzed:	05/07/21	05/07/21	05/07/21	05/07/21	
AA ID No:	1E04020-07	1E04020-08	1E04020-09	1E04020-10	
Client ID No:	GMW-69	GMW-62	DUP-1	MW-16	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	5	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	530	1000	830	<100	100
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Surrogates

a,a,a-Trifluorotoluene	89%	93%	84%	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
Method: Gasoline Range Organics by GC/FID

AA Project No: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21
Units: ug/L

Date Sampled:	05/04/21	05/04/21	05/04/21	
Date Prepared:	05/07/21	05/07/21	05/07/21	
Date Analyzed:	05/07/21	05/07/21	05/07/21	
AA ID No:	1E04020-11	1E04020-12	1E04020-13	
Client ID No:	EXP-3	MW-29	GMW-44	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	89%	81%	84%	<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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B

Blank (B1E0613-BLK1)

Prepared & Analyzed: 05/06/21

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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Blank (B1E0613-BLK1) Continued										
Prepared & Analyzed: 05/06/21										
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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Blank (B1E0613-BLK1) Continued										
Prepared & Analyzed: 05/06/21										
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>46.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.9</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.7</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>44.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>87.9</i>	<i>83-134</i>			
LCS (B1E0613-BS1)										
Prepared & Analyzed: 05/06/21										
Acetone	17.4	10	ug/L	20.0		86.8	27-123			
tert-Amyl-Methyl Ether (TAME)	30.4	2.0	ug/L	20.0		152	58-133			QL-06
Benzene	18.9	0.50	ug/L	20.0		94.6	60-134			
Bromobenzene	24.3	0.50	ug/L	20.0		122	70-130			
Bromochloromethane	19.6	0.50	ug/L	20.0		98.0	78-121			
Bromodichloromethane	20.8	0.50	ug/L	20.0		104	74-135			
Bromoform	25.4	0.50	ug/L	20.0		127	68-132			
Bromomethane	16.0	0.50	ug/L	20.0		80.1	58-142			
2-Butanone (MEK)	17.6	10	ug/L	20.0		88.0	62-138			
tert-Butyl Alcohol (TBA)	94.3	10	ug/L	100		94.3	65-148			
sec-Butylbenzene	23.3	0.50	ug/L	20.0		117	84-142			
tert-Butylbenzene	24.0	0.50	ug/L	20.0		120	70-130			
n-Butylbenzene	24.0	0.50	ug/L	20.0		120	70-130			
Carbon Disulfide	16.1	0.50	ug/L	20.0		80.4	17-177			
Carbon Tetrachloride	20.6	0.50	ug/L	20.0		103	66-155			
Chlorobenzene	23.3	0.50	ug/L	20.0		116	70-130			
Chloroethane	15.2	0.50	ug/L	20.0		75.8	45-166			
Chloroform	19.0	0.50	ug/L	20.0		95.2	71-131			
Chloromethane	15.8	0.50	ug/L	20.0		78.8	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
LCS (B1E0613-BS1) Continued						Prepared & Analyzed: 05/06/21				
2-Chlorotoluene	22.9	0.50	ug/L	20.0		115	70-130			
4-Chlorotoluene	24.1	0.50	ug/L	20.0		121	70-130			
1,2-Dibromo-3-chloropropane	24.0	1.0	ug/L	20.0		120	53-145			
Dibromochloromethane	23.6	0.50	ug/L	20.0		118	72-133			
1,2-Dibromoethane (EDB)	23.0	0.50	ug/L	20.0		115	79-120			
Dibromomethane	20.5	0.50	ug/L	20.0		103	68-124			
1,3-Dichlorobenzene	24.0	0.50	ug/L	20.0		120	70-130			
1,2-Dichlorobenzene	24.7	0.50	ug/L	20.0		123	70-130			
1,4-Dichlorobenzene	23.9	0.50	ug/L	20.0		119	70-130			
Dichlorodifluoromethane (R12)	12.6	0.50	ug/L	20.0		62.9	16-148			
1,1-Dichloroethane	17.8	0.50	ug/L	20.0		89.2	67-120			
1,2-Dichloroethane (EDC)	18.3	0.50	ug/L	20.0		91.5	57-156			
1,1-Dichloroethylene	17.8	0.50	ug/L	20.0		88.8	50-149			
trans-1,2-Dichloroethylene	18.9	0.50	ug/L	20.0		94.7	66-126			
cis-1,2-Dichloroethylene	18.6	0.50	ug/L	20.0		93.2	70-124			
1,2-Dichloropropane	19.3	0.50	ug/L	20.0		96.3	53-139			
2,2-Dichloropropane	18.3	0.50	ug/L	20.0		91.6	44-162			
1,3-Dichloropropane	22.2	0.50	ug/L	20.0		111	79-113			
cis-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0		107	67-127			
trans-1,3-Dichloropropylene	23.4	0.50	ug/L	20.0		117	76-121			
1,1-Dichloropropylene	19.7	0.50	ug/L	20.0		98.4	84-124			
Diisopropyl ether (DIPE)	17.7	2.0	ug/L	20.0		88.5	51-136			
Ethylbenzene	23.0	0.50	ug/L	20.0		115	86-124			
Ethyl-tert-Butyl Ether (ETBE)	25.0	2.0	ug/L	20.0		125	62-136			
Gasoline Range Organics (GRO)	465	100	ug/L	500		93.0	60-123			
Hexachlorobutadiene	26.5	1.0	ug/L	20.0		133	76-140			
2-Hexanone (MBK)	20.3	10	ug/L	20.0		101	52-123			
Isopropylbenzene	23.2	0.50	ug/L	20.0		116	70-130			
4-Isopropyltoluene	23.5	1.0	ug/L	20.0		118	70-130			
Methyl-tert-Butyl Ether (MTBE)	39.7	1.2	ug/L	40.0		99.3	58-144			
Methylene Chloride	18.3	5.0	ug/L	20.0		91.3	50-135			
4-Methyl-2-pentanone (MIBK)	22.3	10	ug/L	20.0		111	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
LCS (B1E0613-BS1) Continued										
Prepared & Analyzed: 05/06/21										
Naphthalene	25.2	2.0	ug/L	20.0		126	74-128			
n-Propylbenzene	23.6	0.50	ug/L	20.0		118	70-130			
Styrene	22.8	0.50	ug/L	20.0		114	84-123			
1,1,1,2-Tetrachloroethane	23.9	0.50	ug/L	20.0		120	70-130			
1,1,2,2-Tetrachloroethane	23.2	0.50	ug/L	20.0		116	58-126			
Tetrachloroethylene (PCE)	23.1	0.50	ug/L	20.0		116	70-130			
Toluene	21.4	0.50	ug/L	20.0		107	83-118			
1,2,3-Trichlorobenzene	27.0	0.50	ug/L	20.0		135	77-134			QL-02
1,2,4-Trichlorobenzene	27.2	0.50	ug/L	20.0		136	84-128			QL-06
1,1,1-Trichloroethane	20.3	0.50	ug/L	20.0		102	66-158			
1,1,2-Trichloroethane	22.8	0.50	ug/L	20.0		114	75-115			
Trichloroethylene (TCE)	19.6	0.50	ug/L	20.0		98.0	82-128			
Trichlorofluoromethane (R11)	16.6	0.50	ug/L	20.0		82.9	65-137			
1,2,3-Trichloropropane	23.6	0.50	ug/L	20.0		118	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.0	0.50	ug/L	20.0		90.0	62-130			
1,3,5-Trimethylbenzene	22.9	0.50	ug/L	20.0		115	70-130			
1,2,4-Trimethylbenzene	23.1	0.50	ug/L	20.0		115	70-130			
Vinyl chloride	16.2	0.50	ug/L	20.0		80.9	51-151			
o-Xylene	22.7	0.50	ug/L	20.0		114	70-130			
m,p-Xylenes	45.7	1.0	ug/L	40.0		114	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	44.6		ug/L	50.0		89.2	80-129			
<i>Surrogate: Dibromofluoromethane</i>	41.5		ug/L	50.0		83.0	68-137			
<i>Surrogate: Toluene-d8</i>	43.8		ug/L	50.0		87.7	83-134			
LCS Dup (B1E0613-BSD1)										
Prepared & Analyzed: 05/06/21										
Acetone	10.6	10	ug/L	20.0		53.1	27-123	48.2	30	QR-02
tert-Amyl-Methyl Ether (TAME)	29.1	2.0	ug/L	20.0		146	58-133	4.24	30	QL-06
Benzene	17.5	0.50	ug/L	20.0		87.4	60-134	7.96	30	
Bromobenzene	23.5	0.50	ug/L	20.0		117	70-130	3.47	30	
Bromochloromethane	19.0	0.50	ug/L	20.0		94.9	78-121	3.21	30	
Bromodichloromethane	19.4	0.50	ug/L	20.0		96.8	74-135	7.12	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
LCS Dup (B1E0613-BSD1) Continued										
Prepared & Analyzed: 05/06/21										
Bromoform	21.6	0.50	ug/L	20.0		108	68-132	15.9	30	
Bromomethane	14.8	0.50	ug/L	20.0		73.8	58-142	8.19	30	
2-Butanone (MEK)	16.9	10	ug/L	20.0		84.6	62-138	3.88	30	
tert-Butyl Alcohol (TBA)	88.8	10	ug/L	100		88.8	65-148	6.06	30	
sec-Butylbenzene	21.5	0.50	ug/L	20.0		108	84-142	8.12	30	
tert-Butylbenzene	22.2	0.50	ug/L	20.0		111	70-130	7.70	30	
n-Butylbenzene	21.7	0.50	ug/L	20.0		108	70-130	10.3	30	
Carbon Disulfide	14.8	0.50	ug/L	20.0		74.0	17-177	8.35	30	
Carbon Tetrachloride	18.7	0.50	ug/L	20.0		93.4	66-155	10.0	30	
Chlorobenzene	19.8	0.50	ug/L	20.0		99.2	70-130	16.0	30	
Chloroethane	15.3	0.50	ug/L	20.0		76.6	45-166	0.985	30	
Chloroform	17.6	0.50	ug/L	20.0		88.0	71-131	7.86	30	
Chloromethane	14.1	0.50	ug/L	20.0		70.4	48-152	11.3	30	
2-Chlorotoluene	21.5	0.50	ug/L	20.0		108	70-130	6.34	30	
4-Chlorotoluene	22.6	0.50	ug/L	20.0		113	70-130	6.81	30	
1,2-Dibromo-3-chloropropane	22.6	1.0	ug/L	20.0		113	53-145	6.10	30	
Dibromochloromethane	20.3	0.50	ug/L	20.0		102	72-133	15.1	30	
1,2-Dibromoethane (EDB)	19.4	0.50	ug/L	20.0		96.9	79-120	17.2	30	
Dibromomethane	19.5	0.50	ug/L	20.0		97.4	68-124	5.15	30	
1,3-Dichlorobenzene	22.6	0.50	ug/L	20.0		113	70-130	6.05	30	
1,2-Dichlorobenzene	23.5	0.50	ug/L	20.0		117	70-130	5.03	30	
1,4-Dichlorobenzene	22.6	0.50	ug/L	20.0		113	70-130	5.51	30	
Dichlorodifluoromethane (R12)	12.9	0.50	ug/L	20.0		64.3	16-148	2.20	30	
1,1-Dichloroethane	16.6	0.50	ug/L	20.0		82.8	67-120	7.50	30	
1,2-Dichloroethane (EDC)	17.2	0.50	ug/L	20.0		85.8	57-156	6.49	30	
1,1-Dichloroethylene	16.0	0.50	ug/L	20.0		79.8	50-149	10.7	30	
trans-1,2-Dichloroethylene	17.3	0.50	ug/L	20.0		86.4	66-126	9.22	30	
cis-1,2-Dichloroethylene	17.4	0.50	ug/L	20.0		86.8	70-124	7.17	30	
1,2-Dichloropropane	18.2	0.50	ug/L	20.0		90.8	53-139	5.88	30	
2,2-Dichloropropane	14.9	0.50	ug/L	20.0		74.6	44-162	20.4	30	
1,3-Dichloropropane	18.7	0.50	ug/L	20.0		93.4	79-113	17.4	30	
cis-1,3-Dichloropropylene	19.4	0.50	ug/L	20.0		96.8	67-127	10.1	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
LCS Dup (B1E0613-BSD1) Continued										
Prepared & Analyzed: 05/06/21										
trans-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0		94.6	76-121	21.2	30	
1,1-Dichloropropylene	17.6	0.50	ug/L	20.0		87.9	84-124	11.3	30	
Diisopropyl ether (DIPE)	16.0	2.0	ug/L	20.0		80.2	51-136	9.84	30	
Ethylbenzene	19.3	0.50	ug/L	20.0		96.4	86-124	17.4	30	
Ethyl-tert-Butyl Ether (ETBE)	23.6	2.0	ug/L	20.0		118	62-136	5.96	30	
Gasoline Range Organics (GRO)	417	100	ug/L	500		83.4	60-123	10.8	30	
Hexachlorobutadiene	24.8	1.0	ug/L	20.0		124	76-140	6.79	30	
2-Hexanone (MBK)	17.5	10	ug/L	20.0		87.7	52-123	14.5	30	
Isopropylbenzene	21.6	0.50	ug/L	20.0		108	70-130	7.01	30	
4-Isopropyltoluene	22.0	1.0	ug/L	20.0		110	70-130	6.85	30	
Methyl-tert-Butyl Ether (MTBE)	37.2	1.2	ug/L	40.0		92.9	58-144	6.66	30	
Methylene Chloride	17.0	5.0	ug/L	20.0		84.9	50-135	7.26	30	
4-Methyl-2-pentanone (MIBK)	22.6	10	ug/L	20.0		113	49-139	1.52	30	
Naphthalene	24.4	2.0	ug/L	20.0		122	74-128	3.34	30	
n-Propylbenzene	21.8	0.50	ug/L	20.0		109	70-130	7.81	30	
Styrene	19.2	0.50	ug/L	20.0		96.2	84-123	16.8	30	
1,1,1,2-Tetrachloroethane	20.8	0.50	ug/L	20.0		104	70-130	13.8	30	
1,1,2,2-Tetrachloroethane	18.8	0.50	ug/L	20.0		94.0	58-126	21.2	30	
Tetrachloroethylene (PCE)	19.1	0.50	ug/L	20.0		95.7	70-130	18.8	30	
Toluene	17.9	0.50	ug/L	20.0		89.6	83-118	17.8	30	
1,2,3-Trichlorobenzene	25.6	0.50	ug/L	20.0		128	77-134	5.13	30	
1,2,4-Trichlorobenzene	25.9	0.50	ug/L	20.0		129	84-128	5.23	30	QL-06
1,1,1-Trichloroethane	18.2	0.50	ug/L	20.0		91.2	66-158	10.7	30	
1,1,2-Trichloroethane	19.0	0.50	ug/L	20.0		95.2	75-115	18.1	30	
Trichloroethylene (TCE)	19.0	0.50	ug/L	20.0		95.2	82-128	3.00	30	
Trichlorofluoromethane (R11)	17.1	0.50	ug/L	20.0		85.7	65-137	3.32	30	
1,2,3-Trichloropropane	19.7	0.50	ug/L	20.0		98.5	68-123	18.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	15.7	0.50	ug/L	20.0		78.4	62-130	13.8	30	
1,3,5-Trimethylbenzene	21.2	0.50	ug/L	20.0		106	70-130	7.61	30	
1,2,4-Trimethylbenzene	21.5	0.50	ug/L	20.0		108	70-130	6.96	30	
Vinyl chloride	15.7	0.50	ug/L	20.0		78.7	51-151	2.76	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
LCS Dup (B1E0613-BSD1) Continued										
Prepared & Analyzed: 05/06/21										
o-Xylene	19.0	0.50	ug/L	20.0		95.2	70-130	17.6	30	
m,p-Xylenes	37.9	1.0	ug/L	40.0		94.8	70-130	18.6	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>41.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>82.4</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>38.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>77.0</i>	<i>83-134</i>			S-GC
Matrix Spike (B1E0613-MS1)										
Source: 1E04020-12										
Prepared: 05/06/21 Analyzed: 05/07/21										
Acetone	16.3	10	ug/L	20.0		81.6	11-169			
tert-Amyl-Methyl Ether (TAME)	28.7	2.0	ug/L	20.0		143	66-133			
Benzene	19.3	0.50	ug/L	20.0		96.4	56-135			
Bromobenzene	23.3	0.50	ug/L	20.0		116	70-130			
Bromochloromethane	18.8	0.50	ug/L	20.0		93.8	74-125			
Bromodichloromethane	20.8	0.50	ug/L	20.0		104	68-144			
Bromoform	18.2	0.50	ug/L	20.0		90.8	68-151			
Bromomethane	16.2	0.50	ug/L	20.0		81.2	54-142			
2-Butanone (MEK)	14.8	10	ug/L	20.0		74.2	62-145			
tert-Butyl Alcohol (TBA)	85.9	10	ug/L	100		85.9	73-162			
sec-Butylbenzene	22.7	0.50	ug/L	20.0		114	84-145			
tert-Butylbenzene	23.4	0.50	ug/L	20.0		117	70-130			
n-Butylbenzene	22.6	0.50	ug/L	20.0		113	70-130			
Carbon Disulfide	16.9	0.50	ug/L	20.0		84.7	28-151			
Carbon Tetrachloride	20.1	0.50	ug/L	20.0		101	58-164			
Chlorobenzene	20.0	0.50	ug/L	20.0		100	70-130			
Chloroethane	20.0	0.50	ug/L	20.0		100	42-164			
Chloroform	19.7	0.50	ug/L	20.0		98.5	65-138			
Chloromethane	18.1	0.50	ug/L	20.0		90.6	50-152			
2-Chlorotoluene	22.8	0.50	ug/L	20.0		114	70-130			
4-Chlorotoluene	24.0	0.50	ug/L	20.0		120	70-130			
1,2-Dibromo-3-chloropropane	20.6	1.0	ug/L	20.0		103	53-161			
Dibromochloromethane	18.3	0.50	ug/L	20.0		91.7	70-130			
1,2-Dibromoethane (EDB)	17.2	0.50	ug/L	20.0		86.0	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Matrix Spike (B1E0613-MS1) Continued Source: 1E04020-12 Prepared: 05/06/21 Analyzed: 05/07/21										
1,3-Dichlorobenzene	23.1	0.50	ug/L	20.0		116	70-130			
1,2-Dichlorobenzene	23.5	0.50	ug/L	20.0		118	70-130			
1,4-Dichlorobenzene	23.0	0.50	ug/L	20.0		115	70-130			
Dichlorodifluoromethane (R12)	12.9	0.50	ug/L	20.0		64.4	17-153			
1,1-Dichloroethane	19.3	0.50	ug/L	20.0		96.4	55-131			
1,2-Dichloroethane (EDC)	18.3	0.50	ug/L	20.0		91.4	52-168			
1,1-Dichloroethylene	17.6	0.50	ug/L	20.0		88.2	51-140			
trans-1,2-Dichloroethylene	18.5	0.50	ug/L	20.0		92.6	59-127			
cis-1,2-Dichloroethylene	18.7	0.50	ug/L	20.0		93.7	70-130			
1,2-Dichloropropane	20.4	0.50	ug/L	20.0		102	52-142			
2,2-Dichloropropane	14.1	0.50	ug/L	20.0		70.7	36-168			
1,3-Dichloropropane	17.5	0.50	ug/L	20.0		87.7	80-121			
cis-1,3-Dichloropropylene	19.4	0.50	ug/L	20.0		96.8	66-130			
trans-1,3-Dichloropropylene	17.2	0.50	ug/L	20.0		85.8	78-130			
1,1-Dichloropropylene	19.0	0.50	ug/L	20.0		95.0	76-132			
Diisopropyl ether (DIPE)	18.3	2.0	ug/L	20.0		91.6	52-138			
Ethylbenzene	19.8	0.50	ug/L	20.0		98.8	86-128			
Ethyl-tert-Butyl Ether (ETBE)	24.8	2.0	ug/L	20.0		124	64-137			
Hexachlorobutadiene	24.3	1.0	ug/L	20.0		122	70-130			
2-Hexanone (MBK)	14.4	10	ug/L	20.0		71.8	52-141			
Isopropylbenzene	22.8	0.50	ug/L	20.0		114	70-130			
4-Isopropyltoluene	23.2	1.0	ug/L	20.0		116	83-149			
Methyl-tert-Butyl Ether (MTBE)	36.9	1.2	ug/L	40.0		92.2	56-150			
Methylene Chloride	17.8	5.0	ug/L	20.0		88.8	70-130			
4-Methyl-2-pentanone (MIBK)	18.8	10	ug/L	20.0		94.2	60-148			
Naphthalene	21.6	2.0	ug/L	20.0		108	70-130			
n-Propylbenzene	23.1	0.50	ug/L	20.0		116	70-130			
Styrene	15.2	0.50	ug/L	20.0		76.1	65-141			
1,1,1,2-Tetrachloroethane	19.8	0.50	ug/L	20.0		99.2	70-130			
1,1,2,2-Tetrachloroethane	18.1	0.50	ug/L	20.0		90.3	62-134			
Tetrachloroethylene (PCE)	18.1	0.50	ug/L	20.0		90.7	70-130			
Toluene	18.3	0.50	ug/L	20.0		91.6	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B

Matrix Spike (B1E0613-MS1) Continued Source: 1E04020-12 Prepared: 05/06/21 Analyzed: 05/07/21

1,2,3-Trichlorobenzene	23.7	0.50	ug/L	20.0		118	73-144			
1,2,4-Trichlorobenzene	24.4	0.50	ug/L	20.0		122	80-137			
1,1,1-Trichloroethane	19.8	0.50	ug/L	20.0		99.2	62-164			
1,1,2-Trichloroethane	17.8	0.50	ug/L	20.0		89.0	76-122			
Trichloroethylene (TCE)	18.8	0.50	ug/L	20.0		94.2	72-136			
Trichlorofluoromethane (R11)	19.3	0.50	ug/L	20.0		96.7	59-144			
1,2,3-Trichloropropane	17.3	0.50	ug/L	20.0		86.6	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	16.5	0.50	ug/L	20.0		82.6	62-126			
1,3,5-Trimethylbenzene	22.4	0.50	ug/L	20.0		112	70-130			
1,2,4-Trimethylbenzene	22.7	0.50	ug/L	20.0		114	89-134			
Vinyl chloride	21.0	0.50	ug/L	20.0		105	54-150			
o-Xylene	20.0	0.50	ug/L	20.0		99.8	70-130			
m,p-Xylenes	38.9	1.0	ug/L	40.0		97.3	70-130			
Surrogate: 4-Bromofluorobenzene	46.3		ug/L	50.0		92.6	80-129			
Surrogate: Dibromofluoromethane	44.0		ug/L	50.0		88.0	68-137			
Surrogate: Toluene-d8	39.8		ug/L	50.0		79.5	83-134			S-GC

Matrix Spike Dup (B1E0613-MSD1) Source: 1E04020-12 Prepared: 05/06/21 Analyzed: 05/07/21

Acetone	16.6	10	ug/L	20.0		82.9	11-169	1.58	30	
tert-Amyl-Methyl Ether (TAME)	28.1	2.0	ug/L	20.0		140	66-133	2.18	30	
Benzene	17.8	0.50	ug/L	20.0		89.1	56-135	7.87	30	
Bromobenzene	22.0	0.50	ug/L	20.0		110	70-130	5.43	30	
Bromochloromethane	18.3	0.50	ug/L	20.0		91.3	74-125	2.65	30	
Bromodichloromethane	19.4	0.50	ug/L	20.0		96.8	68-144	6.88	30	
Bromoform	18.8	0.50	ug/L	20.0		94.2	68-151	3.73	30	
Bromomethane	16.0	0.50	ug/L	20.0		80.1	54-142	1.43	30	
2-Butanone (MEK)	14.6	10	ug/L	20.0		72.8	62-145	1.84	30	
tert-Butyl Alcohol (TBA)	81.7	10	ug/L	100		81.7	73-162	4.99	30	
sec-Butylbenzene	21.0	0.50	ug/L	20.0		105	84-145	7.82	30	
tert-Butylbenzene	21.6	0.50	ug/L	20.0		108	70-130	7.82	30	
n-Butylbenzene	20.9	0.50	ug/L	20.0		105	70-130	7.94	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Matrix Spike Dup (B1E0613-MSD1) Source: 1E04020-12 Prepared: 05/06/21 Analyzed: 05/07/21										
Continued										
Carbon Disulfide	15.8	0.50	ug/L	20.0		79.2	28-151	6.77	30	
Carbon Tetrachloride	18.2	0.50	ug/L	20.0		91.0	58-164	10.1	30	
Chlorobenzene	19.0	0.50	ug/L	20.0		94.8	70-130	5.24	30	
Chloroethane	18.1	0.50	ug/L	20.0		90.4	42-164	10.3	30	
Chloroform	18.4	0.50	ug/L	20.0		92.0	65-138	6.82	30	
Chloromethane	16.0	0.50	ug/L	20.0		80.1	50-152	12.4	30	
2-Chlorotoluene	20.9	0.50	ug/L	20.0		104	70-130	9.06	30	
4-Chlorotoluene	22.1	0.50	ug/L	20.0		110	70-130	8.30	30	
1,2-Dibromo-3-chloropropane	21.0	1.0	ug/L	20.0		105	53-161	2.31	30	
Dibromochloromethane	18.3	0.50	ug/L	20.0		91.4	70-130	0.273	30	
1,2-Dibromoethane (EDB)	17.8	0.50	ug/L	20.0		89.2	76-130	3.54	30	
Dibromomethane	19.1	0.50	ug/L	20.0		95.7	62-135	0.105	30	
1,3-Dichlorobenzene	21.7	0.50	ug/L	20.0		109	70-130	6.33	30	
1,2-Dichlorobenzene	22.6	0.50	ug/L	20.0		113	70-130	4.12	30	
1,4-Dichlorobenzene	21.7	0.50	ug/L	20.0		108	70-130	6.04	30	
Dichlorodifluoromethane (R12)	12.0	0.50	ug/L	20.0		60.2	17-153	6.66	30	
1,1-Dichloroethane	17.6	0.50	ug/L	20.0		88.1	55-131	9.00	30	
1,2-Dichloroethane (EDC)	17.7	0.50	ug/L	20.0		88.6	52-168	3.05	30	
1,1-Dichloroethylene	16.2	0.50	ug/L	20.0		81.1	51-140	8.39	30	
trans-1,2-Dichloroethylene	17.1	0.50	ug/L	20.0		85.7	59-127	7.79	30	
cis-1,2-Dichloroethylene	17.6	0.50	ug/L	20.0		88.2	70-130	5.99	30	
1,2-Dichloropropane	18.7	0.50	ug/L	20.0		93.4	52-142	8.95	30	
2,2-Dichloropropane	13.4	0.50	ug/L	20.0		67.0	36-168	5.45	30	
1,3-Dichloropropane	17.4	0.50	ug/L	20.0		86.8	80-121	1.03	30	
cis-1,3-Dichloropropylene	18.6	0.50	ug/L	20.0		93.2	66-130	3.79	30	
trans-1,3-Dichloropropylene	17.3	0.50	ug/L	20.0		86.6	78-130	1.04	30	
1,1-Dichloropropylene	17.4	0.50	ug/L	20.0		86.8	76-132	8.96	30	
Diisopropyl ether (DIPE)	17.0	2.0	ug/L	20.0		85.0	52-138	7.53	30	
Ethylbenzene	18.6	0.50	ug/L	20.0		92.8	86-128	6.26	30	
Ethyl-tert-Butyl Ether (ETBE)	23.7	2.0	ug/L	20.0		118	64-137	4.46	30	
Hexachlorobutadiene	22.3	1.0	ug/L	20.0		112	70-130	8.67	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Matrix Spike Dup (B1E0613-MSD1) Source: 1E04020-12 Prepared: 05/06/21 Analyzed: 05/07/21										
Continued										
2-Hexanone (MBK)	15.4	10	ug/L	20.0		76.8	52-141	6.66	30	
Isopropylbenzene	21.0	0.50	ug/L	20.0		105	70-130	8.12	30	
4-Isopropyltoluene	21.2	1.0	ug/L	20.0		106	83-149	8.88	30	
Methyl-tert-Butyl Ether (MTBE)	36.3	1.2	ug/L	40.0		90.8	56-150	1.50	30	
Methylene Chloride	16.8	5.0	ug/L	20.0		84.2	70-130	5.32	30	
4-Methyl-2-pentanone (MIBK)	19.2	10	ug/L	20.0		96.0	60-148	1.94	30	
Naphthalene	22.7	2.0	ug/L	20.0		113	70-130	5.06	30	
n-Propylbenzene	21.3	0.50	ug/L	20.0		107	70-130	8.19	30	
Styrene	16.2	0.50	ug/L	20.0		81.2	65-141	6.55	30	
1,1,1,2-Tetrachloroethane	19.4	0.50	ug/L	20.0		96.8	70-130	2.35	30	
1,1,2,2-Tetrachloroethane	18.7	0.50	ug/L	20.0		93.5	62-134	3.48	30	
Tetrachloroethylene (PCE)	17.1	0.50	ug/L	20.0		85.4	70-130	5.96	30	
Toluene	17.4	0.50	ug/L	20.0		86.8	81-123	5.38	30	
1,2,3-Trichlorobenzene	23.1	0.50	ug/L	20.0		115	73-144	2.65	30	
1,2,4-Trichlorobenzene	23.1	0.50	ug/L	20.0		115	80-137	5.52	30	
1,1,1-Trichloroethane	18.1	0.50	ug/L	20.0		90.4	62-164	9.18	30	
1,1,2-Trichloroethane	18.1	0.50	ug/L	20.0		90.5	76-122	1.62	30	
Trichloroethylene (TCE)	17.5	0.50	ug/L	20.0		87.6	72-136	7.26	30	
Trichlorofluoromethane (R11)	18.3	0.50	ug/L	20.0		91.6	59-144	5.36	30	
1,2,3-Trichloropropane	18.0	0.50	ug/L	20.0		90.2	69-135	4.19	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	15.8	0.50	ug/L	20.0		79.1	62-126	4.27	30	
1,3,5-Trimethylbenzene	20.5	0.50	ug/L	20.0		102	70-130	9.05	30	
1,2,4-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	89-134	7.97	30	
Vinyl chloride	17.9	0.50	ug/L	20.0		89.4	54-150	16.2	30	
o-Xylene	18.8	0.50	ug/L	20.0		94.0	70-130	5.93	30	
m,p-Xylenes	36.9	1.0	ug/L	40.0		92.2	70-130	5.41	30	
Surrogate: 4-Bromofluorobenzene	45.7		ug/L	50.0		91.3	80-129			
Surrogate: Dibromofluoromethane	43.6		ug/L	50.0		87.2	68-137			
Surrogate: Toluene-d8	39.9		ug/L	50.0		79.7	83-134			S-GC

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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Blank (B1E0613-BLK1)										
Prepared & Analyzed: 05/06/21										
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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Blank (B1E0613-BLK1) Continued										
Prepared & Analyzed: 05/06/21										
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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Blank (B1E0613-BLK1) Continued										
Prepared & Analyzed: 05/06/21										
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>46.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.9</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.7</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>44.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>87.9</i>	<i>83-134</i>			
LCS (B1E0613-BS1)										
Prepared & Analyzed: 05/06/21										
Acetone	17.4	10	ug/L	20.0		86.8	27-123			
tert-Amyl-Methyl Ether (TAME)	30.4	2.0	ug/L	20.0		152	58-133			QL-06
Benzene	18.9	0.50	ug/L	20.0		94.6	60-134			
Bromobenzene	24.3	0.50	ug/L	20.0		122	70-130			
Bromochloromethane	19.6	0.50	ug/L	20.0		98.0	78-121			
Bromodichloromethane	20.8	0.50	ug/L	20.0		104	74-135			
Bromoform	25.4	0.50	ug/L	20.0		127	68-132			
Bromomethane	16.0	0.50	ug/L	20.0		80.1	58-142			
2-Butanone (MEK)	17.6	10	ug/L	20.0		88.0	62-138			
tert-Butyl Alcohol (TBA)	94.3	10	ug/L	100		94.3	65-148			
sec-Butylbenzene	23.3	0.50	ug/L	20.0		117	84-142			
tert-Butylbenzene	24.0	0.50	ug/L	20.0		120	70-130			
n-Butylbenzene	24.0	0.50	ug/L	20.0		120	70-130			
Carbon Disulfide	16.1	0.50	ug/L	20.0		80.4	17-177			
Carbon Tetrachloride	20.6	0.50	ug/L	20.0		103	66-155			
Chlorobenzene	23.3	0.50	ug/L	20.0		116	70-130			
Chloroethane	15.2	0.50	ug/L	20.0		75.8	45-166			
Chloroform	19.0	0.50	ug/L	20.0		95.2	71-131			
Chloromethane	15.8	0.50	ug/L	20.0		78.8	48-152			
2-Chlorotoluene	22.9	0.50	ug/L	20.0		115	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
LCS (B1E0613-BS1) Continued										
Prepared & Analyzed: 05/06/21										
4-Chlorotoluene	24.1	0.50	ug/L	20.0		121	70-130			
1,2-Dibromo-3-chloropropane	24.0	1.0	ug/L	20.0		120	53-145			
Dibromochloromethane	23.6	0.50	ug/L	20.0		118	72-133			
1,2-Dibromoethane (EDB)	23.0	0.50	ug/L	20.0		115	79-120			
Dibromomethane	20.5	0.50	ug/L	20.0		103	68-124			
1,3-Dichlorobenzene	24.0	0.50	ug/L	20.0		120	70-130			
1,2-Dichlorobenzene	24.7	0.50	ug/L	20.0		123	70-130			
1,4-Dichlorobenzene	23.9	0.50	ug/L	20.0		119	70-130			
Dichlorodifluoromethane (R12)	12.6	0.50	ug/L	20.0		62.9	16-148			
1,1-Dichloroethane	17.8	0.50	ug/L	20.0		89.2	67-120			
1,2-Dichloroethane (EDC)	18.3	0.50	ug/L	20.0		91.5	57-156			
1,1-Dichloroethylene	17.8	0.50	ug/L	20.0		88.8	50-149			
trans-1,2-Dichloroethylene	18.9	0.50	ug/L	20.0		94.7	66-126			
cis-1,2-Dichloroethylene	18.6	0.50	ug/L	20.0		93.2	70-124			
1,2-Dichloropropane	19.3	0.50	ug/L	20.0		96.3	53-139			
2,2-Dichloropropane	18.3	0.50	ug/L	20.0		91.6	44-162			
1,3-Dichloropropane	22.2	0.50	ug/L	20.0		111	79-113			
cis-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0		107	67-127			
trans-1,3-Dichloropropylene	23.4	0.50	ug/L	20.0		117	76-121			
1,1-Dichloropropylene	19.7	0.50	ug/L	20.0		98.4	84-124			
Diisopropyl ether (DIPE)	17.7	2.0	ug/L	20.0		88.5	51-136			
Ethylbenzene	23.0	0.50	ug/L	20.0		115	86-124			
Ethyl-tert-Butyl Ether (ETBE)	25.0	2.0	ug/L	20.0		125	62-136			
Hexachlorobutadiene	26.5	1.0	ug/L	20.0		133	76-140			
2-Hexanone (MBK)	20.3	10	ug/L	20.0		101	52-123			
Isopropylbenzene	23.2	0.50	ug/L	20.0		116	70-130			
4-Isopropyltoluene	23.5	1.0	ug/L	20.0		118	70-130			
Methyl-tert-Butyl Ether (MTBE)	39.7	1.2	ug/L	40.0		99.3	58-144			
Methylene Chloride	18.3	5.0	ug/L	20.0		91.3	50-135			
4-Methyl-2-pentanone (MIBK)	22.3	10	ug/L	20.0		111	49-139			
Naphthalene	25.2	2.0	ug/L	20.0		126	74-128			
n-Propylbenzene	23.6	0.50	ug/L	20.0		118	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
LCS (B1E0613-BS1) Continued										
Prepared & Analyzed: 05/06/21										
Styrene	22.8	0.50	ug/L	20.0		114	84-123			
1,1,1,2-Tetrachloroethane	23.9	0.50	ug/L	20.0		120	70-130			
1,1,2,2-Tetrachloroethane	23.2	0.50	ug/L	20.0		116	58-126			
Tetrachloroethylene (PCE)	23.1	0.50	ug/L	20.0		116	70-130			
Toluene	21.4	0.50	ug/L	20.0		107	83-118			
1,2,3-Trichlorobenzene	27.0	0.50	ug/L	20.0		135	77-134			QL-02
1,2,4-Trichlorobenzene	27.2	0.50	ug/L	20.0		136	84-128			QL-06
1,1,1-Trichloroethane	20.3	0.50	ug/L	20.0		102	66-158			
1,1,2-Trichloroethane	22.8	0.50	ug/L	20.0		114	75-115			
Trichloroethylene (TCE)	19.6	0.50	ug/L	20.0		98.0	82-128			
Trichlorofluoromethane (R11)	16.6	0.50	ug/L	20.0		82.9	65-137			
1,2,3-Trichloropropane	23.6	0.50	ug/L	20.0		118	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.0	0.50	ug/L	20.0		90.0	62-130			
1,3,5-Trimethylbenzene	22.9	0.50	ug/L	20.0		115	70-130			
1,2,4-Trimethylbenzene	23.1	0.50	ug/L	20.0		115	70-130			
Vinyl chloride	16.2	0.50	ug/L	20.0		80.9	51-151			
o-Xylene	22.7	0.50	ug/L	20.0		114	70-130			
m,p-Xylenes	45.7	1.0	ug/L	40.0		114	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	44.6		ug/L	50.0		89.2	80-129			
<i>Surrogate: Dibromofluoromethane</i>	41.5		ug/L	50.0		83.0	68-137			
<i>Surrogate: Toluene-d8</i>	43.8		ug/L	50.0		87.7	83-134			
LCS Dup (B1E0613-BSD1)										
Prepared & Analyzed: 05/06/21										
Acetone	10.6	10	ug/L	20.0		53.1	27-123	48.2	30	QR-02
tert-Amyl-Methyl Ether (TAME)	29.1	2.0	ug/L	20.0		146	58-133	4.24	30	QL-06
Benzene	17.5	0.50	ug/L	20.0		87.4	60-134	7.96	30	
Bromobenzene	23.5	0.50	ug/L	20.0		117	70-130	3.47	30	
Bromochloromethane	19.0	0.50	ug/L	20.0		94.9	78-121	3.21	30	
Bromodichloromethane	19.4	0.50	ug/L	20.0		96.8	74-135	7.12	30	
Bromoform	21.6	0.50	ug/L	20.0		108	68-132	15.9	30	
Bromomethane	14.8	0.50	ug/L	20.0		73.8	58-142	8.19	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
LCS Dup (B1E0613-BSD1) Continued										
Prepared & Analyzed: 05/06/21										
2-Butanone (MEK)	16.9	10	ug/L	20.0		84.6	62-138	3.88	30	
tert-Butyl Alcohol (TBA)	88.8	10	ug/L	100		88.8	65-148	6.06	30	
sec-Butylbenzene	21.5	0.50	ug/L	20.0		108	84-142	8.12	30	
tert-Butylbenzene	22.2	0.50	ug/L	20.0		111	70-130	7.70	30	
n-Butylbenzene	21.7	0.50	ug/L	20.0		108	70-130	10.3	30	
Carbon Disulfide	14.8	0.50	ug/L	20.0		74.0	17-177	8.35	30	
Carbon Tetrachloride	18.7	0.50	ug/L	20.0		93.4	66-155	10.0	30	
Chlorobenzene	19.8	0.50	ug/L	20.0		99.2	70-130	16.0	30	
Chloroethane	15.3	0.50	ug/L	20.0		76.6	45-166	0.985	30	
Chloroform	17.6	0.50	ug/L	20.0		88.0	71-131	7.86	30	
Chloromethane	14.1	0.50	ug/L	20.0		70.4	48-152	11.3	30	
2-Chlorotoluene	21.5	0.50	ug/L	20.0		108	70-130	6.34	30	
4-Chlorotoluene	22.6	0.50	ug/L	20.0		113	70-130	6.81	30	
1,2-Dibromo-3-chloropropane	22.6	1.0	ug/L	20.0		113	53-145	6.10	30	
Dibromochloromethane	20.3	0.50	ug/L	20.0		102	72-133	15.1	30	
1,2-Dibromoethane (EDB)	19.4	0.50	ug/L	20.0		96.9	79-120	17.2	30	
Dibromomethane	19.5	0.50	ug/L	20.0		97.4	68-124	5.15	30	
1,3-Dichlorobenzene	22.6	0.50	ug/L	20.0		113	70-130	6.05	30	
1,2-Dichlorobenzene	23.5	0.50	ug/L	20.0		117	70-130	5.03	30	
1,4-Dichlorobenzene	22.6	0.50	ug/L	20.0		113	70-130	5.51	30	
Dichlorodifluoromethane (R12)	12.9	0.50	ug/L	20.0		64.3	16-148	2.20	30	
1,1-Dichloroethane	16.6	0.50	ug/L	20.0		82.8	67-120	7.50	30	
1,2-Dichloroethane (EDC)	17.2	0.50	ug/L	20.0		85.8	57-156	6.49	30	
1,1-Dichloroethylene	16.0	0.50	ug/L	20.0		79.8	50-149	10.7	30	
trans-1,2-Dichloroethylene	17.3	0.50	ug/L	20.0		86.4	66-126	9.22	30	
cis-1,2-Dichloroethylene	17.4	0.50	ug/L	20.0		86.8	70-124	7.17	30	
1,2-Dichloropropane	18.2	0.50	ug/L	20.0		90.8	53-139	5.88	30	
2,2-Dichloropropane	14.9	0.50	ug/L	20.0		74.6	44-162	20.4	30	
1,3-Dichloropropane	18.7	0.50	ug/L	20.0		93.4	79-113	17.4	30	
cis-1,3-Dichloropropylene	19.4	0.50	ug/L	20.0		96.8	67-127	10.1	30	
trans-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0		94.6	76-121	21.2	30	
1,1-Dichloropropylene	17.6	0.50	ug/L	20.0		87.9	84-124	11.3	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
LCS Dup (B1E0613-BSD1) Continued										
Prepared & Analyzed: 05/06/21										
Diisopropyl ether (DIPE)	16.0	2.0	ug/L	20.0		80.2	51-136	9.84	30	
Ethylbenzene	19.3	0.50	ug/L	20.0		96.4	86-124	17.4	30	
Ethyl-tert-Butyl Ether (ETBE)	23.6	2.0	ug/L	20.0		118	62-136	5.96	30	
Hexachlorobutadiene	24.8	1.0	ug/L	20.0		124	76-140	6.79	30	
2-Hexanone (MBK)	17.5	10	ug/L	20.0		87.7	52-123	14.5	30	
Isopropylbenzene	21.6	0.50	ug/L	20.0		108	70-130	7.01	30	
4-Isopropyltoluene	22.0	1.0	ug/L	20.0		110	70-130	6.85	30	
Methyl-tert-Butyl Ether (MTBE)	37.2	1.2	ug/L	40.0		92.9	58-144	6.66	30	
Methylene Chloride	17.0	5.0	ug/L	20.0		84.9	50-135	7.26	30	
4-Methyl-2-pentanone (MIBK)	22.6	10	ug/L	20.0		113	49-139	1.52	30	
Naphthalene	24.4	2.0	ug/L	20.0		122	74-128	3.34	30	
n-Propylbenzene	21.8	0.50	ug/L	20.0		109	70-130	7.81	30	
Styrene	19.2	0.50	ug/L	20.0		96.2	84-123	16.8	30	
1,1,1,2-Tetrachloroethane	20.8	0.50	ug/L	20.0		104	70-130	13.8	30	
1,1,2,2-Tetrachloroethane	18.8	0.50	ug/L	20.0		94.0	58-126	21.2	30	
Tetrachloroethylene (PCE)	19.1	0.50	ug/L	20.0		95.7	70-130	18.8	30	
Toluene	17.9	0.50	ug/L	20.0		89.6	83-118	17.8	30	
1,2,3-Trichlorobenzene	25.6	0.50	ug/L	20.0		128	77-134	5.13	30	
1,2,4-Trichlorobenzene	25.9	0.50	ug/L	20.0		129	84-128	5.23	30	QL-06
1,1,1-Trichloroethane	18.2	0.50	ug/L	20.0		91.2	66-158	10.7	30	
1,1,2-Trichloroethane	19.0	0.50	ug/L	20.0		95.2	75-115	18.1	30	
Trichloroethylene (TCE)	19.0	0.50	ug/L	20.0		95.2	82-128	3.00	30	
Trichlorofluoromethane (R11)	17.1	0.50	ug/L	20.0		85.7	65-137	3.32	30	
1,2,3-Trichloropropane	19.7	0.50	ug/L	20.0		98.5	68-123	18.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	15.7	0.50	ug/L	20.0		78.4	62-130	13.8	30	
1,3,5-Trimethylbenzene	21.2	0.50	ug/L	20.0		106	70-130	7.61	30	
1,2,4-Trimethylbenzene	21.5	0.50	ug/L	20.0		108	70-130	6.96	30	
Vinyl chloride	15.7	0.50	ug/L	20.0		78.7	51-151	2.76	30	
o-Xylene	19.0	0.50	ug/L	20.0		95.2	70-130	17.6	30	
m,p-Xylenes	37.9	1.0	ug/L	40.0		94.8	70-130	18.6	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
LCS Dup (B1E0613-BSD1) Continued										
Prepared & Analyzed: 05/06/21										
Surrogate: 4-Bromofluorobenzene	44.7		ug/L	50.0		89.4	80-129			
Surrogate: Dibromofluoromethane	41.2		ug/L	50.0		82.4	68-137			
Surrogate: Toluene-d8	38.5		ug/L	50.0		77.0	83-134			S-GC
Matrix Spike (B1E0613-MS1)										
Source: 1E04020-12										
Prepared: 05/06/21 Analyzed: 05/07/21										
Acetone	16.3	10	ug/L	20.0	<10	81.6	11-169			
tert-Amyl-Methyl Ether (TAME)	28.7	2.0	ug/L	20.0	<2.0	143	66-133			
Benzene	19.3	0.50	ug/L	20.0	<0.50	96.4	56-135			
Bromobenzene	23.3	0.50	ug/L	20.0	<0.50	116	70-130			
Bromochloromethane	18.8	0.50	ug/L	20.0	<0.50	93.8	74-125			
Bromodichloromethane	20.8	0.50	ug/L	20.0	<0.50	104	68-144			
Bromoform	18.2	0.50	ug/L	20.0	<0.50	90.8	68-151			
Bromomethane	16.2	0.50	ug/L	20.0	<0.50	81.2	54-142			
2-Butanone (MEK)	14.8	10	ug/L	20.0	<10	74.2	62-145			
tert-Butyl Alcohol (TBA)	85.9	10	ug/L	100	<10	85.9	73-162			
sec-Butylbenzene	22.7	0.50	ug/L	20.0	<0.50	114	84-145			
tert-Butylbenzene	23.4	0.50	ug/L	20.0	<0.50	117	70-130			
n-Butylbenzene	22.6	0.50	ug/L	20.0	<0.50	113	70-130			
Carbon Disulfide	16.9	0.50	ug/L	20.0	<0.50	84.7	28-151			
Carbon Tetrachloride	20.1	0.50	ug/L	20.0	<0.50	101	58-164			
Chlorobenzene	20.0	0.50	ug/L	20.0	<0.50	100	70-130			
Chloroethane	20.0	0.50	ug/L	20.0	<0.50	100	42-164			
Chloroform	19.7	0.50	ug/L	20.0	<0.50	98.5	65-138			
Chloromethane	18.1	0.50	ug/L	20.0	<0.50	90.6	50-152			
2-Chlorotoluene	22.8	0.50	ug/L	20.0	<0.50	114	70-130			
4-Chlorotoluene	24.0	0.50	ug/L	20.0	<0.50	120	70-130			
1,2-Dibromo-3-chloropropane	20.6	1.0	ug/L	20.0	<1.0	103	53-161			
Dibromochloromethane	18.3	0.50	ug/L	20.0	<0.50	91.7	70-130			
1,2-Dibromoethane (EDB)	17.2	0.50	ug/L	20.0	<0.50	86.0	76-130			
Dibromomethane	19.1	0.50	ug/L	20.0	<0.50	95.6	62-135			
1,3-Dichlorobenzene	23.1	0.50	ug/L	20.0	<0.50	116	70-130			
1,2-Dichlorobenzene	23.5	0.50	ug/L	20.0	<0.50	118	70-130			
1,4-Dichlorobenzene	23.0	0.50	ug/L	20.0	<0.50	115	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Matrix Spike (B1E0613-MS1) Continued Source: 1E04020-12 Prepared: 05/06/21 Analyzed: 05/07/21										
Dichlorodifluoromethane (R12)	12.9	0.50	ug/L	20.0	<0.50	64.4	17-153			
1,1-Dichloroethane	19.3	0.50	ug/L	20.0	<0.50	96.4	55-131			
1,2-Dichloroethane (EDC)	18.3	0.50	ug/L	20.0	<0.50	91.4	52-168			
1,1-Dichloroethylene	17.6	0.50	ug/L	20.0	<0.50	88.2	51-140			
trans-1,2-Dichloroethylene	18.5	0.50	ug/L	20.0	<0.50	92.6	59-127			
cis-1,2-Dichloroethylene	18.7	0.50	ug/L	20.0	<0.50	93.7	70-130			
1,2-Dichloropropane	20.4	0.50	ug/L	20.0	<0.50	102	52-142			
2,2-Dichloropropane	14.1	0.50	ug/L	20.0	<0.50	70.7	36-168			
1,3-Dichloropropane	17.5	0.50	ug/L	20.0	<0.50	87.7	80-121			
cis-1,3-Dichloropropylene	19.4	0.50	ug/L	20.0	<0.50	96.8	66-130			
trans-1,3-Dichloropropylene	17.2	0.50	ug/L	20.0	<0.50	85.8	78-130			
1,1-Dichloropropylene	19.0	0.50	ug/L	20.0	<0.50	95.0	76-132			
Diisopropyl ether (DIPE)	18.3	2.0	ug/L	20.0	<2.0	91.6	52-138			
Ethylbenzene	19.8	0.50	ug/L	20.0	<0.50	98.8	86-128			
Ethyl-tert-Butyl Ether (ETBE)	24.8	2.0	ug/L	20.0	<2.0	124	64-137			
Hexachlorobutadiene	24.3	1.0	ug/L	20.0	<1.0	122	70-130			
2-Hexanone (MBK)	14.4	10	ug/L	20.0	<10	71.8	52-141			
Isopropylbenzene	22.8	0.50	ug/L	20.0	<0.50	114	70-130			
4-Isopropyltoluene	23.2	1.0	ug/L	20.0	<1.0	116	83-149			
Methyl-tert-Butyl Ether (MTBE)	36.9	1.2	ug/L	40.0	<1.2	92.2	56-150			
Methylene Chloride	17.8	5.0	ug/L	20.0	<5.0	88.8	70-130			
4-Methyl-2-pentanone (MIBK)	18.8	10	ug/L	20.0	<10	94.2	60-148			
Naphthalene	21.6	2.0	ug/L	20.0	<2.0	108	70-130			
n-Propylbenzene	23.1	0.50	ug/L	20.0	<0.50	116	70-130			
Styrene	15.2	0.50	ug/L	20.0	<0.50	76.1	65-141			
1,1,1,2-Tetrachloroethane	19.8	0.50	ug/L	20.0	<0.50	99.2	70-130			
1,1,2,2-Tetrachloroethane	18.1	0.50	ug/L	20.0	<0.50	90.3	62-134			
Tetrachloroethylene (PCE)	18.1	0.50	ug/L	20.0	<0.50	90.7	70-130			
Toluene	18.3	0.50	ug/L	20.0	<0.50	91.6	81-123			
1,2,3-Trichlorobenzene	23.7	0.50	ug/L	20.0	<0.50	118	73-144			
1,2,4-Trichlorobenzene	24.4	0.50	ug/L	20.0	<0.50	122	80-137			
1,1,1-Trichloroethane	19.8	0.50	ug/L	20.0	<0.50	99.2	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Matrix Spike (B1E0613-MS1) Continued Source: 1E04020-12 Prepared: 05/06/21 Analyzed: 05/07/21										
1,1,2-Trichloroethane	17.8	0.50	ug/L	20.0	<0.50	89.0	76-122			
Trichloroethylene (TCE)	18.8	0.50	ug/L	20.0	<0.50	94.2	72-136			
Trichlorofluoromethane (R11)	19.3	0.50	ug/L	20.0	<0.50	96.7	59-144			
1,2,3-Trichloropropane	17.3	0.50	ug/L	20.0	<0.50	86.6	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	16.5	0.50	ug/L	20.0	<0.50	82.6	62-126			
1,3,5-Trimethylbenzene	22.4	0.50	ug/L	20.0	<0.50	112	70-130			
1,2,4-Trimethylbenzene	22.7	0.50	ug/L	20.0	<0.50	114	89-134			
Vinyl chloride	21.0	0.50	ug/L	20.0	<0.50	105	54-150			
o-Xylene	20.0	0.50	ug/L	20.0	<0.50	99.8	70-130			
m,p-Xylenes	38.9	1.0	ug/L	40.0	<1.0	97.3	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	46.3		ug/L	50.0		92.6	80-129			
<i>Surrogate: Dibromofluoromethane</i>	44.0		ug/L	50.0		88.0	68-137			
<i>Surrogate: Toluene-d8</i>	39.8		ug/L	50.0		79.5	83-134			S-GC
Matrix Spike Dup (B1E0613-MSD1) Source: 1E04020-12 Prepared: 05/06/21 Analyzed: 05/07/21										
Acetone	16.6	10	ug/L	20.0	<10	82.9	11-169	1.58	30	
tert-Amyl-Methyl Ether (TAME)	28.1	2.0	ug/L	20.0	<2.0	140	66-133	2.18	30	
Benzene	17.8	0.50	ug/L	20.0	<0.50	89.1	56-135	7.87	30	
Bromobenzene	22.0	0.50	ug/L	20.0	<0.50	110	70-130	5.43	30	
Bromochloromethane	18.3	0.50	ug/L	20.0	<0.50	91.3	74-125	2.65	30	
Bromodichloromethane	19.4	0.50	ug/L	20.0	<0.50	96.8	68-144	6.88	30	
Bromoform	18.8	0.50	ug/L	20.0	<0.50	94.2	68-151	3.73	30	
Bromomethane	16.0	0.50	ug/L	20.0	<0.50	80.1	54-142	1.43	30	
2-Butanone (MEK)	14.6	10	ug/L	20.0	<10	72.8	62-145	1.84	30	
tert-Butyl Alcohol (TBA)	81.7	10	ug/L	100	<10	81.7	73-162	4.99	30	
sec-Butylbenzene	21.0	0.50	ug/L	20.0	<0.50	105	84-145	7.82	30	
tert-Butylbenzene	21.6	0.50	ug/L	20.0	<0.50	108	70-130	7.82	30	
n-Butylbenzene	20.9	0.50	ug/L	20.0	<0.50	105	70-130	7.94	30	
Carbon Disulfide	15.8	0.50	ug/L	20.0	<0.50	79.2	28-151	6.77	30	
Carbon Tetrachloride	18.2	0.50	ug/L	20.0	<0.50	91.0	58-164	10.1	30	
Chlorobenzene	19.0	0.50	ug/L	20.0	<0.50	94.8	70-130	5.24	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Matrix Spike Dup (B1E0613-MSD1) Source: 1E04020-12 Prepared: 05/06/21 Analyzed: 05/07/21										
Continued										
Chloroethane	18.1	0.50	ug/L	20.0	<0.50	90.4	42-164	10.3	30	
Chloroform	18.4	0.50	ug/L	20.0	<0.50	92.0	65-138	6.82	30	
Chloromethane	16.0	0.50	ug/L	20.0	<0.50	80.1	50-152	12.4	30	
2-Chlorotoluene	20.9	0.50	ug/L	20.0	<0.50	104	70-130	9.06	30	
4-Chlorotoluene	22.1	0.50	ug/L	20.0	<0.50	110	70-130	8.30	30	
1,2-Dibromo-3-chloropropane	21.0	1.0	ug/L	20.0	<1.0	105	53-161	2.31	30	
Dibromochloromethane	18.3	0.50	ug/L	20.0	<0.50	91.4	70-130	0.273	30	
1,2-Dibromoethane (EDB)	17.8	0.50	ug/L	20.0	<0.50	89.2	76-130	3.54	30	
Dibromomethane	19.1	0.50	ug/L	20.0	<0.50	95.7	62-135	0.105	30	
1,3-Dichlorobenzene	21.7	0.50	ug/L	20.0	<0.50	109	70-130	6.33	30	
1,2-Dichlorobenzene	22.6	0.50	ug/L	20.0	<0.50	113	70-130	4.12	30	
1,4-Dichlorobenzene	21.7	0.50	ug/L	20.0	<0.50	108	70-130	6.04	30	
Dichlorodifluoromethane (R12)	12.0	0.50	ug/L	20.0	<0.50	60.2	17-153	6.66	30	
1,1-Dichloroethane	17.6	0.50	ug/L	20.0	<0.50	88.1	55-131	9.00	30	
1,2-Dichloroethane (EDC)	17.7	0.50	ug/L	20.0	<0.50	88.6	52-168	3.05	30	
1,1-Dichloroethylene	16.2	0.50	ug/L	20.0	<0.50	81.1	51-140	8.39	30	
trans-1,2-Dichloroethylene	17.1	0.50	ug/L	20.0	<0.50	85.7	59-127	7.79	30	
cis-1,2-Dichloroethylene	17.6	0.50	ug/L	20.0	<0.50	88.2	70-130	5.99	30	
1,2-Dichloropropane	18.7	0.50	ug/L	20.0	<0.50	93.4	52-142	8.95	30	
2,2-Dichloropropane	13.4	0.50	ug/L	20.0	<0.50	67.0	36-168	5.45	30	
1,3-Dichloropropane	17.4	0.50	ug/L	20.0	<0.50	86.8	80-121	1.03	30	
cis-1,3-Dichloropropylene	18.6	0.50	ug/L	20.0	<0.50	93.2	66-130	3.79	30	
trans-1,3-Dichloropropylene	17.3	0.50	ug/L	20.0	<0.50	86.6	78-130	1.04	30	
1,1-Dichloropropylene	17.4	0.50	ug/L	20.0	<0.50	86.8	76-132	8.96	30	
Diisopropyl ether (DIPE)	17.0	2.0	ug/L	20.0	<2.0	85.0	52-138	7.53	30	
Ethylbenzene	18.6	0.50	ug/L	20.0	<0.50	92.8	86-128	6.26	30	
Ethyl-tert-Butyl Ether (ETBE)	23.7	2.0	ug/L	20.0	<2.0	118	64-137	4.46	30	
Hexachlorobutadiene	22.3	1.0	ug/L	20.0	<1.0	112	70-130	8.67	30	
2-Hexanone (MBK)	15.4	10	ug/L	20.0	<10	76.8	52-141	6.66	30	
Isopropylbenzene	21.0	0.50	ug/L	20.0	<0.50	105	70-130	8.12	30	
4-Isopropyltoluene	21.2	1.0	ug/L	20.0	<1.0	106	83-149	8.88	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0613 - EPA 5030B</i>										
Matrix Spike Dup (B1E0613-MSD1) Source: 1E04020-12 Prepared: 05/06/21 Analyzed: 05/07/21										
Continued										
Methyl-tert-Butyl Ether (MTBE)	36.3	1.2	ug/L	40.0	<1.2	90.8	56-150	1.50	30	
Methylene Chloride	16.8	5.0	ug/L	20.0	<5.0	84.2	70-130	5.32	30	
4-Methyl-2-pentanone (MIBK)	19.2	10	ug/L	20.0	<10	96.0	60-148	1.94	30	
Naphthalene	22.7	2.0	ug/L	20.0	<2.0	113	70-130	5.06	30	
n-Propylbenzene	21.3	0.50	ug/L	20.0	<0.50	107	70-130	8.19	30	
Styrene	16.2	0.50	ug/L	20.0	<0.50	81.2	65-141	6.55	30	
1,1,1,2-Tetrachloroethane	19.4	0.50	ug/L	20.0	<0.50	96.8	70-130	2.35	30	
1,1,2,2-Tetrachloroethane	18.7	0.50	ug/L	20.0	<0.50	93.5	62-134	3.48	30	
Tetrachloroethylene (PCE)	17.1	0.50	ug/L	20.0	<0.50	85.4	70-130	5.96	30	
Toluene	17.4	0.50	ug/L	20.0	<0.50	86.8	81-123	5.38	30	
1,2,3-Trichlorobenzene	23.1	0.50	ug/L	20.0	<0.50	115	73-144	2.65	30	
1,2,4-Trichlorobenzene	23.1	0.50	ug/L	20.0	<0.50	115	80-137	5.52	30	
1,1,1-Trichloroethane	18.1	0.50	ug/L	20.0	<0.50	90.4	62-164	9.18	30	
1,1,2-Trichloroethane	18.1	0.50	ug/L	20.0	<0.50	90.5	76-122	1.62	30	
Trichloroethylene (TCE)	17.5	0.50	ug/L	20.0	<0.50	87.6	72-136	7.26	30	
Trichlorofluoromethane (R11)	18.3	0.50	ug/L	20.0	<0.50	91.6	59-144	5.36	30	
1,2,3-Trichloropropane	18.0	0.50	ug/L	20.0	<0.50	90.2	69-135	4.19	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	15.8	0.50	ug/L	20.0	<0.50	79.1	62-126	4.27	30	
1,3,5-Trimethylbenzene	20.5	0.50	ug/L	20.0	<0.50	102	70-130	9.05	30	
1,2,4-Trimethylbenzene	21.0	0.50	ug/L	20.0	<0.50	105	89-134	7.97	30	
Vinyl chloride	17.9	0.50	ug/L	20.0	<0.50	89.4	54-150	16.2	30	
o-Xylene	18.8	0.50	ug/L	20.0	<0.50	94.0	70-130	5.93	30	
m,p-Xylenes	36.9	1.0	ug/L	40.0	<1.0	92.2	70-130	5.41	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>45.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>91.3</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>43.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>87.2</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>39.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>79.7</i>	<i>83-134</i>			S-GC

Diesel Range Organics by GC/FID - Quality Control

Batch B1E1018 - EPA 3510C

Blank (B1E1018-BLK1)

Prepared: 05/10/21 Analyzed: 05/11/21

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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E1018 - EPA 3510C</i>										
Blank (B1E1018-BLK1) Continued				Prepared: 05/10/21 Analyzed: 05/11/21						
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0434</i>		<i>mg/L</i>	<i>0.0400</i>		<i>109</i>	<i>50-150</i>			
LCS (B1E1018-BS1)				Prepared: 05/10/21 Analyzed: 05/11/21						
Diesel Range Organics as Diesel	0.528	0.10	mg/L	0.800		66.0	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0412</i>		<i>mg/L</i>	<i>0.0400</i>		<i>103</i>	<i>50-150</i>			
LCS Dup (B1E1018-BSD1)				Prepared: 05/10/21 Analyzed: 05/11/21						
Diesel Range Organics as Diesel	0.551	0.10	mg/L	0.800		68.9	36-132	4.23	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0419</i>		<i>mg/L</i>	<i>0.0400</i>		<i>105</i>	<i>50-150</i>			
<i>Batch B1E1210 - EPA 3510C</i>										
Blank (B1E1210-BLK1)				Prepared: 05/11/21 Analyzed: 05/14/21						
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0479</i>		<i>mg/L</i>	<i>0.0400</i>		<i>120</i>	<i>50-150</i>			
LCS (B1E1210-BS1)				Prepared: 05/11/21 Analyzed: 05/14/21						
Diesel Range Organics as Diesel	0.639	0.10	mg/L	0.800		79.9	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0509</i>		<i>mg/L</i>	<i>0.0400</i>		<i>127</i>	<i>50-150</i>			
LCS Dup (B1E1210-BSD1)				Prepared: 05/11/21 Analyzed: 05/14/21						
Diesel Range Organics as Diesel	0.453	0.10	mg/L	0.800		56.6	36-132	34.1	30	QR-02
<i>Surrogate: o-Terphenyl</i>	<i>0.0394</i>		<i>mg/L</i>	<i>0.0400</i>		<i>98.6</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B1E0702 - *** DEFAULT PREP ***</i>										
Blank (B1E0702-BLK1)				Prepared & Analyzed: 05/07/21						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>40.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>80.0</i>	<i>80-120</i>			
LCS (B1E0702-BS1)				Prepared & Analyzed: 05/07/21						
Gasoline Range Organics (GRO)	469	100	ug/L	500		93.8	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>49.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.9</i>	<i>80-120</i>			
LCS Dup (B1E0702-BSD1)				Prepared & Analyzed: 05/07/21						

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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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 B1E0702 - *** DEFAULT PREP ***</i>										
LCS Dup (B1E0702-BSD1) Continued					Prepared & Analyzed: 05/07/21					
Gasoline Range Organics (GRO)	467	100	ug/L	500		93.3	75-125	0.486	30	
Surrogate: a,a,a-Trifluorotoluene	47.8		ug/L	50.0		95.7	80-120			
Matrix Spike (B1E0702-MS1)					Source: 1E04020-13 Prepared & Analyzed: 05/07/21					
Gasoline Range Organics (GRO)	439	100	ug/L	500	<100	87.7	70-130		30	
Surrogate: a,a,a-Trifluorotoluene	47.8		ug/L	50.0		95.6	80-120			
Matrix Spike Dup (B1E0702-MSD1)					Source: 1E04020-13 Prepared & Analyzed: 05/07/21					
Gasoline Range Organics (GRO)	450	100	ug/L	500	<100	89.9	70-130	2.49	30	
Surrogate: a,a,a-Trifluorotoluene	51.8		ug/L	50.0		104	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: A5334001
Date Received: 05/04/21
Date Reported: 05/21/21

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-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.
- [3] = **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.
- [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 'Viorel Vasile'.

Viorel Vasile
Operations Manager



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

May 18, 2021

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5334002 / 1E05014**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/05/21 18:35 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. Vasile', is written over a light blue horizontal line.

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	1E05014-01	Water	5	05/05/21 06:00	05/05/21 18:35
QCEB-1	1E05014-02	Water	5	05/05/21 07:00	05/05/21 18:35

8260B+OXYGENATES

GW-6	1E05014-03	Water	5	05/05/21 07:30	05/05/21 18:35
GW-8	1E05014-04	Water	5	05/05/21 08:05	05/05/21 18:35
GMW-6	1E05014-05	Water	5	05/05/21 08:40	05/05/21 18:35
GMW-58	1E05014-06	Water	5	05/05/21 09:15	05/05/21 18:35
GMW-60	1E05014-07	Water	5	05/05/21 09:45	05/05/21 18:35
DUP-3	1E05014-08	Water	5	05/05/21 00:00	05/05/21 18:35
MW-17	1E05014-09	Water	5	05/05/21 10:20	05/05/21 18:35
GMW-61	1E05014-10	Water	5	05/05/21 10:55	05/05/21 18:35
GMW-48	1E05014-11	Water	5	05/05/21 11:30	05/05/21 18:35
TF-21	1E05014-12	Water	5	05/05/21 12:10	05/05/21 18:35
GW-16	1E05014-13	Water	5	05/05/21 12:45	05/05/21 18:35
GMW-66R	1E05014-14	Water	5	05/05/21 13:15	05/05/21 18:35
MW-13	1E05014-15	Water	5	05/05/21 13:50	05/05/21 18:35

Diesel Range Organics 8015M

QCEB-1	1E05014-02	Water	5	05/05/21 07:00	05/05/21 18:35
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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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GW-6	1E05014-03	Water	5	05/05/21 07:30	05/05/21 18:35
GW-8	1E05014-04	Water	5	05/05/21 08:05	05/05/21 18:35
GMW-6	1E05014-05	Water	5	05/05/21 08:40	05/05/21 18:35
GMW-58	1E05014-06	Water	5	05/05/21 09:15	05/05/21 18:35
GMW-60	1E05014-07	Water	5	05/05/21 09:45	05/05/21 18:35
DUP-3	1E05014-08	Water	5	05/05/21 00:00	05/05/21 18:35
MW-17	1E05014-09	Water	5	05/05/21 10:20	05/05/21 18:35
GMW-61	1E05014-10	Water	5	05/05/21 10:55	05/05/21 18:35
GMW-48	1E05014-11	Water	5	05/05/21 11:30	05/05/21 18:35
TF-21	1E05014-12	Water	5	05/05/21 12:10	05/05/21 18:35
GW-16	1E05014-13	Water	5	05/05/21 12:45	05/05/21 18:35
GMW-66R	1E05014-14	Water	5	05/05/21 13:15	05/05/21 18:35
MW-13	1E05014-15	Water	5	05/05/21 13:50	05/05/21 18:35

Gasoline Range Organics 8015M

GW-6	1E05014-03	Water	5	05/05/21 07:30	05/05/21 18:35
GW-8	1E05014-04	Water	5	05/05/21 08:05	05/05/21 18:35
GMW-6	1E05014-05	Water	5	05/05/21 08:40	05/05/21 18:35
GMW-58	1E05014-06	Water	5	05/05/21 09:15	05/05/21 18:35
GMW-60	1E05014-07	Water	5	05/05/21 09:45	05/05/21 18:35
DUP-3	1E05014-08	Water	5	05/05/21 00:00	05/05/21 18:35

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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
MW-17	1E05014-09	Water	5	05/05/21 10:20	05/05/21 18:35
GMW-61	1E05014-10	Water	5	05/05/21 10:55	05/05/21 18:35
GMW-48	1E05014-11	Water	5	05/05/21 11:30	05/05/21 18:35
TF-21	1E05014-12	Water	5	05/05/21 12:10	05/05/21 18:35
GW-16	1E05014-13	Water	5	05/05/21 12:45	05/05/21 18:35
GMW-66R	1E05014-14	Water	5	05/05/21 13:15	05/05/21 18:35
MW-13	1E05014-15	Water	5	05/05/21 13:50	05/05/21 18:35

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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/10/21	
AA ID No:	1E05014-01	1E05014-02	
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/10/21	
AA ID No:	1E05014-01	1E05014-02	
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/10/21	
AA ID No:	1E05014-01	1E05014-02	
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	99%	101%	68-137
Toluene-d8	88%	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: VOCs & OXYGENATES by GC/MS

AA Project No: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/10/21	05/10/21	05/10/21	
AA ID No:	1E05014-03	1E05014-04	1E05014-05	1E05014-06	
Client ID No:	GW-6	GW-8	GMW-6	GMW-58	
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21
Date Analyzed:	05/10/21	05/10/21	05/10/21	05/10/21
AA ID No:	1E05014-03	1E05014-04	1E05014-05	1E05014-06
Client ID No:	GW-6	GW-8	GMW-6	GMW-58
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

	05/05/21	05/05/21	05/05/21	05/05/21	
Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/10/21	05/10/21	05/10/21	
AA ID No:	1E05014-03	1E05014-04	1E05014-05	1E05014-06	
Client ID No:	GW-6	GW-8	GMW-6	GMW-58	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	98%	96%	97%	98%	80-129
Dibromofluoromethane	100%	100%	104%	102%	68-137
Toluene-d8	89%	89%	88%	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

	05/05/21	05/05/21	05/05/21	05/05/21	
Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/10/21	05/10/21	05/10/21	
AA ID No:	1E05014-07	1E05014-08	1E05014-09	1E05014-10	
Client ID No:	GMW-60	DUP-3	MW-17	GMW-61	
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/10/21	05/10/21	05/10/21	
AA ID No:	1E05014-07	1E05014-08	1E05014-09	1E05014-10	
Client ID No:	GMW-60	DUP-3	MW-17	GMW-61	
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/10/21	05/10/21	05/10/21	
AA ID No:	1E05014-07	1E05014-08	1E05014-09	1E05014-10	
Client ID No:	GMW-60	DUP-3	MW-17	GMW-61	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	98%	97%	97%	93%	80-129
Dibromofluoromethane	105%	101%	104%	91%	68-137
Toluene-d8	89%	90%	90%	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: VOCs & OXYGENATES by GC/MS

AA Project No: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/11/21	05/11/21	05/11/21	
AA ID No:	1E05014-11	1E05014-12	1E05014-13	1E05014-14	
Client ID No:	GMW-48	TF-21	GW-16	GMW-66R	
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/11/21	05/11/21	05/11/21	
AA ID No:	1E05014-11	1E05014-12	1E05014-13	1E05014-14	
Client ID No:	GMW-48	TF-21	GW-16	GMW-66R	
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

	05/05/21	05/05/21	05/05/21	05/05/21	
Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/11/21	05/11/21	05/11/21	
AA ID No:	1E05014-11	1E05014-12	1E05014-13	1E05014-14	
Client ID No:	GMW-48	TF-21	GW-16	GMW-66R	
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	88%	91%	92%	93%	80-129
Dibromofluoromethane	87%	90%	89%	92%	68-137
Toluene-d8	88%	89%	88%	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: VOCs & OXYGENATES by GC/MS

AA Project No: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	
Date Prepared:	05/10/21	
Date Analyzed:	05/11/21	
AA ID No:	1E05014-15	
Client ID No:	MW-13	
Matrix:	Water	
Dilution Factor:	1	MRL

8260B+OXYGENATES (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 & OXYGENATES by GC/MS

AA Project No: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	
Date Prepared:	05/10/21	
Date Analyzed:	05/11/21	
AA ID No:	1E05014-15	
Client ID No:	MW-13	
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	<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
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	
Date Prepared:	05/10/21	
Date Analyzed:	05/11/21	
AA ID No:	1E05014-15	
Client ID No:	MW-13	
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

<u>Surrogates</u>		<u>%REC Limits</u>
4-Bromofluorobenzene	96%	80-129
Dibromofluoromethane	97%	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: mg/L

	05/05/21	05/05/21	05/05/21	05/05/21	
Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/11/21	05/11/21	05/11/21	05/12/21	
Date Analyzed:	05/14/21	05/14/21	05/14/21	05/13/21	
AA ID No:	1E05014-02	1E05014-03	1E05014-04	1E05014-05	
Client ID No:	QCEB-1	GW-6	GW-8	GMW-6	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

	05/05/21	05/05/21	05/05/21	05/05/21	
Diesel Range Organics as Diesel	<0.10	<0.10	0.14	<0.10	0.10

Surrogates

	05/05/21	05/05/21	05/05/21	05/05/21	<u>%REC Limits</u>
o-Terphenyl	129%	88%	100%	120%	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: mg/L

Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/12/21	05/12/21	05/12/21	05/12/21	
Date Analyzed:	05/13/21	05/13/21	05/13/21	05/13/21	
AA ID No:	1E05014-06	1E05014-07	1E05014-08	1E05014-09	
Client ID No:	GMW-58	GMW-60	DUP-3	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	111%	71%	88%	101%	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: mg/L

Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/12/21	05/12/21	05/12/21	05/12/21	
Date Analyzed:	05/13/21	05/13/21	05/13/21	05/13/21	
AA ID No:	1E05014-10	1E05014-11	1E05014-12	1E05014-13	
Client ID No:	GMW-61	GMW-48	TF-21	GW-16	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	5	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	21	0.15	0.29	0.16	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	64%	92%	108%	117%	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: mg/L

Date Sampled:	05/05/21	05/05/21	
Date Prepared:	05/12/21	05/12/21	
Date Analyzed:	05/13/21	05/13/21	
AA ID No:	1E05014-14	1E05014-15	
Client ID No:	GMW-66R	MW-13	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	0.23	0.10
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Surrogates

o-Terphenyl	118%	108%	%REC Limits 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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/10/21	05/10/21	05/10/21	
AA ID No:	1E05014-03	1E05014-04	1E05014-05	1E05014-06	
Client ID No:	GW-6	GW-8	GMW-6	GMW-58	
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%	87%	84%	92%	<u>%REC Limits</u> 80-120
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/10/21	05/10/21	05/10/21	
AA ID No:	1E05014-07	1E05014-08	1E05014-09	1E05014-10	
Client ID No:	GMW-60	DUP-3	MW-17	GMW-61	
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	80%	94%	80%	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
Method: Gasoline Range Organics by GC/FID

AA Project No: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	05/05/21	05/05/21	05/05/21	
Date Prepared:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Analyzed:	05/10/21	05/10/21	05/10/21	05/10/21	
AA ID No:	1E05014-11	1E05014-12	1E05014-13	1E05014-14	
Client ID No:	GMW-48	TF-21	GW-16	GMW-66R	
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%	89%	80%	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
Method: Gasoline Range Organics by GC/FID

AA Project No: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21
Units: ug/L

Date Sampled:	05/05/21	
Date Prepared:	05/10/21	
Date Analyzed:	05/10/21	
AA ID No:	1E05014-15	
Client ID No:	MW-13	
Matrix:	Water	
Dilution Factor:	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	100
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<u>Surrogates</u>		<u>%REC Limits</u>
a,a,a-Trifluorotoluene	84%	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B1E1006 - EPA 5030B</i>										
Blank (B1E1006-BLK1)					Prepared & Analyzed: 05/10/21					
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Blank (B1E1006-BLK1) Continued										
Prepared & Analyzed: 05/10/21										
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Blank (B1E1006-BLK1) Continued										
Prepared & Analyzed: 05/10/21										
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>47.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.1</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>44.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>89.6</i>	<i>83-134</i>			
LCS (B1E1006-BS1)										
Prepared & Analyzed: 05/10/21										
Acetone	20.3	10	ug/L	20.0		101	27-123			
tert-Amyl-Methyl Ether (TAME)	30.1	2.0	ug/L	20.0		150	58-133			QL-06
Benzene	18.2	0.50	ug/L	20.0		91.2	60-134			
Bromobenzene	21.7	0.50	ug/L	20.0		108	70-130			
Bromochloromethane	18.2	0.50	ug/L	20.0		91.2	78-121			
Bromodichloromethane	20.1	0.50	ug/L	20.0		100	74-135			
Bromoform	19.8	0.50	ug/L	20.0		99.2	68-132			
Bromomethane	18.1	0.50	ug/L	20.0		90.3	58-142			
2-Butanone (MEK)	17.7	10	ug/L	20.0		88.5	62-138			
tert-Butyl Alcohol (TBA)	95.5	10	ug/L	100		95.5	65-148			
sec-Butylbenzene	21.3	0.50	ug/L	20.0		107	84-142			
tert-Butylbenzene	21.7	0.50	ug/L	20.0		109	70-130			
n-Butylbenzene	22.4	0.50	ug/L	20.0		112	70-130			
Carbon Disulfide	15.3	0.50	ug/L	20.0		76.4	17-177			
Carbon Tetrachloride	19.2	0.50	ug/L	20.0		96.1	66-155			
Chlorobenzene	18.9	0.50	ug/L	20.0		94.4	70-130			
Chloroethane	20.4	0.50	ug/L	20.0		102	45-166			
Chloroform	18.4	0.50	ug/L	20.0		91.9	71-131			
Chloromethane	17.2	0.50	ug/L	20.0		85.8	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
LCS (B1E1006-BS1) Continued										
Prepared & Analyzed: 05/10/21										
2-Chlorotoluene	20.7	0.50	ug/L	20.0		104	70-130			
4-Chlorotoluene	21.9	0.50	ug/L	20.0		109	70-130			
1,2-Dibromo-3-chloropropane	22.0	1.0	ug/L	20.0		110	53-145			
Dibromochloromethane	18.9	0.50	ug/L	20.0		94.3	72-133			
1,2-Dibromoethane (EDB)	18.5	0.50	ug/L	20.0		92.4	79-120			
Dibromomethane	19.9	0.50	ug/L	20.0		99.3	68-124			
1,3-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130			
1,2-Dichlorobenzene	22.4	0.50	ug/L	20.0		112	70-130			
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
Dichlorodifluoromethane (R12)	12.9	0.50	ug/L	20.0		64.4	16-148			
1,1-Dichloroethane	17.7	0.50	ug/L	20.0		88.7	67-120			
1,2-Dichloroethane (EDC)	18.6	0.50	ug/L	20.0		92.9	57-156			
1,1-Dichloroethylene	15.9	0.50	ug/L	20.0		79.6	50-149			
trans-1,2-Dichloroethylene	17.3	0.50	ug/L	20.0		86.4	66-126			
cis-1,2-Dichloroethylene	17.4	0.50	ug/L	20.0		87.0	70-124			
1,2-Dichloropropane	19.2	0.50	ug/L	20.0		95.8	53-139			
2,2-Dichloropropane	17.6	0.50	ug/L	20.0		87.8	44-162			
1,3-Dichloropropane	17.9	0.50	ug/L	20.0		89.6	79-113			
cis-1,3-Dichloropropylene	20.5	0.50	ug/L	20.0		103	67-127			
trans-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0		94.6	76-121			
1,1-Dichloropropylene	18.5	0.50	ug/L	20.0		92.6	84-124			
Diisopropyl ether (DIPE)	17.7	2.0	ug/L	20.0		88.4	51-136			
Ethylbenzene	18.8	0.50	ug/L	20.0		94.2	86-124			
Ethyl-tert-Butyl Ether (ETBE)	25.3	2.0	ug/L	20.0		126	62-136			
Gasoline Range Organics (GRO)	442	100	ug/L	500		88.5	60-123			
Hexachlorobutadiene	23.5	1.0	ug/L	20.0		118	76-140			
2-Hexanone (MBK)	17.0	10	ug/L	20.0		85.2	52-123			
Isopropylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
4-Isopropyltoluene	21.8	1.0	ug/L	20.0		109	70-130			
Methyl-tert-Butyl Ether (MTBE)	39.0	1.2	ug/L	40.0		97.6	58-144			
Methylene Chloride	17.2	5.0	ug/L	20.0		85.8	50-135			
4-Methyl-2-pentanone (MIBK)	21.7	10	ug/L	20.0		109	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B

LCS (B1E1006-BS1) Continued

Prepared & Analyzed: 05/10/21

Naphthalene	22.7	2.0	ug/L	20.0		114	74-128			
n-Propylbenzene	21.6	0.50	ug/L	20.0		108	70-130			
Styrene	18.3	0.50	ug/L	20.0		91.4	84-123			
1,1,1,2-Tetrachloroethane	19.3	0.50	ug/L	20.0		96.3	70-130			
1,1,2,2-Tetrachloroethane	19.9	0.50	ug/L	20.0		99.4	58-126			
Tetrachloroethylene (PCE)	18.0	0.50	ug/L	20.0		89.8	70-130			
Toluene	17.2	0.50	ug/L	20.0		85.8	83-118			
1,2,3-Trichlorobenzene	24.3	0.50	ug/L	20.0		122	77-134			
1,2,4-Trichlorobenzene	24.8	0.50	ug/L	20.0		124	84-128			
1,1,1-Trichloroethane	19.0	0.50	ug/L	20.0		94.8	66-158			
1,1,2-Trichloroethane	18.5	0.50	ug/L	20.0		92.7	75-115			
Trichloroethylene (TCE)	18.2	0.50	ug/L	20.0		90.8	82-128			
Trichlorofluoromethane (R11)	21.7	0.50	ug/L	20.0		109	65-137			
1,2,3-Trichloropropane	19.8	0.50	ug/L	20.0		99.0	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.4	0.50	ug/L	20.0		87.2	62-130			
1,3,5-Trimethylbenzene	20.7	0.50	ug/L	20.0		103	70-130			
1,2,4-Trimethylbenzene	21.1	0.50	ug/L	20.0		106	70-130			
Vinyl chloride	20.3	0.50	ug/L	20.0		102	51-151			
o-Xylene	18.8	0.50	ug/L	20.0		94.0	70-130			
m,p-Xylenes	37.5	1.0	ug/L	40.0		93.7	70-130			
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Surrogate: 4-Bromofluorobenzene	44.8		ug/L	50.0		89.5	80-129			
Surrogate: Dibromofluoromethane	42.9		ug/L	50.0		85.9	68-137			
Surrogate: Toluene-d8	39.0		ug/L	50.0		77.9	83-134			S-GC

LCS Dup (B1E1006-BSD1)

Prepared & Analyzed: 05/10/21

Acetone	20.6	10	ug/L	20.0		103	27-123	1.61	30	
tert-Amyl-Methyl Ether (TAME)	34.5	2.0	ug/L	20.0		172	58-133	13.7	30	QL-06
Benzene	19.9	0.50	ug/L	20.0		99.7	60-134	8.91	30	
Bromobenzene	24.2	0.50	ug/L	20.0		121	70-130	11.2	30	
Bromochloromethane	21.0	0.50	ug/L	20.0		105	78-121	14.1	30	
Bromodichloromethane	22.4	0.50	ug/L	20.0		112	74-135	10.8	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
LCS Dup (B1E1006-BSD1) Continued										
Prepared & Analyzed: 05/10/21										
Bromoform	25.6	0.50	ug/L	20.0		128	68-132	25.3	30	
Bromomethane	18.1	0.50	ug/L	20.0		90.3	58-142	0.00	30	
2-Butanone (MEK)	19.7	10	ug/L	20.0		98.7	62-138	10.9	30	
tert-Butyl Alcohol (TBA)	110	10	ug/L	100		110	65-148	14.0	30	
sec-Butylbenzene	22.8	0.50	ug/L	20.0		114	84-142	6.54	30	
tert-Butylbenzene	23.3	0.50	ug/L	20.0		117	70-130	7.06	30	
n-Butylbenzene	23.5	0.50	ug/L	20.0		117	70-130	4.44	30	
Carbon Disulfide	15.7	0.50	ug/L	20.0		78.4	17-177	2.65	30	
Carbon Tetrachloride	20.9	0.50	ug/L	20.0		104	66-155	8.37	30	
Chlorobenzene	23.4	0.50	ug/L	20.0		117	70-130	21.4	30	
Chloroethane	20.2	0.50	ug/L	20.0		101	45-166	1.23	30	
Chloroform	20.3	0.50	ug/L	20.0		102	71-131	9.93	30	
Chloromethane	17.5	0.50	ug/L	20.0		87.5	48-152	1.90	30	
2-Chlorotoluene	22.6	0.50	ug/L	20.0		113	70-130	8.50	30	
4-Chlorotoluene	23.8	0.50	ug/L	20.0		119	70-130	8.54	30	
1,2-Dibromo-3-chloropropane	25.3	1.0	ug/L	20.0		127	53-145	14.2	30	
Dibromochloromethane	24.2	0.50	ug/L	20.0		121	72-133	24.9	30	
1,2-Dibromoethane (EDB)	23.8	0.50	ug/L	20.0		119	79-120	25.1	30	
Dibromomethane	22.4	0.50	ug/L	20.0		112	68-124	12.2	30	
1,3-Dichlorobenzene	24.0	0.50	ug/L	20.0		120	70-130	9.22	30	
1,2-Dichlorobenzene	25.0	0.50	ug/L	20.0		125	70-130	10.8	30	
1,4-Dichlorobenzene	24.1	0.50	ug/L	20.0		120	70-130	11.9	30	
Dichlorodifluoromethane (R12)	12.2	0.50	ug/L	20.0		61.0	16-148	5.34	30	
1,1-Dichloroethane	18.7	0.50	ug/L	20.0		93.6	67-120	5.38	30	
1,2-Dichloroethane (EDC)	20.4	0.50	ug/L	20.0		102	57-156	9.48	30	
1,1-Dichloroethylene	17.4	0.50	ug/L	20.0		86.8	50-149	8.66	30	
trans-1,2-Dichloroethylene	19.3	0.50	ug/L	20.0		96.4	66-126	11.1	30	
cis-1,2-Dichloroethylene	19.3	0.50	ug/L	20.0		96.4	70-124	10.2	30	
1,2-Dichloropropane	21.2	0.50	ug/L	20.0		106	53-139	10.1	30	
2,2-Dichloropropane	17.4	0.50	ug/L	20.0		87.2	44-162	0.571	30	
1,3-Dichloropropane	23.0	0.50	ug/L	20.0		115	79-113	24.7	30	QL-03
cis-1,3-Dichloropropylene	22.8	0.50	ug/L	20.0		114	67-127	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
LCS Dup (B1E1006-BSD1) Continued										
Prepared & Analyzed: 05/10/21										
trans-1,3-Dichloropropylene	23.3	0.50	ug/L	20.0		116	76-121	20.6	30	
1,1-Dichloropropylene	19.8	0.50	ug/L	20.0		99.2	84-124	6.83	30	
Diisopropyl ether (DIPE)	19.1	2.0	ug/L	20.0		95.4	51-136	7.67	30	
Ethylbenzene	22.5	0.50	ug/L	20.0		113	86-124	17.8	30	
Ethyl-tert-Butyl Ether (ETBE)	27.7	2.0	ug/L	20.0		139	62-136	9.32	30	QL-03
Gasoline Range Organics (GRO)	424	100	ug/L	500		84.8	60-123	4.29	30	
Hexachlorobutadiene	26.2	1.0	ug/L	20.0		131	76-140	10.8	30	
2-Hexanone (MBK)	21.0	10	ug/L	20.0		105	52-123	21.1	30	
Isopropylbenzene	22.6	0.50	ug/L	20.0		113	70-130	7.67	30	
4-Isopropyltoluene	23.2	1.0	ug/L	20.0		116	70-130	6.35	30	
Methyl-tert-Butyl Ether (MTBE)	44.2	1.2	ug/L	40.0		111	58-144	12.5	30	
Methylene Chloride	19.6	5.0	ug/L	20.0		98.2	50-135	13.4	30	
4-Methyl-2-pentanone (MIBK)	25.7	10	ug/L	20.0		129	49-139	16.9	30	
Naphthalene	26.8	2.0	ug/L	20.0		134	74-128	16.3	30	QL-03
n-Propylbenzene	23.1	0.50	ug/L	20.0		116	70-130	6.90	30	
Styrene	24.1	0.50	ug/L	20.0		121	84-123	27.5	30	
1,1,1,2-Tetrachloroethane	24.3	0.50	ug/L	20.0		122	70-130	23.2	30	
1,1,2,2-Tetrachloroethane	23.5	0.50	ug/L	20.0		117	58-126	16.6	30	
Tetrachloroethylene (PCE)	22.2	0.50	ug/L	20.0		111	70-130	21.1	30	
Toluene	21.2	0.50	ug/L	20.0		106	83-118	21.1	30	
1,2,3-Trichlorobenzene	27.6	0.50	ug/L	20.0		138	77-134	12.8	30	QL-03
1,2,4-Trichlorobenzene	27.6	0.50	ug/L	20.0		138	84-128	10.5	30	QL-03
1,1,1-Trichloroethane	20.6	0.50	ug/L	20.0		103	66-158	8.48	30	
1,1,2-Trichloroethane	23.6	0.50	ug/L	20.0		118	75-115	24.2	30	QL-03
Trichloroethylene (TCE)	21.5	0.50	ug/L	20.0		108	82-128	16.8	30	
Trichlorofluoromethane (R11)	22.1	0.50	ug/L	20.0		111	65-137	1.82	30	
1,2,3-Trichloropropane	24.5	0.50	ug/L	20.0		123	68-123	21.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.9	0.50	ug/L	20.0		94.3	62-130	7.88	30	
1,3,5-Trimethylbenzene	22.3	0.50	ug/L	20.0		112	70-130	7.68	30	
1,2,4-Trimethylbenzene	23.0	0.50	ug/L	20.0		115	70-130	8.48	30	
Vinyl chloride	20.2	0.50	ug/L	20.0		101	51-151	0.395	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
LCS Dup (B1E1006-BSD1) Continued										
Prepared & Analyzed: 05/10/21										
o-Xylene	22.3	0.50	ug/L	20.0		111	70-130	17.0	30	
m,p-Xylenes	44.7	1.0	ug/L	40.0		112	70-130	17.6	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>44.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>89.8</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>43.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>86.9</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>43.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>86.5</i>	<i>83-134</i>			
Matrix Spike (B1E1006-MS1)										
Source: 1E05014-03										
Prepared: 05/10/21 Analyzed: 05/11/21										
Acetone	19.3	10	ug/L	20.0		96.4	11-169			
tert-Amyl-Methyl Ether (TAME)	29.8	2.0	ug/L	20.0		149	66-133			
Benzene	18.6	0.50	ug/L	20.0		93.1	56-135			
Bromobenzene	21.6	0.50	ug/L	20.0		108	70-130			
Bromochloromethane	17.7	0.50	ug/L	20.0		88.6	74-125			
Bromodichloromethane	19.8	0.50	ug/L	20.0		98.8	68-144			
Bromoform	17.2	0.50	ug/L	20.0		86.2	68-151			
Bromomethane	17.0	0.50	ug/L	20.0		85.2	54-142			
2-Butanone (MEK)	19.1	10	ug/L	20.0		95.4	62-145			
tert-Butyl Alcohol (TBA)	75.1	10	ug/L	100		75.1	73-162			
sec-Butylbenzene	21.6	0.50	ug/L	20.0		108	84-145			
tert-Butylbenzene	22.0	0.50	ug/L	20.0		110	70-130			
n-Butylbenzene	21.4	0.50	ug/L	20.0		107	70-130			
Carbon Disulfide	15.2	0.50	ug/L	20.0		76.0	28-151			
Carbon Tetrachloride	19.4	0.50	ug/L	20.0		96.8	58-164			
Chlorobenzene	18.9	0.50	ug/L	20.0		94.4	70-130			
Chloroethane	20.0	0.50	ug/L	20.0		100	42-164			
Chloroform	18.8	0.50	ug/L	20.0		94.2	65-138			
Chloromethane	17.0	0.50	ug/L	20.0		85.2	50-152			
2-Chlorotoluene	21.3	0.50	ug/L	20.0		106	70-130			
4-Chlorotoluene	22.0	0.50	ug/L	20.0		110	70-130			
1,2-Dibromo-3-chloropropane	18.9	1.0	ug/L	20.0		94.6	53-161			
Dibromochloromethane	17.4	0.50	ug/L	20.0		87.0	70-130			
1,2-Dibromoethane (EDB)	16.7	0.50	ug/L	20.0		83.3	76-130			
Dibromomethane	18.3	0.50	ug/L	20.0		91.6	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Matrix Spike (B1E1006-MS1) Continued Source: 1E05014-03 Prepared: 05/10/21 Analyzed: 05/11/21										
1,3-Dichlorobenzene	21.5	0.50	ug/L	20.0		108	70-130			
1,2-Dichlorobenzene	22.0	0.50	ug/L	20.0		110	70-130			
1,4-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130			
Dichlorodifluoromethane (R12)	9.86	0.50	ug/L	20.0		49.3	17-153			
1,1-Dichloroethane	18.4	0.50	ug/L	20.0		92.1	55-131			
1,2-Dichloroethane (EDC)	17.7	0.50	ug/L	20.0		88.4	52-168			
1,1-Dichloroethylene	16.5	0.50	ug/L	20.0		82.3	51-140			
trans-1,2-Dichloroethylene	17.7	0.50	ug/L	20.0		88.4	59-127			
cis-1,2-Dichloroethylene	17.6	0.50	ug/L	20.0		88.2	70-130			
1,2-Dichloropropane	19.5	0.50	ug/L	20.0		97.3	52-142			
2,2-Dichloropropane	14.5	0.50	ug/L	20.0		72.6	36-168			
1,3-Dichloropropane	16.7	0.50	ug/L	20.0		83.4	80-121			
cis-1,3-Dichloropropylene	19.0	0.50	ug/L	20.0		95.2	66-130			
trans-1,3-Dichloropropylene	16.8	0.50	ug/L	20.0		83.8	78-130			
1,1-Dichloropropylene	18.5	0.50	ug/L	20.0		92.6	76-132			
Diisopropyl ether (DIPE)	17.9	2.0	ug/L	20.0		89.7	52-138			
Ethylbenzene	18.9	0.50	ug/L	20.0		94.7	86-128			
Ethyl-tert-Butyl Ether (ETBE)	23.8	2.0	ug/L	20.0		119	64-137			
Hexachlorobutadiene	22.9	1.0	ug/L	20.0		115	70-130			
2-Hexanone (MBK)	13.1	10	ug/L	20.0		65.7	52-141			
Isopropylbenzene	21.4	0.50	ug/L	20.0		107	70-130			
4-Isopropyltoluene	21.6	1.0	ug/L	20.0		108	83-149			
Methyl-tert-Butyl Ether (MTBE)	34.9	1.2	ug/L	40.0		87.2	56-150			
Methylene Chloride	17.0	5.0	ug/L	20.0		85.2	70-130			
4-Methyl-2-pentanone (MIBK)	16.9	10	ug/L	20.0		84.4	60-148			
Naphthalene	19.4	2.0	ug/L	20.0		97.0	70-130			
n-Propylbenzene	22.0	0.50	ug/L	20.0		110	70-130			
Styrene	15.8	0.50	ug/L	20.0		79.0	65-141			
1,1,1,2-Tetrachloroethane	18.8	0.50	ug/L	20.0		94.2	70-130			
1,1,2,2-Tetrachloroethane	17.3	0.50	ug/L	20.0		86.4	62-134			
Tetrachloroethylene (PCE)	17.3	0.50	ug/L	20.0		86.6	70-130			
Toluene	17.1	0.50	ug/L	20.0		85.5	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Matrix Spike (B1E1006-MS1) Continued Source: 1E05014-03 Prepared: 05/10/21 Analyzed: 05/11/21										
1,2,3-Trichlorobenzene	21.6	0.50	ug/L	20.0		108	73-144			
1,2,4-Trichlorobenzene	22.5	0.50	ug/L	20.0		112	80-137			
1,1,1-Trichloroethane	19.3	0.50	ug/L	20.0		96.4	62-164			
1,1,2-Trichloroethane	17.3	0.50	ug/L	20.0		86.4	76-122			
Trichloroethylene (TCE)	18.2	0.50	ug/L	20.0		90.8	72-136			
Trichlorofluoromethane (R11)	20.4	0.50	ug/L	20.0		102	59-144			
1,2,3-Trichloropropane	16.6	0.50	ug/L	20.0		83.2	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.4	0.50	ug/L	20.0		87.0	62-126			
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
1,2,4-Trimethylbenzene	21.1	0.50	ug/L	20.0		106	89-134			
Vinyl chloride	21.0	0.50	ug/L	20.0		105	54-150			
o-Xylene	18.9	0.50	ug/L	20.0		94.4	70-130			
m,p-Xylenes	37.4	1.0	ug/L	40.0		93.6	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	45.6		ug/L	50.0		91.2	80-129			
<i>Surrogate: Dibromofluoromethane</i>	44.8		ug/L	50.0		89.7	68-137			
<i>Surrogate: Toluene-d8</i>	40.2		ug/L	50.0		80.5	83-134			S-GC
Matrix Spike Dup (B1E1006-MSD1) Source: 1E05014-03 Prepared: 05/10/21 Analyzed: 05/11/21										
Acetone	18.8	10	ug/L	20.0		94.2	11-169	2.20	30	
tert-Amyl-Methyl Ether (TAME)	28.7	2.0	ug/L	20.0		144	66-133	3.69	30	
Benzene	19.5	0.50	ug/L	20.0		97.3	56-135	4.41	30	
Bromobenzene	23.1	0.50	ug/L	20.0		116	70-130	6.89	30	
Bromochloromethane	19.2	0.50	ug/L	20.0		96.2	74-125	8.23	30	
Bromodichloromethane	20.9	0.50	ug/L	20.0		104	68-144	5.46	30	
Bromoform	18.0	0.50	ug/L	20.0		90.0	68-151	4.26	30	
Bromomethane	20.3	0.50	ug/L	20.0		101	54-142	17.3	30	
2-Butanone (MEK)	19.3	10	ug/L	20.0		96.4	62-145	1.15	30	
tert-Butyl Alcohol (TBA)	77.1	10	ug/L	100		77.1	73-162	2.63	30	
sec-Butylbenzene	22.1	0.50	ug/L	20.0		111	84-145	2.42	30	
tert-Butylbenzene	22.9	0.50	ug/L	20.0		115	70-130	3.91	30	
n-Butylbenzene	22.2	0.50	ug/L	20.0		111	70-130	3.35	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Matrix Spike Dup (B1E1006-MSD1) Source: 1E05014-03 Prepared: 05/10/21 Analyzed: 05/11/21										
Continued										
Carbon Disulfide	15.1	0.50	ug/L	20.0		75.4	28-151	0.858	30	
Carbon Tetrachloride	19.6	0.50	ug/L	20.0		98.0	58-164	1.23	30	
Chlorobenzene	19.4	0.50	ug/L	20.0		97.0	70-130	2.77	30	
Chloroethane	22.0	0.50	ug/L	20.0		110	42-164	9.10	30	
Chloroform	19.6	0.50	ug/L	20.0		97.8	65-138	3.70	30	
Chloromethane	17.6	0.50	ug/L	20.0		87.9	50-152	3.12	30	
2-Chlorotoluene	22.0	0.50	ug/L	20.0		110	70-130	3.15	30	
4-Chlorotoluene	22.9	0.50	ug/L	20.0		114	70-130	3.83	30	
1,2-Dibromo-3-chloropropane	19.6	1.0	ug/L	20.0		98.2	53-161	3.63	30	
Dibromochloromethane	18.1	0.50	ug/L	20.0		90.3	70-130	3.78	30	
1,2-Dibromoethane (EDB)	17.3	0.50	ug/L	20.0		86.4	76-130	3.71	30	
Dibromomethane	19.2	0.50	ug/L	20.0		96.2	62-135	4.90	30	
1,3-Dichlorobenzene	22.6	0.50	ug/L	20.0		113	70-130	4.85	30	
1,2-Dichlorobenzene	22.9	0.50	ug/L	20.0		115	70-130	3.91	30	
1,4-Dichlorobenzene	22.2	0.50	ug/L	20.0		111	70-130	4.52	30	
Dichlorodifluoromethane (R12)	10.9	0.50	ug/L	20.0		54.3	17-153	9.65	30	
1,1-Dichloroethane	18.6	0.50	ug/L	20.0		93.1	55-131	1.08	30	
1,2-Dichloroethane (EDC)	18.5	0.50	ug/L	20.0		92.5	52-168	4.48	30	
1,1-Dichloroethylene	16.5	0.50	ug/L	20.0		82.4	51-140	0.182	30	
trans-1,2-Dichloroethylene	18.5	0.50	ug/L	20.0		92.5	59-127	4.53	30	
cis-1,2-Dichloroethylene	18.7	0.50	ug/L	20.0		93.7	70-130	5.99	30	
1,2-Dichloropropane	20.1	0.50	ug/L	20.0		100	52-142	3.04	30	
2,2-Dichloropropane	14.6	0.50	ug/L	20.0		73.2	36-168	0.824	30	
1,3-Dichloropropane	17.1	0.50	ug/L	20.0		85.6	80-121	2.66	30	
cis-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0		100	66-130	4.87	30	
trans-1,3-Dichloropropylene	17.2	0.50	ug/L	20.0		85.8	78-130	2.36	30	
1,1-Dichloropropylene	18.9	0.50	ug/L	20.0		94.4	76-132	1.87	30	
Diisopropyl ether (DIPE)	17.8	2.0	ug/L	20.0		89.2	52-138	0.559	30	
Ethylbenzene	19.1	0.50	ug/L	20.0		95.4	86-128	0.684	30	
Ethyl-tert-Butyl Ether (ETBE)	24.7	2.0	ug/L	20.0		123	64-137	3.76	30	
Hexachlorobutadiene	24.3	1.0	ug/L	20.0		121	70-130	5.77	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Matrix Spike Dup (B1E1006-MSD1) Source: 1E05014-03 Prepared: 05/10/21 Analyzed: 05/11/21										
Continued										
2-Hexanone (MBK)	13.3	10	ug/L	20.0		66.4	52-141	1.06	30	
Isopropylbenzene	22.3	0.50	ug/L	20.0		112	70-130	4.21	30	
4-Isopropyltoluene	22.3	1.0	ug/L	20.0		111	83-149	3.19	30	
Methyl-tert-Butyl Ether (MTBE)	36.9	1.2	ug/L	40.0		92.2	56-150	5.60	30	
Methylene Chloride	18.2	5.0	ug/L	20.0		91.0	70-130	6.52	30	
4-Methyl-2-pentanone (MIBK)	19.6	10	ug/L	20.0		97.8	60-148	14.8	30	
Naphthalene	20.6	2.0	ug/L	20.0		103	70-130	5.95	30	
n-Propylbenzene	22.6	0.50	ug/L	20.0		113	70-130	2.91	30	
Styrene	18.6	0.50	ug/L	20.0		93.0	65-141	16.3	30	
1,1,1,2-Tetrachloroethane	19.9	0.50	ug/L	20.0		99.4	70-130	5.48	30	
1,1,2,2-Tetrachloroethane	17.9	0.50	ug/L	20.0		89.4	62-134	3.30	30	
Tetrachloroethylene (PCE)	17.7	0.50	ug/L	20.0		88.4	70-130	2.00	30	
Toluene	17.6	0.50	ug/L	20.0		88.0	81-123	2.83	30	
1,2,3-Trichlorobenzene	22.0	0.50	ug/L	20.0		110	73-144	1.97	30	
1,2,4-Trichlorobenzene	23.2	0.50	ug/L	20.0		116	80-137	3.32	30	
1,1,1-Trichloroethane	19.5	0.50	ug/L	20.0		97.7	62-164	1.34	30	
1,1,2-Trichloroethane	17.6	0.50	ug/L	20.0		87.8	76-122	1.55	30	
Trichloroethylene (TCE)	18.7	0.50	ug/L	20.0		93.4	72-136	2.82	30	
Trichlorofluoromethane (R11)	22.5	0.50	ug/L	20.0		112	59-144	9.46	30	
1,2,3-Trichloropropane	17.1	0.50	ug/L	20.0		85.4	69-135	2.55	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.5	0.50	ug/L	20.0		87.6	62-126	0.573	30	
1,3,5-Trimethylbenzene	21.8	0.50	ug/L	20.0		109	70-130	4.16	30	
1,2,4-Trimethylbenzene	22.0	0.50	ug/L	20.0		110	89-134	4.13	30	
Vinyl chloride	22.2	0.50	ug/L	20.0		111	54-150	5.37	30	
o-Xylene	19.2	0.50	ug/L	20.0		96.0	70-130	1.63	30	
m,p-Xylenes	37.5	1.0	ug/L	40.0		93.7	70-130	0.0801	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	46.6		ug/L	50.0		93.1	80-129			
<i>Surrogate: Dibromofluoromethane</i>	45.6		ug/L	50.0		91.1	68-137			
<i>Surrogate: Toluene-d8</i>	39.8		ug/L	50.0		79.6	83-134			S-GC

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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Blank (B1E1006-BLK1)										
Prepared & Analyzed: 05/10/21										
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Blank (B1E1006-BLK1) Continued										
Prepared & Analyzed: 05/10/21										
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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Blank (B1E1006-BLK1) Continued										
Prepared & Analyzed: 05/10/21										
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>47.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.1</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>44.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>89.6</i>	<i>83-134</i>			
LCS (B1E1006-BS1)										
Prepared & Analyzed: 05/10/21										
Acetone	20.3	10	ug/L	20.0		101	27-123			
tert-Amyl-Methyl Ether (TAME)	30.1	2.0	ug/L	20.0		150	58-133			QL-06
Benzene	18.2	0.50	ug/L	20.0		91.2	60-134			
Bromobenzene	21.7	0.50	ug/L	20.0		108	70-130			
Bromochloromethane	18.2	0.50	ug/L	20.0		91.2	78-121			
Bromodichloromethane	20.1	0.50	ug/L	20.0		100	74-135			
Bromoform	19.8	0.50	ug/L	20.0		99.2	68-132			
Bromomethane	18.1	0.50	ug/L	20.0		90.3	58-142			
2-Butanone (MEK)	17.7	10	ug/L	20.0		88.5	62-138			
tert-Butyl Alcohol (TBA)	95.5	10	ug/L	100		95.5	65-148			
sec-Butylbenzene	21.3	0.50	ug/L	20.0		107	84-142			
tert-Butylbenzene	21.7	0.50	ug/L	20.0		109	70-130			
n-Butylbenzene	22.4	0.50	ug/L	20.0		112	70-130			
Carbon Disulfide	15.3	0.50	ug/L	20.0		76.4	17-177			
Carbon Tetrachloride	19.2	0.50	ug/L	20.0		96.1	66-155			
Chlorobenzene	18.9	0.50	ug/L	20.0		94.4	70-130			
Chloroethane	20.4	0.50	ug/L	20.0		102	45-166			
Chloroform	18.4	0.50	ug/L	20.0		91.9	71-131			
Chloromethane	17.2	0.50	ug/L	20.0		85.8	48-152			
2-Chlorotoluene	20.7	0.50	ug/L	20.0		104	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
LCS (B1E1006-BS1) Continued										
Prepared & Analyzed: 05/10/21										
4-Chlorotoluene	21.9	0.50	ug/L	20.0		109	70-130			
1,2-Dibromo-3-chloropropane	22.0	1.0	ug/L	20.0		110	53-145			
Dibromochloromethane	18.9	0.50	ug/L	20.0		94.3	72-133			
1,2-Dibromoethane (EDB)	18.5	0.50	ug/L	20.0		92.4	79-120			
Dibromomethane	19.9	0.50	ug/L	20.0		99.3	68-124			
1,3-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130			
1,2-Dichlorobenzene	22.4	0.50	ug/L	20.0		112	70-130			
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
Dichlorodifluoromethane (R12)	12.9	0.50	ug/L	20.0		64.4	16-148			
1,1-Dichloroethane	17.7	0.50	ug/L	20.0		88.7	67-120			
1,2-Dichloroethane (EDC)	18.6	0.50	ug/L	20.0		92.9	57-156			
1,1-Dichloroethylene	15.9	0.50	ug/L	20.0		79.6	50-149			
trans-1,2-Dichloroethylene	17.3	0.50	ug/L	20.0		86.4	66-126			
cis-1,2-Dichloroethylene	17.4	0.50	ug/L	20.0		87.0	70-124			
1,2-Dichloropropane	19.2	0.50	ug/L	20.0		95.8	53-139			
2,2-Dichloropropane	17.6	0.50	ug/L	20.0		87.8	44-162			
1,3-Dichloropropane	17.9	0.50	ug/L	20.0		89.6	79-113			
cis-1,3-Dichloropropylene	20.5	0.50	ug/L	20.0		103	67-127			
trans-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0		94.6	76-121			
1,1-Dichloropropylene	18.5	0.50	ug/L	20.0		92.6	84-124			
Diisopropyl ether (DIPE)	17.7	2.0	ug/L	20.0		88.4	51-136			
Ethylbenzene	18.8	0.50	ug/L	20.0		94.2	86-124			
Ethyl-tert-Butyl Ether (ETBE)	25.3	2.0	ug/L	20.0		126	62-136			
Hexachlorobutadiene	23.5	1.0	ug/L	20.0		118	76-140			
2-Hexanone (MBK)	17.0	10	ug/L	20.0		85.2	52-123			
Isopropylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
4-Isopropyltoluene	21.8	1.0	ug/L	20.0		109	70-130			
Methyl-tert-Butyl Ether (MTBE)	39.0	1.2	ug/L	40.0		97.6	58-144			
Methylene Chloride	17.2	5.0	ug/L	20.0		85.8	50-135			
4-Methyl-2-pentanone (MIBK)	21.7	10	ug/L	20.0		109	49-139			
Naphthalene	22.7	2.0	ug/L	20.0		114	74-128			
n-Propylbenzene	21.6	0.50	ug/L	20.0		108	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
LCS (B1E1006-BS1) Continued						Prepared & Analyzed: 05/10/21				
Styrene	18.3	0.50	ug/L	20.0		91.4	84-123			
1,1,1,2-Tetrachloroethane	19.3	0.50	ug/L	20.0		96.3	70-130			
1,1,2,2-Tetrachloroethane	19.9	0.50	ug/L	20.0		99.4	58-126			
Tetrachloroethylene (PCE)	18.0	0.50	ug/L	20.0		89.8	70-130			
Toluene	17.2	0.50	ug/L	20.0		85.8	83-118			
1,2,3-Trichlorobenzene	24.3	0.50	ug/L	20.0		122	77-134			
1,2,4-Trichlorobenzene	24.8	0.50	ug/L	20.0		124	84-128			
1,1,1-Trichloroethane	19.0	0.50	ug/L	20.0		94.8	66-158			
1,1,2-Trichloroethane	18.5	0.50	ug/L	20.0		92.7	75-115			
Trichloroethylene (TCE)	18.2	0.50	ug/L	20.0		90.8	82-128			
Trichlorofluoromethane (R11)	21.7	0.50	ug/L	20.0		109	65-137			
1,2,3-Trichloropropane	19.8	0.50	ug/L	20.0		99.0	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.4	0.50	ug/L	20.0		87.2	62-130			
1,3,5-Trimethylbenzene	20.7	0.50	ug/L	20.0		103	70-130			
1,2,4-Trimethylbenzene	21.1	0.50	ug/L	20.0		106	70-130			
Vinyl chloride	20.3	0.50	ug/L	20.0		102	51-151			
o-Xylene	18.8	0.50	ug/L	20.0		94.0	70-130			
m,p-Xylenes	37.5	1.0	ug/L	40.0		93.7	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	44.8		ug/L	50.0		89.5	80-129			
<i>Surrogate: Dibromofluoromethane</i>	42.9		ug/L	50.0		85.9	68-137			
<i>Surrogate: Toluene-d8</i>	39.0		ug/L	50.0		77.9	83-134			S-GC
LCS Dup (B1E1006-BSD1)						Prepared & Analyzed: 05/10/21				
Acetone	20.6	10	ug/L	20.0		103	27-123	1.61	30	
tert-Amyl-Methyl Ether (TAME)	34.5	2.0	ug/L	20.0		172	58-133	13.7	30	QL-06
Benzene	19.9	0.50	ug/L	20.0		99.7	60-134	8.91	30	
Bromobenzene	24.2	0.50	ug/L	20.0		121	70-130	11.2	30	
Bromochloromethane	21.0	0.50	ug/L	20.0		105	78-121	14.1	30	
Bromodichloromethane	22.4	0.50	ug/L	20.0		112	74-135	10.8	30	
Bromoform	25.6	0.50	ug/L	20.0		128	68-132	25.3	30	
Bromomethane	18.1	0.50	ug/L	20.0		90.3	58-142	0.00	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
LCS Dup (B1E1006-BSD1) Continued										
Prepared & Analyzed: 05/10/21										
2-Butanone (MEK)	19.7	10	ug/L	20.0		98.7	62-138	10.9	30	
tert-Butyl Alcohol (TBA)	110	10	ug/L	100		110	65-148	14.0	30	
sec-Butylbenzene	22.8	0.50	ug/L	20.0		114	84-142	6.54	30	
tert-Butylbenzene	23.3	0.50	ug/L	20.0		117	70-130	7.06	30	
n-Butylbenzene	23.5	0.50	ug/L	20.0		117	70-130	4.44	30	
Carbon Disulfide	15.7	0.50	ug/L	20.0		78.4	17-177	2.65	30	
Carbon Tetrachloride	20.9	0.50	ug/L	20.0		104	66-155	8.37	30	
Chlorobenzene	23.4	0.50	ug/L	20.0		117	70-130	21.4	30	
Chloroethane	20.2	0.50	ug/L	20.0		101	45-166	1.23	30	
Chloroform	20.3	0.50	ug/L	20.0		102	71-131	9.93	30	
Chloromethane	17.5	0.50	ug/L	20.0		87.5	48-152	1.90	30	
2-Chlorotoluene	22.6	0.50	ug/L	20.0		113	70-130	8.50	30	
4-Chlorotoluene	23.8	0.50	ug/L	20.0		119	70-130	8.54	30	
1,2-Dibromo-3-chloropropane	25.3	1.0	ug/L	20.0		127	53-145	14.2	30	
Dibromochloromethane	24.2	0.50	ug/L	20.0		121	72-133	24.9	30	
1,2-Dibromoethane (EDB)	23.8	0.50	ug/L	20.0		119	79-120	25.1	30	
Dibromomethane	22.4	0.50	ug/L	20.0		112	68-124	12.2	30	
1,3-Dichlorobenzene	24.0	0.50	ug/L	20.0		120	70-130	9.22	30	
1,2-Dichlorobenzene	25.0	0.50	ug/L	20.0		125	70-130	10.8	30	
1,4-Dichlorobenzene	24.1	0.50	ug/L	20.0		120	70-130	11.9	30	
Dichlorodifluoromethane (R12)	12.2	0.50	ug/L	20.0		61.0	16-148	5.34	30	
1,1-Dichloroethane	18.7	0.50	ug/L	20.0		93.6	67-120	5.38	30	
1,2-Dichloroethane (EDC)	20.4	0.50	ug/L	20.0		102	57-156	9.48	30	
1,1-Dichloroethylene	17.4	0.50	ug/L	20.0		86.8	50-149	8.66	30	
trans-1,2-Dichloroethylene	19.3	0.50	ug/L	20.0		96.4	66-126	11.1	30	
cis-1,2-Dichloroethylene	19.3	0.50	ug/L	20.0		96.4	70-124	10.2	30	
1,2-Dichloropropane	21.2	0.50	ug/L	20.0		106	53-139	10.1	30	
2,2-Dichloropropane	17.4	0.50	ug/L	20.0		87.2	44-162	0.571	30	
1,3-Dichloropropane	23.0	0.50	ug/L	20.0		115	79-113	24.7	30	QL-03
cis-1,3-Dichloropropylene	22.8	0.50	ug/L	20.0		114	67-127	10.6	30	
trans-1,3-Dichloropropylene	23.3	0.50	ug/L	20.0		116	76-121	20.6	30	
1,1-Dichloropropylene	19.8	0.50	ug/L	20.0		99.2	84-124	6.83	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
LCS Dup (B1E1006-BSD1) Continued										
Prepared & Analyzed: 05/10/21										
Diisopropyl ether (DIPE)	19.1	2.0	ug/L	20.0		95.4	51-136	7.67	30	
Ethylbenzene	22.5	0.50	ug/L	20.0		113	86-124	17.8	30	
Ethyl-tert-Butyl Ether (ETBE)	27.7	2.0	ug/L	20.0		139	62-136	9.32	30	QL-03
Hexachlorobutadiene	26.2	1.0	ug/L	20.0		131	76-140	10.8	30	
2-Hexanone (MBK)	21.0	10	ug/L	20.0		105	52-123	21.1	30	
Isopropylbenzene	22.6	0.50	ug/L	20.0		113	70-130	7.67	30	
4-Isopropyltoluene	23.2	1.0	ug/L	20.0		116	70-130	6.35	30	
Methyl-tert-Butyl Ether (MTBE)	44.2	1.2	ug/L	40.0		111	58-144	12.5	30	
Methylene Chloride	19.6	5.0	ug/L	20.0		98.2	50-135	13.4	30	
4-Methyl-2-pentanone (MIBK)	25.7	10	ug/L	20.0		129	49-139	16.9	30	
Naphthalene	26.8	2.0	ug/L	20.0		134	74-128	16.3	30	QL-03
n-Propylbenzene	23.1	0.50	ug/L	20.0		116	70-130	6.90	30	
Styrene	24.1	0.50	ug/L	20.0		121	84-123	27.5	30	
1,1,1,2-Tetrachloroethane	24.3	0.50	ug/L	20.0		122	70-130	23.2	30	
1,1,2,2-Tetrachloroethane	23.5	0.50	ug/L	20.0		117	58-126	16.6	30	
Tetrachloroethylene (PCE)	22.2	0.50	ug/L	20.0		111	70-130	21.1	30	
Toluene	21.2	0.50	ug/L	20.0		106	83-118	21.1	30	
1,2,3-Trichlorobenzene	27.6	0.50	ug/L	20.0		138	77-134	12.8	30	QL-03
1,2,4-Trichlorobenzene	27.6	0.50	ug/L	20.0		138	84-128	10.5	30	QL-03
1,1,1-Trichloroethane	20.6	0.50	ug/L	20.0		103	66-158	8.48	30	
1,1,2-Trichloroethane	23.6	0.50	ug/L	20.0		118	75-115	24.2	30	QL-03
Trichloroethylene (TCE)	21.5	0.50	ug/L	20.0		108	82-128	16.8	30	
Trichlorofluoromethane (R11)	22.1	0.50	ug/L	20.0		111	65-137	1.82	30	
1,2,3-Trichloropropane	24.5	0.50	ug/L	20.0		123	68-123	21.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.9	0.50	ug/L	20.0		94.3	62-130	7.88	30	
1,3,5-Trimethylbenzene	22.3	0.50	ug/L	20.0		112	70-130	7.68	30	
1,2,4-Trimethylbenzene	23.0	0.50	ug/L	20.0		115	70-130	8.48	30	
Vinyl chloride	20.2	0.50	ug/L	20.0		101	51-151	0.395	30	
o-Xylene	22.3	0.50	ug/L	20.0		111	70-130	17.0	30	
m,p-Xylenes	44.7	1.0	ug/L	40.0		112	70-130	17.6	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B

LCS Dup (B1E1006-BSD1) Continued

Prepared & Analyzed: 05/10/21

Surrogate: 4-Bromofluorobenzene	44.9		ug/L	50.0		89.8	80-129			
Surrogate: Dibromofluoromethane	43.4		ug/L	50.0		86.9	68-137			
Surrogate: Toluene-d8	43.2		ug/L	50.0		86.5	83-134			

Matrix Spike (B1E1006-MS1)

Source: 1E05014-03 Prepared: 05/10/21 Analyzed: 05/11/21

Acetone	19.3	10	ug/L	20.0	<10	96.4	11-169			
tert-Amyl-Methyl Ether (TAME)	29.8	2.0	ug/L	20.0	<2.0	149	66-133			
Benzene	18.6	0.50	ug/L	20.0	<0.50	93.1	56-135			
Bromobenzene	21.6	0.50	ug/L	20.0	<0.50	108	70-130			
Bromochloromethane	17.7	0.50	ug/L	20.0	<0.50	88.6	74-125			
Bromodichloromethane	19.8	0.50	ug/L	20.0	<0.50	98.8	68-144			
Bromoform	17.2	0.50	ug/L	20.0	<0.50	86.2	68-151			
Bromomethane	17.0	0.50	ug/L	20.0	<0.50	85.2	54-142			
2-Butanone (MEK)	19.1	10	ug/L	20.0	<10	95.4	62-145			
tert-Butyl Alcohol (TBA)	75.1	10	ug/L	100	<10	75.1	73-162			
sec-Butylbenzene	21.6	0.50	ug/L	20.0	<0.50	108	84-145			
tert-Butylbenzene	22.0	0.50	ug/L	20.0	<0.50	110	70-130			
n-Butylbenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130			
Carbon Disulfide	15.2	0.50	ug/L	20.0	<0.50	76.0	28-151			
Carbon Tetrachloride	19.4	0.50	ug/L	20.0	<0.50	96.8	58-164			
Chlorobenzene	18.9	0.50	ug/L	20.0	<0.50	94.4	70-130			
Chloroethane	20.0	0.50	ug/L	20.0	<0.50	100	42-164			
Chloroform	18.8	0.50	ug/L	20.0	<0.50	94.2	65-138			
Chloromethane	17.0	0.50	ug/L	20.0	<0.50	85.2	50-152			
2-Chlorotoluene	21.3	0.50	ug/L	20.0	<0.50	106	70-130			
4-Chlorotoluene	22.0	0.50	ug/L	20.0	<0.50	110	70-130			
1,2-Dibromo-3-chloropropane	18.9	1.0	ug/L	20.0	<1.0	94.6	53-161			
Dibromochloromethane	17.4	0.50	ug/L	20.0	<0.50	87.0	70-130			
1,2-Dibromoethane (EDB)	16.7	0.50	ug/L	20.0	<0.50	83.3	76-130			
Dibromomethane	18.3	0.50	ug/L	20.0	<0.50	91.6	62-135			
1,3-Dichlorobenzene	21.5	0.50	ug/L	20.0	<0.50	108	70-130			
1,2-Dichlorobenzene	22.0	0.50	ug/L	20.0	<0.50	110	70-130			
1,4-Dichlorobenzene	21.2	0.50	ug/L	20.0	<0.50	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Matrix Spike (B1E1006-MS1) Continued Source: 1E05014-03 Prepared: 05/10/21 Analyzed: 05/11/21										
Dichlorodifluoromethane (R12)	9.86	0.50	ug/L	20.0	<0.50	49.3	17-153			
1,1-Dichloroethane	18.4	0.50	ug/L	20.0	<0.50	92.1	55-131			
1,2-Dichloroethane (EDC)	17.7	0.50	ug/L	20.0	<0.50	88.4	52-168			
1,1-Dichloroethylene	16.5	0.50	ug/L	20.0	<0.50	82.3	51-140			
trans-1,2-Dichloroethylene	17.7	0.50	ug/L	20.0	<0.50	88.4	59-127			
cis-1,2-Dichloroethylene	17.6	0.50	ug/L	20.0	<0.50	88.2	70-130			
1,2-Dichloropropane	19.5	0.50	ug/L	20.0	<0.50	97.3	52-142			
2,2-Dichloropropane	14.5	0.50	ug/L	20.0	<0.50	72.6	36-168			
1,3-Dichloropropane	16.7	0.50	ug/L	20.0	<0.50	83.4	80-121			
cis-1,3-Dichloropropylene	19.0	0.50	ug/L	20.0	<0.50	95.2	66-130			
trans-1,3-Dichloropropylene	16.8	0.50	ug/L	20.0	<0.50	83.8	78-130			
1,1-Dichloropropylene	18.5	0.50	ug/L	20.0	<0.50	92.6	76-132			
Diisopropyl ether (DIPE)	17.9	2.0	ug/L	20.0	<2.0	89.7	52-138			
Ethylbenzene	18.9	0.50	ug/L	20.0	<0.50	94.7	86-128			
Ethyl-tert-Butyl Ether (ETBE)	23.8	2.0	ug/L	20.0	<2.0	119	64-137			
Hexachlorobutadiene	22.9	1.0	ug/L	20.0	<1.0	115	70-130			
2-Hexanone (MBK)	13.1	10	ug/L	20.0	<10	65.7	52-141			
Isopropylbenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130			
4-Isopropyltoluene	21.6	1.0	ug/L	20.0	<1.0	108	83-149			
Methyl-tert-Butyl Ether (MTBE)	34.9	1.2	ug/L	40.0	<1.2	87.2	56-150			
Methylene Chloride	17.0	5.0	ug/L	20.0	<5.0	85.2	70-130			
4-Methyl-2-pentanone (MIBK)	16.9	10	ug/L	20.0	<10	84.4	60-148			
Naphthalene	19.4	2.0	ug/L	20.0	<2.0	97.0	70-130			
n-Propylbenzene	22.0	0.50	ug/L	20.0	<0.50	110	70-130			
Styrene	15.8	0.50	ug/L	20.0	<0.50	79.0	65-141			
1,1,1,2-Tetrachloroethane	18.8	0.50	ug/L	20.0	<0.50	94.2	70-130			
1,1,2,2-Tetrachloroethane	17.3	0.50	ug/L	20.0	<0.50	86.4	62-134			
Tetrachloroethylene (PCE)	17.3	0.50	ug/L	20.0	<0.50	86.6	70-130			
Toluene	17.1	0.50	ug/L	20.0	<0.50	85.5	81-123			
1,2,3-Trichlorobenzene	21.6	0.50	ug/L	20.0	<0.50	108	73-144			
1,2,4-Trichlorobenzene	22.5	0.50	ug/L	20.0	<0.50	112	80-137			
1,1,1-Trichloroethane	19.3	0.50	ug/L	20.0	<0.50	96.4	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Matrix Spike (B1E1006-MS1) Continued Source: 1E05014-03 Prepared: 05/10/21 Analyzed: 05/11/21										
1,1,2-Trichloroethane	17.3	0.50	ug/L	20.0	<0.50	86.4	76-122			
Trichloroethylene (TCE)	18.2	0.50	ug/L	20.0	<0.50	90.8	72-136			
Trichlorofluoromethane (R11)	20.4	0.50	ug/L	20.0	<0.50	102	59-144			
1,2,3-Trichloropropane	16.6	0.50	ug/L	20.0	<0.50	83.2	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.4	0.50	ug/L	20.0	<0.50	87.0	62-126			
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0	<0.50	105	70-130			
1,2,4-Trimethylbenzene	21.1	0.50	ug/L	20.0	<0.50	106	89-134			
Vinyl chloride	21.0	0.50	ug/L	20.0	<0.50	105	54-150			
o-Xylene	18.9	0.50	ug/L	20.0	<0.50	94.4	70-130			
m,p-Xylenes	37.4	1.0	ug/L	40.0	<1.0	93.6	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	45.6		ug/L	50.0		91.2	80-129			
<i>Surrogate: Dibromofluoromethane</i>	44.8		ug/L	50.0		89.7	68-137			
<i>Surrogate: Toluene-d8</i>	40.2		ug/L	50.0		80.5	83-134			S-GC
Matrix Spike Dup (B1E1006-MSD1) Source: 1E05014-03 Prepared: 05/10/21 Analyzed: 05/11/21										
Acetone	18.8	10	ug/L	20.0	<10	94.2	11-169	2.20	30	
tert-Amyl-Methyl Ether (TAME)	28.7	2.0	ug/L	20.0	<2.0	144	66-133	3.69	30	
Benzene	19.5	0.50	ug/L	20.0	<0.50	97.3	56-135	4.41	30	
Bromobenzene	23.1	0.50	ug/L	20.0	<0.50	116	70-130	6.89	30	
Bromochloromethane	19.2	0.50	ug/L	20.0	<0.50	96.2	74-125	8.23	30	
Bromodichloromethane	20.9	0.50	ug/L	20.0	<0.50	104	68-144	5.46	30	
Bromoform	18.0	0.50	ug/L	20.0	<0.50	90.0	68-151	4.26	30	
Bromomethane	20.3	0.50	ug/L	20.0	<0.50	101	54-142	17.3	30	
2-Butanone (MEK)	19.3	10	ug/L	20.0	<10	96.4	62-145	1.15	30	
tert-Butyl Alcohol (TBA)	77.1	10	ug/L	100	<10	77.1	73-162	2.63	30	
sec-Butylbenzene	22.1	0.50	ug/L	20.0	<0.50	111	84-145	2.42	30	
tert-Butylbenzene	22.9	0.50	ug/L	20.0	<0.50	115	70-130	3.91	30	
n-Butylbenzene	22.2	0.50	ug/L	20.0	<0.50	111	70-130	3.35	30	
Carbon Disulfide	15.1	0.50	ug/L	20.0	<0.50	75.4	28-151	0.858	30	
Carbon Tetrachloride	19.6	0.50	ug/L	20.0	<0.50	98.0	58-164	1.23	30	
Chlorobenzene	19.4	0.50	ug/L	20.0	<0.50	97.0	70-130	2.77	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B</i>										
Matrix Spike Dup (B1E1006-MSD1) Source: 1E05014-03 Prepared: 05/10/21 Analyzed: 05/11/21										
Continued										
Chloroethane	22.0	0.50	ug/L	20.0	<0.50	110	42-164	9.10	30	
Chloroform	19.6	0.50	ug/L	20.0	<0.50	97.8	65-138	3.70	30	
Chloromethane	17.6	0.50	ug/L	20.0	<0.50	87.9	50-152	3.12	30	
2-Chlorotoluene	22.0	0.50	ug/L	20.0	<0.50	110	70-130	3.15	30	
4-Chlorotoluene	22.9	0.50	ug/L	20.0	<0.50	114	70-130	3.83	30	
1,2-Dibromo-3-chloropropane	19.6	1.0	ug/L	20.0	<1.0	98.2	53-161	3.63	30	
Dibromochloromethane	18.1	0.50	ug/L	20.0	<0.50	90.3	70-130	3.78	30	
1,2-Dibromoethane (EDB)	17.3	0.50	ug/L	20.0	<0.50	86.4	76-130	3.71	30	
Dibromomethane	19.2	0.50	ug/L	20.0	<0.50	96.2	62-135	4.90	30	
1,3-Dichlorobenzene	22.6	0.50	ug/L	20.0	<0.50	113	70-130	4.85	30	
1,2-Dichlorobenzene	22.9	0.50	ug/L	20.0	<0.50	115	70-130	3.91	30	
1,4-Dichlorobenzene	22.2	0.50	ug/L	20.0	<0.50	111	70-130	4.52	30	
Dichlorodifluoromethane (R12)	10.9	0.50	ug/L	20.0	<0.50	54.3	17-153	9.65	30	
1,1-Dichloroethane	18.6	0.50	ug/L	20.0	<0.50	93.1	55-131	1.08	30	
1,2-Dichloroethane (EDC)	18.5	0.50	ug/L	20.0	<0.50	92.5	52-168	4.48	30	
1,1-Dichloroethylene	16.5	0.50	ug/L	20.0	<0.50	82.4	51-140	0.182	30	
trans-1,2-Dichloroethylene	18.5	0.50	ug/L	20.0	<0.50	92.5	59-127	4.53	30	
cis-1,2-Dichloroethylene	18.7	0.50	ug/L	20.0	<0.50	93.7	70-130	5.99	30	
1,2-Dichloropropane	20.1	0.50	ug/L	20.0	<0.50	100	52-142	3.04	30	
2,2-Dichloropropane	14.6	0.50	ug/L	20.0	<0.50	73.2	36-168	0.824	30	
1,3-Dichloropropane	17.1	0.50	ug/L	20.0	<0.50	85.6	80-121	2.66	30	
cis-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0	<0.50	100	66-130	4.87	30	
trans-1,3-Dichloropropylene	17.2	0.50	ug/L	20.0	<0.50	85.8	78-130	2.36	30	
1,1-Dichloropropylene	18.9	0.50	ug/L	20.0	<0.50	94.4	76-132	1.87	30	
Diisopropyl ether (DIPE)	17.8	2.0	ug/L	20.0	<2.0	89.2	52-138	0.559	30	
Ethylbenzene	19.1	0.50	ug/L	20.0	<0.50	95.4	86-128	0.684	30	
Ethyl-tert-Butyl Ether (ETBE)	24.7	2.0	ug/L	20.0	<2.0	123	64-137	3.76	30	
Hexachlorobutadiene	24.3	1.0	ug/L	20.0	<1.0	121	70-130	5.77	30	
2-Hexanone (MBK)	13.3	10	ug/L	20.0	<10	66.4	52-141	1.06	30	
Isopropylbenzene	22.3	0.50	ug/L	20.0	<0.50	112	70-130	4.21	30	
4-Isopropyltoluene	22.3	1.0	ug/L	20.0	<1.0	111	83-149	3.19	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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1006 - EPA 5030B

Matrix Spike Dup (B1E1006-MSD1) **Source: 1E05014-03** Prepared: 05/10/21 Analyzed: 05/11/21

Continued

Methyl-tert-Butyl Ether (MTBE)	36.9	1.2	ug/L	40.0	<1.2	92.2	56-150	5.60	30	
Methylene Chloride	18.2	5.0	ug/L	20.0	<5.0	91.0	70-130	6.52	30	
4-Methyl-2-pentanone (MIBK)	19.6	10	ug/L	20.0	<10	97.8	60-148	14.8	30	
Naphthalene	20.6	2.0	ug/L	20.0	<2.0	103	70-130	5.95	30	
n-Propylbenzene	22.6	0.50	ug/L	20.0	<0.50	113	70-130	2.91	30	
Styrene	18.6	0.50	ug/L	20.0	<0.50	93.0	65-141	16.3	30	
1,1,1,2-Tetrachloroethane	19.9	0.50	ug/L	20.0	<0.50	99.4	70-130	5.48	30	
1,1,2,2-Tetrachloroethane	17.9	0.50	ug/L	20.0	<0.50	89.4	62-134	3.30	30	
Tetrachloroethylene (PCE)	17.7	0.50	ug/L	20.0	<0.50	88.4	70-130	2.00	30	
Toluene	17.6	0.50	ug/L	20.0	<0.50	88.0	81-123	2.83	30	
1,2,3-Trichlorobenzene	22.0	0.50	ug/L	20.0	<0.50	110	73-144	1.97	30	
1,2,4-Trichlorobenzene	23.2	0.50	ug/L	20.0	<0.50	116	80-137	3.32	30	
1,1,1-Trichloroethane	19.5	0.50	ug/L	20.0	<0.50	97.7	62-164	1.34	30	
1,1,2-Trichloroethane	17.6	0.50	ug/L	20.0	<0.50	87.8	76-122	1.55	30	
Trichloroethylene (TCE)	18.7	0.50	ug/L	20.0	<0.50	93.4	72-136	2.82	30	
Trichlorofluoromethane (R11)	22.5	0.50	ug/L	20.0	<0.50	112	59-144	9.46	30	
1,2,3-Trichloropropane	17.1	0.50	ug/L	20.0	<0.50	85.4	69-135	2.55	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.5	0.50	ug/L	20.0	<0.50	87.6	62-126	0.573	30	
1,3,5-Trimethylbenzene	21.8	0.50	ug/L	20.0	<0.50	109	70-130	4.16	30	
1,2,4-Trimethylbenzene	22.0	0.50	ug/L	20.0	<0.50	110	89-134	4.13	30	
Vinyl chloride	22.2	0.50	ug/L	20.0	<0.50	111	54-150	5.37	30	
o-Xylene	19.2	0.50	ug/L	20.0	<0.50	96.0	70-130	1.63	30	
m,p-Xylenes	37.5	1.0	ug/L	40.0	<1.0	93.7	70-130	0.0801	30	
Surrogate: 4-Bromofluorobenzene	46.6		ug/L	50.0		93.1	80-129			
Surrogate: Dibromofluoromethane	45.6		ug/L	50.0		91.1	68-137			
Surrogate: Toluene-d8	39.8		ug/L	50.0		79.6	83-134			S-GC

Diesel Range Organics by GC/FID - Quality Control

Batch B1E1210 - EPA 3510C

Blank (B1E1210-BLK1)

Prepared: 05/11/21 Analyzed: 05/14/21

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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1210 - EPA 3510C</i>										
Blank (B1E1210-BLK1) Continued Prepared: 05/11/21 Analyzed: 05/14/21										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0479</i>		<i>mg/L</i>	<i>0.0400</i>		<i>120</i>	<i>50-150</i>			
LCS (B1E1210-BS1) Prepared: 05/11/21 Analyzed: 05/14/21										
Diesel Range Organics as Diesel	0.639	0.10	mg/L	0.800		79.9	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0509</i>		<i>mg/L</i>	<i>0.0400</i>		<i>127</i>	<i>50-150</i>			
LCS Dup (B1E1210-BSD1) Prepared: 05/11/21 Analyzed: 05/14/21										
Diesel Range Organics as Diesel	0.453	0.10	mg/L	0.800		56.6	36-132	34.1	30	QR-02
<i>Surrogate: o-Terphenyl</i>	<i>0.0394</i>		<i>mg/L</i>	<i>0.0400</i>		<i>98.6</i>	<i>50-150</i>			
<i>Batch B1E1215 - EPA 3510C</i>										
Blank (B1E1215-BLK1) Prepared: 05/12/21 Analyzed: 05/13/21										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0523</i>		<i>mg/L</i>	<i>0.0400</i>		<i>131</i>	<i>50-150</i>			
LCS (B1E1215-BS1) Prepared: 05/12/21 Analyzed: 05/13/21										
Diesel Range Organics as Diesel	0.589	0.10	mg/L	0.800		73.6	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0493</i>		<i>mg/L</i>	<i>0.0400</i>		<i>123</i>	<i>50-150</i>			
LCS Dup (B1E1215-BSD1) Prepared: 05/12/21 Analyzed: 05/13/21										
Diesel Range Organics as Diesel	0.409	0.10	mg/L	0.800		51.2	36-132	35.9	30	QR-02
<i>Surrogate: o-Terphenyl</i>	<i>0.0357</i>		<i>mg/L</i>	<i>0.0400</i>		<i>89.1</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B1E1007 - *** DEFAULT PREP ***</i>										
Blank (B1E1007-BLK1) Prepared & Analyzed: 05/10/21										
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>47.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.3</i>	<i>80-120</i>			
LCS (B1E1007-BS1) Prepared & Analyzed: 05/10/21										
Gasoline Range Organics (GRO)	474	100	ug/L	500		94.9	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>54.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>108</i>	<i>80-120</i>			
LCS Dup (B1E1007-BSD1) Prepared & Analyzed: 05/10/21										

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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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 B1E1007 - *** DEFAULT PREP ***</i>										
LCS Dup (B1E1007-BSD1) Continued					Prepared & Analyzed: 05/10/21					
Gasoline Range Organics (GRO)	490	100	ug/L	500		98.1	75-125	3.31	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>55.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>112</i>	<i>80-120</i>			
Matrix Spike (B1E1007-MS1)					Source: 1E05014-15 Prepared & Analyzed: 05/10/21					
Gasoline Range Organics (GRO)	457	100	ug/L	500	<100	91.4	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>52.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>104</i>	<i>80-120</i>			
Matrix Spike Dup (B1E1007-MSD1)					Source: 1E05014-15 Prepared & Analyzed: 05/10/21					
Gasoline Range Organics (GRO)	481	100	ug/L	500	<100	96.2	70-130	5.08	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>50.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-120</i>			

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: A5334002
Date Received: 05/05/21
Date Reported: 05/18/21

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] = **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.
- [3] = **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.
- [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 'Viorel Vasile'.

Viorel Vasile
Operations Manager



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

May 28, 2021

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5334006 / 1E06010**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/06/21 11:54 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 'Stuart Sigman'.

Stuart Sigman

Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	1E06010-01	Water	5	05/06/21 06:00	05/06/21 11:54
QCEB-1	1E06010-02	Water	5	05/06/21 07:30	05/06/21 11:54

8260B+OXYGENATES

GMW-56	1E06010-03	Water	5	05/06/21 08:25	05/06/21 11:54
GMW-19	1E06010-04	Water	5	05/06/21 09:00	05/06/21 11:54
DUP-4	1E06010-05	Water	5	05/06/21 00:00	05/06/21 11:54
GMW-12	1E06010-06	Water	5	05/06/21 09:30	05/06/21 11:54
GMW-31	1E06010-07	Water	5	05/06/21 10:05	05/06/21 11:54

Diesel Range Organics 8015M

QCEB-1	1E06010-02	Water	5	05/06/21 07:30	05/06/21 11:54
GMW-56	1E06010-03	Water	5	05/06/21 08:25	05/06/21 11:54
GMW-19	1E06010-04	Water	5	05/06/21 09:00	05/06/21 11:54
DUP-4	1E06010-05	Water	5	05/06/21 00:00	05/06/21 11:54
GMW-12	1E06010-06	Water	5	05/06/21 09:30	05/06/21 11:54
GMW-31	1E06010-07	Water	5	05/06/21 10:05	05/06/21 11:54

Gasoline Range Organics 8015M

GMW-56	1E06010-03	Water	5	05/06/21 08:25	05/06/21 11:54
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Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GMW-19	1E06010-04	Water	5	05/06/21 09:00	05/06/21 11:54
DUP-4	1E06010-05	Water	5	05/06/21 00:00	05/06/21 11:54
GMW-12	1E06010-06	Water	5	05/06/21 09:30	05/06/21 11:54
GMW-31	1E06010-07	Water	5	05/06/21 10:05	05/06/21 11:54

Stuart Sigman
Project 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: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	05/06/21	
Date Prepared:	05/19/21	05/19/21	
Date Analyzed:	05/19/21	05/19/21	
AA ID No:	1E06010-01	1E06010-02	
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

Stuart Sigman
 Project 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: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	05/06/21	
Date Prepared:	05/19/21	05/19/21	
Date Analyzed:	05/19/21	05/19/21	
AA ID No:	1E06010-01	1E06010-02	
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

Stuart Sigman
 Project 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: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	05/06/21	
Date Prepared:	05/19/21	05/19/21	
Date Analyzed:	05/19/21	05/19/21	
AA ID No:	1E06010-01	1E06010-02	
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	98%	98%	80-129
Dibromofluoromethane	110%	112%	68-137
Toluene-d8	98%	97%	83-134

Stuart Sigman
 Project 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: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/19/21	
Date Analyzed:	05/19/21	05/19/21	05/19/21	05/19/21	
AA ID No:	1E06010-03	1E06010-04	1E06010-05	1E06010-06	
Client ID No:	GMW-56	GMW-19	DUP-4	GMW-12	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	13	14	<10	10
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	52	51	0.72	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

Stuart Sigman
 Project 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: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21
Units: ug/L

Table with 5 columns: Date Sampled, Date Prepared, Date Analyzed, AA ID No, Client ID No, Matrix, Dilution Factor, and MRL. Rows include sample dates (05/06/21, 05/19/21), IDs (1E06010-03 to 1E06010-06), client IDs (GMW-56, GMW-19, DUP-4, GMW-12), matrix (Water), and dilution factors (1).

8260B+OXYGENATES (EPA 8260B) (continued)

Table listing chemical compounds and their concentrations across four samples. Compounds include 1,4-Dichlorobenzene, Dichlorodifluoromethane (R12), 1,1-Dichloroethane, 1,2-Dichloroethane (EDC), 1,1-Dichloroethylene, trans-1,2-Dichloroethylene, cis-1,2-Dichloroethylene, 1,2-Dichloropropane, 2,2-Dichloropropane, 1,3-Dichloropropane, cis-1,3-Dichloropropylene, trans-1,3-Dichloropropylene, 1,1-Dichloropropylene, Diisopropyl ether (DIPE), Ethylbenzene, Ethyl-tert-Butyl Ether (ETBE), Hexachlorobutadiene, 2-Hexanone (MBK), Isopropylbenzene, 4-Isopropyltoluene, Methyl-tert-Butyl Ether (MTBE), Methylene Chloride, 4-Methyl-2-pentanone (MIBK), Naphthalene, n-Propylbenzene, Styrene, and 1,1,1,2-Tetrachloroethane. Concentrations are mostly <0.50 or <2.0, with some values like 3.2, 3.3, 0.91, 4.2, 4.5.

Signature of Stuart Sigman

Stuart Sigman
Project 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: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/19/21	
Date Analyzed:	05/19/21	05/19/21	05/19/21	05/19/21	
AA ID No:	1E06010-03	1E06010-04	1E06010-05	1E06010-06	
Client ID No:	GMW-56	GMW-19	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	0.93	0.93	<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	99%	98%	98%	98%	80-129
Dibromofluoromethane	113%	113%	113%	114%	68-137
Toluene-d8	98%	98%	98%	99%	83-134

Stuart Sigman
Project 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: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	
Date Prepared:	05/19/21	
Date Analyzed:	05/19/21	
AA ID No:	1E06010-07	
Client ID No:	GMW-31	
Matrix:	Water	
Dilution Factor:	1	MRL

8260B+OXYGENATES (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

Stuart Sigman
 Project 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: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	
Date Prepared:	05/19/21	
Date Analyzed:	05/19/21	
AA ID No:	1E06010-07	
Client ID No:	GMW-31	
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	<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
Styrene	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	0.50

Stuart Sigman
 Project 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: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	
Date Prepared:	05/19/21	
Date Analyzed:	05/19/21	
AA ID No:	1E06010-07	
Client ID No:	GMW-31	
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

<u>Surrogates</u>		<u>%REC Limits</u>
4-Bromofluorobenzene	99%	80-129
Dibromofluoromethane	113%	68-137
Toluene-d8	98%	83-134

Stuart Sigman
 Project Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5334006
Project No:	04-NDLA-013	Date Received:	05/06/21
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	05/28/21
Method:	Diesel Range Organics by GC/FID	Units:	mg/L

Date Sampled:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Prepared:	05/12/21	05/12/21	05/12/21	05/13/21	
Date Analyzed:	05/13/21	05/13/21	05/13/21	05/18/21	
AA ID No:	1E06010-02	1E06010-03	1E06010-04	1E06010-05	
Client ID No:	QCEB-1	GMW-56	GMW-19	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	<0.10	<0.10	0.42	0.39	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	94%	113%	115%	70%	50-150

Stuart Sigman
Project 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: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21
Units: mg/L

Date Sampled:	05/06/21	05/06/21	
Date Prepared:	05/13/21	05/13/21	
Date Analyzed:	05/18/21	05/18/21	
AA ID No:	1E06010-06	1E06010-07	
Client ID No:	GMW-12	GMW-31	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.40	0.29	0.10
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<u>Surrogates</u>			<u>%REC Limits</u>
o-Terphenyl	110%	104%	50-150

Stuart Sigman
 Project Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5334006
Project No:	04-NDLA-013	Date Received:	05/06/21
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	05/28/21
Method:	Gasoline Range Organics by GC/FID	Units:	ug/L

Date Sampled:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Prepared:	05/11/21	05/11/21	05/11/21	05/11/21	
Date Analyzed:	05/11/21	05/11/21	05/11/21	05/11/21	
AA ID No:	1E06010-03	1E06010-04	1E06010-05	1E06010-06	
Client ID No:	GMW-56	GMW-19	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	150	160	<100	100
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Surrogates

					<u>%REC Limits</u>
a,a,a-Trifluorotoluene	80%	91%	88%	91%	80-120

Stuart Sigman
Project 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: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	
Date Prepared:	05/11/21	
Date Analyzed:	05/11/21	
AA ID No:	1E06010-07	
Client ID No:	GMW-31	
Matrix:	Water	
Dilution Factor:	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	100
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<u>Surrogates</u>		<u>%REC Limits</u>
a,a,a-Trifluorotoluene	83%	80-120

Stuart Sigman
 Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B1E1911 - EPA 5030B

Blank (B1E1911-BLK1)

Prepared & Analyzed: 05/19/21

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							

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Blank (B1E1911-BLK1) Continued										
Prepared & Analyzed: 05/19/21										
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							

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Blank (B1E1911-BLK1) Continued										
Prepared & Analyzed: 05/19/21										
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>48.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.9</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>55.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>110</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.0</i>	<i>83-134</i>			
LCS (B1E1911-BS1)										
Prepared & Analyzed: 05/19/21										
Acetone	21.6	10	ug/L	20.0		108	27-123			
tert-Amyl-Methyl Ether (TAME)	18.3	2.0	ug/L	20.0		91.5	58-133			
Benzene	20.1	0.50	ug/L	20.0		100	60-134			
Bromobenzene	21.7	0.50	ug/L	20.0		109	70-130			
Bromochloromethane	21.0	0.50	ug/L	20.0		105	78-121			
Bromodichloromethane	22.0	0.50	ug/L	20.0		110	74-135			
Bromoform	22.0	0.50	ug/L	20.0		110	68-132			
Bromomethane	19.3	0.50	ug/L	20.0		96.5	58-142			
2-Butanone (MEK)	20.4	10	ug/L	20.0		102	62-138			
tert-Butyl Alcohol (TBA)	91.0	10	ug/L	100		91.0	65-148			
sec-Butylbenzene	21.2	0.50	ug/L	20.0		106	84-142			
tert-Butylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
n-Butylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
Carbon Disulfide	20.4	0.50	ug/L	20.0		102	17-177			
Carbon Tetrachloride	23.4	0.50	ug/L	20.0		117	66-155			
Chlorobenzene	21.3	0.50	ug/L	20.0		106	70-130			
Chloroethane	16.1	0.50	ug/L	20.0		80.7	45-166			
Chloroform	21.0	0.50	ug/L	20.0		105	71-131			
Chloromethane	22.3	0.50	ug/L	20.0		112	48-152			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
LCS (B1E1911-BS1) Continued										
Prepared & Analyzed: 05/19/21										
2-Chlorotoluene	20.7	0.50	ug/L	20.0		103	70-130			
4-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130			
1,2-Dibromo-3-chloropropane	21.2	1.0	ug/L	20.0		106	53-145			
Dibromochloromethane	22.8	0.50	ug/L	20.0		114	72-133			
1,2-Dibromoethane (EDB)	23.0	0.50	ug/L	20.0		115	79-120			
Dibromomethane	22.0	0.50	ug/L	20.0		110	68-124			
1,3-Dichlorobenzene	21.3	0.50	ug/L	20.0		106	70-130			
1,2-Dichlorobenzene	22.5	0.50	ug/L	20.0		112	70-130			
1,4-Dichlorobenzene	21.3	0.50	ug/L	20.0		107	70-130			
Dichlorodifluoromethane (R12)	23.9	0.50	ug/L	20.0		120	16-148			
1,1-Dichloroethane	19.8	0.50	ug/L	20.0		98.8	67-120			
1,2-Dichloroethane (EDC)	21.1	0.50	ug/L	20.0		106	57-156			
1,1-Dichloroethylene	18.9	0.50	ug/L	20.0		94.4	50-149			
trans-1,2-Dichloroethylene	20.0	0.50	ug/L	20.0		100	66-126			
cis-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0		103	70-124			
1,2-Dichloropropane	21.0	0.50	ug/L	20.0		105	53-139			
2,2-Dichloropropane	24.0	0.50	ug/L	20.0		120	44-162			
1,3-Dichloropropane	21.2	0.50	ug/L	20.0		106	79-113			
cis-1,3-Dichloropropylene	21.8	0.50	ug/L	20.0		109	67-127			
trans-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0		105	76-121			
1,1-Dichloropropylene	20.6	0.50	ug/L	20.0		103	84-124			
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0		98.7	51-136			
Ethylbenzene	21.5	0.50	ug/L	20.0		108	86-124			
Ethyl-tert-Butyl Ether (ETBE)	19.7	2.0	ug/L	20.0		98.6	62-136			
Gasoline Range Organics (GRO)	434	100	ug/L	500		86.9	60-123			
Hexachlorobutadiene	20.6	1.0	ug/L	20.0		103	76-140			
2-Hexanone (MBK)	17.7	10	ug/L	20.0		88.6	52-123			
Isopropylbenzene	21.1	0.50	ug/L	20.0		105	70-130			
4-Isopropyltoluene	21.6	1.0	ug/L	20.0		108	70-130			
Methyl-tert-Butyl Ether (MTBE)	43.3	1.2	ug/L	40.0		108	58-144			
Methylene Chloride	23.7	5.0	ug/L	20.0		118	50-135			
4-Methyl-2-pentanone (MIBK)	21.7	10	ug/L	20.0		109	49-139			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
LCS (B1E1911-BS1) Continued										
Prepared & Analyzed: 05/19/21										
Naphthalene	24.4	2.0	ug/L	20.0		122	74-128			
n-Propylbenzene	21.1	0.50	ug/L	20.0		105	70-130			
Styrene	21.7	0.50	ug/L	20.0		109	84-123			
1,1,1,2-Tetrachloroethane	22.1	0.50	ug/L	20.0		110	70-130			
1,1,2,2-Tetrachloroethane	23.1	0.50	ug/L	20.0		115	58-126			
Tetrachloroethylene (PCE)	20.9	0.50	ug/L	20.0		105	70-130			
Toluene	20.3	0.50	ug/L	20.0		101	83-118			
1,2,3-Trichlorobenzene	23.0	0.50	ug/L	20.0		115	77-134			
1,2,4-Trichlorobenzene	22.8	0.50	ug/L	20.0		114	84-128			
1,1,1-Trichloroethane	21.9	0.50	ug/L	20.0		110	66-158			
1,1,2-Trichloroethane	21.5	0.50	ug/L	20.0		108	75-115			
Trichloroethylene (TCE)	20.8	0.50	ug/L	20.0		104	82-128			
Trichlorofluoromethane (R11)	24.8	0.50	ug/L	20.0		124	65-137			
1,2,3-Trichloropropane	22.2	0.50	ug/L	20.0		111	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.4	0.50	ug/L	20.0		97.0	62-130			
1,3,5-Trimethylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
1,2,4-Trimethylbenzene	21.3	0.50	ug/L	20.0		107	70-130			
Vinyl chloride	22.3	0.50	ug/L	20.0		112	51-151			
o-Xylene	21.4	0.50	ug/L	20.0		107	70-130			
m,p-Xylenes	42.9	1.0	ug/L	40.0		107	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	48.8		ug/L	50.0		97.6	80-129			
<i>Surrogate: Dibromofluoromethane</i>	50.6		ug/L	50.0		101	68-137			
<i>Surrogate: Toluene-d8</i>	49.4		ug/L	50.0		98.9	83-134			
LCS Dup (B1E1911-BSD1)										
Prepared & Analyzed: 05/19/21										
Acetone	22.5	10	ug/L	20.0		113	27-123	4.36	30	
tert-Amyl-Methyl Ether (TAME)	17.6	2.0	ug/L	20.0		88.1	58-133	3.79	30	
Benzene	20.4	0.50	ug/L	20.0		102	60-134	1.33	30	
Bromobenzene	20.7	0.50	ug/L	20.0		104	70-130	4.66	30	
Bromochloromethane	21.1	0.50	ug/L	20.0		105	78-121	0.285	30	
Bromodichloromethane	22.4	0.50	ug/L	20.0		112	74-135	1.76	30	

Stuart Sigman
Project Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
LCS Dup (B1E1911-BSD1) Continued										
Prepared & Analyzed: 05/19/21										
Bromoform	21.2	0.50	ug/L	20.0		106	68-132	3.74	30	
Bromomethane	17.7	0.50	ug/L	20.0		88.6	58-142	8.54	30	
2-Butanone (MEK)	19.1	10	ug/L	20.0		95.4	62-138	6.63	30	
tert-Butyl Alcohol (TBA)	83.9	10	ug/L	100		83.9	65-148	8.22	30	
sec-Butylbenzene	21.0	0.50	ug/L	20.0		105	84-142	1.09	30	
tert-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.235	30	
n-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.471	30	
Carbon Disulfide	20.9	0.50	ug/L	20.0		104	17-177	2.18	30	
Carbon Tetrachloride	23.4	0.50	ug/L	20.0		117	66-155	0.0427	30	
Chlorobenzene	21.1	0.50	ug/L	20.0		105	70-130	0.945	30	
Chloroethane	18.0	0.50	ug/L	20.0		89.8	45-166	10.6	30	
Chloroform	21.3	0.50	ug/L	20.0		107	71-131	1.56	30	
Chloromethane	22.0	0.50	ug/L	20.0		110	48-152	1.58	30	
2-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130	0.386	30	
4-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130	0.676	30	
1,2-Dibromo-3-chloropropane	19.9	1.0	ug/L	20.0		99.4	53-145	6.19	30	
Dibromochloromethane	22.1	0.50	ug/L	20.0		110	72-133	3.39	30	
1,2-Dibromoethane (EDB)	21.6	0.50	ug/L	20.0		108	79-120	6.24	30	
Dibromomethane	21.5	0.50	ug/L	20.0		108	68-124	2.02	30	
1,3-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130	3.01	30	
1,2-Dichlorobenzene	21.5	0.50	ug/L	20.0		108	70-130	4.27	30	
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130	2.57	30	
Dichlorodifluoromethane (R12)	24.4	0.50	ug/L	20.0		122	16-148	2.19	30	
1,1-Dichloroethane	20.0	0.50	ug/L	20.0		99.8	67-120	0.956	30	
1,2-Dichloroethane (EDC)	20.6	0.50	ug/L	20.0		103	57-156	2.30	30	
1,1-Dichloroethylene	19.0	0.50	ug/L	20.0		95.0	50-149	0.528	30	
trans-1,2-Dichloroethylene	20.2	0.50	ug/L	20.0		101	66-126	0.498	30	
cis-1,2-Dichloroethylene	20.7	0.50	ug/L	20.0		104	70-124	0.435	30	
1,2-Dichloropropane	21.0	0.50	ug/L	20.0		105	53-139	0.00	30	
2,2-Dichloropropane	20.7	0.50	ug/L	20.0		104	44-162	14.7	30	
1,3-Dichloropropane	21.4	0.50	ug/L	20.0		107	79-113	0.892	30	
cis-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0		105	67-127	3.51	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
LCS Dup (B1E1911-BSD1) Continued										
Prepared & Analyzed: 05/19/21										
trans-1,3-Dichloropropylene	19.7	0.50	ug/L	20.0		98.6	76-121	6.33	30	
1,1-Dichloropropylene	20.7	0.50	ug/L	20.0		103	84-124	0.339	30	
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0		98.4	51-136	0.355	30	
Ethylbenzene	21.6	0.50	ug/L	20.0		108	86-124	0.186	30	
Ethyl-tert-Butyl Ether (ETBE)	19.7	2.0	ug/L	20.0		98.4	62-136	0.152	30	
Gasoline Range Organics (GRO)	426	100	ug/L	500		85.2	60-123	1.98	30	
Hexachlorobutadiene	20.5	1.0	ug/L	20.0		103	76-140	0.680	30	
2-Hexanone (MBK)	17.1	10	ug/L	20.0		85.4	52-123	3.56	30	
Isopropylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.568	30	
4-Isopropyltoluene	21.4	1.0	ug/L	20.0		107	70-130	0.885	30	
Methyl-tert-Butyl Ether (MTBE)	42.4	1.2	ug/L	40.0		106	58-144	2.24	30	
Methylene Chloride	22.3	5.0	ug/L	20.0		111	50-135	6.18	30	
4-Methyl-2-pentanone (MIBK)	19.1	10	ug/L	20.0		95.3	49-139	13.0	30	
Naphthalene	22.1	2.0	ug/L	20.0		110	74-128	10.2	30	
n-Propylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.757	30	
Styrene	21.6	0.50	ug/L	20.0		108	84-123	0.693	30	
1,1,1,2-Tetrachloroethane	21.9	0.50	ug/L	20.0		110	70-130	0.637	30	
1,1,2,2-Tetrachloroethane	22.1	0.50	ug/L	20.0		111	58-126	4.25	30	
Tetrachloroethylene (PCE)	20.7	0.50	ug/L	20.0		104	70-130	1.01	30	
Toluene	20.6	0.50	ug/L	20.0		103	83-118	1.86	30	
1,2,3-Trichlorobenzene	22.1	0.50	ug/L	20.0		110	77-134	4.25	30	
1,2,4-Trichlorobenzene	21.7	0.50	ug/L	20.0		108	84-128	4.91	30	
1,1,1-Trichloroethane	22.0	0.50	ug/L	20.0		110	66-158	0.501	30	
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0		108	75-115	0.325	30	
Trichloroethylene (TCE)	21.0	0.50	ug/L	20.0		105	82-128	1.05	30	
Trichlorofluoromethane (R11)	25.1	0.50	ug/L	20.0		126	65-137	1.12	30	
1,2,3-Trichloropropane	21.3	0.50	ug/L	20.0		106	68-123	4.28	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0		96.4	62-130	0.672	30	
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130	0.855	30	
1,2,4-Trimethylbenzene	21.1	0.50	ug/L	20.0		106	70-130	0.989	30	
Vinyl chloride	23.2	0.50	ug/L	20.0		116	51-151	4.17	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
LCS Dup (B1E1911-BSD1) Continued										
Prepared & Analyzed: 05/19/21										
o-Xylene	21.9	0.50	ug/L	20.0		110	70-130	2.59	30	
m,p-Xylenes	43.0	1.0	ug/L	40.0		108	70-130	0.186	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.5</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>83-134</i>			
Matrix Spike (B1E1911-MS1)										
Source: 1E06010-07 Prepared & Analyzed: 05/19/21										
Acetone	22.3	10	ug/L	20.0		112	11-169			
tert-Amyl-Methyl Ether (TAME)	17.9	2.0	ug/L	20.0		89.6	66-133			
Benzene	20.7	0.50	ug/L	20.0		104	56-135			
Bromobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Bromochloromethane	21.4	0.50	ug/L	20.0		107	74-125			
Bromodichloromethane	22.0	0.50	ug/L	20.0		110	68-144			
Bromoform	21.5	0.50	ug/L	20.0		107	68-151			
Bromomethane	19.2	0.50	ug/L	20.0		96.0	54-142			
2-Butanone (MEK)	19.7	10	ug/L	20.0		98.5	62-145			
tert-Butyl Alcohol (TBA)	92.5	10	ug/L	100		92.5	73-162			
sec-Butylbenzene	20.3	0.50	ug/L	20.0		102	84-145			
tert-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
n-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
Carbon Disulfide	21.5	0.50	ug/L	20.0	0.420	106	28-151			
Carbon Tetrachloride	23.2	0.50	ug/L	20.0		116	58-164			
Chlorobenzene	20.7	0.50	ug/L	20.0		104	70-130			
Chloroethane	17.2	0.50	ug/L	20.0		85.8	42-164			
Chloroform	21.4	0.50	ug/L	20.0		107	65-138			
Chloromethane	22.8	0.50	ug/L	20.0		114	50-152			
2-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130			
4-Chlorotoluene	20.4	0.50	ug/L	20.0		102	70-130			
1,2-Dibromo-3-chloropropane	20.2	1.0	ug/L	20.0		101	53-161			
Dibromochloromethane	22.1	0.50	ug/L	20.0		111	70-130			
1,2-Dibromoethane (EDB)	22.1	0.50	ug/L	20.0		111	76-130			
Dibromomethane	23.4	0.50	ug/L	20.0		117	62-135			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Matrix Spike (B1E1911-MS1) Continued Source: 1E06010-07 Prepared & Analyzed: 05/19/21										
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0		103	70-130			
1,2-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130			
1,4-Dichlorobenzene	20.5	0.50	ug/L	20.0		103	70-130			
Dichlorodifluoromethane (R12)	25.1	0.50	ug/L	20.0		125	17-153			
1,1-Dichloroethane	20.3	0.50	ug/L	20.0		102	55-131			
1,2-Dichloroethane (EDC)	21.4	0.50	ug/L	20.0		107	52-168			
1,1-Dichloroethylene	19.1	0.50	ug/L	20.0		95.4	51-140			
trans-1,2-Dichloroethylene	20.3	0.50	ug/L	20.0		101	59-127			
cis-1,2-Dichloroethylene	20.9	0.50	ug/L	20.0		104	70-130			
1,2-Dichloropropane	20.6	0.50	ug/L	20.0		103	52-142			
2,2-Dichloropropane	21.2	0.50	ug/L	20.0		106	36-168			
1,3-Dichloropropane	21.5	0.50	ug/L	20.0		107	80-121			
cis-1,3-Dichloropropylene	21.2	0.50	ug/L	20.0		106	66-130			
trans-1,3-Dichloropropylene	20.7	0.50	ug/L	20.0		104	78-130			
1,1-Dichloropropylene	21.0	0.50	ug/L	20.0		105	76-132			
Diisopropyl ether (DIPE)	19.9	2.0	ug/L	20.0		99.4	52-138			
Ethylbenzene	21.3	0.50	ug/L	20.0		106	86-128			
Ethyl-tert-Butyl Ether (ETBE)	20.1	2.0	ug/L	20.0		101	64-137			
Hexachlorobutadiene	20.3	1.0	ug/L	20.0		102	70-130			
2-Hexanone (MBK)	16.7	10	ug/L	20.0		83.3	52-141			
Isopropylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
4-Isopropyltoluene	21.0	1.0	ug/L	20.0		105	83-149			
Methyl-tert-Butyl Ether (MTBE)	44.7	1.2	ug/L	40.0		112	56-150			
Methylene Chloride	20.9	5.0	ug/L	20.0		105	70-130			
4-Methyl-2-pentanone (MIBK)	21.3	10	ug/L	20.0		107	60-148			
Naphthalene	22.9	2.0	ug/L	20.0		114	70-130			
n-Propylbenzene	20.9	0.50	ug/L	20.0		105	70-130			
Styrene	20.6	0.50	ug/L	20.0		103	65-141			
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0		106	70-130			
1,1,2,2-Tetrachloroethane	23.1	0.50	ug/L	20.0		116	62-134			
Tetrachloroethylene (PCE)	19.9	0.50	ug/L	20.0		99.6	70-130			
Toluene	20.2	0.50	ug/L	20.0		101	81-123			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B

Matrix Spike (B1E1911-MS1) Continued Source: 1E06010-07 Prepared & Analyzed: 05/19/21

1,2,3-Trichlorobenzene	22.2	0.50	ug/L	20.0		111	73-144			
1,2,4-Trichlorobenzene	21.7	0.50	ug/L	20.0		108	80-137			
1,1,1-Trichloroethane	22.4	0.50	ug/L	20.0		112	62-164			
1,1,2-Trichloroethane	21.7	0.50	ug/L	20.0		108	76-122			
Trichloroethylene (TCE)	21.3	0.50	ug/L	20.0		106	72-136			
Trichlorofluoromethane (R11)	25.9	0.50	ug/L	20.0		130	59-144			
1,2,3-Trichloropropane	21.8	0.50	ug/L	20.0		109	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	20.2	0.50	ug/L	20.0		101	62-126			
1,3,5-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130			
1,2,4-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	89-134			
Vinyl chloride	24.2	0.50	ug/L	20.0		121	54-150			
o-Xylene	20.9	0.50	ug/L	20.0		105	70-130			
m,p-Xylenes	41.9	1.0	ug/L	40.0		105	70-130			
Surrogate: 4-Bromofluorobenzene	49.2		ug/L	50.0		98.4	80-129			
Surrogate: Dibromofluoromethane	52.0		ug/L	50.0		104	68-137			
Surrogate: Toluene-d8	49.9		ug/L	50.0		99.7	83-134			

Matrix Spike Dup (B1E1911-MSD1) Source: 1E06010-07 Prepared & Analyzed: 05/19/21

Acetone	22.1	10	ug/L	20.0		110	11-169	1.04	30	
tert-Amyl-Methyl Ether (TAME)	18.2	2.0	ug/L	20.0		91.2	66-133	1.71	30	
Benzene	20.6	0.50	ug/L	20.0		103	56-135	0.581	30	
Bromobenzene	20.7	0.50	ug/L	20.0		104	70-130	0.339	30	
Bromochloromethane	21.4	0.50	ug/L	20.0		107	74-125	0.0935	30	
Bromodichloromethane	22.3	0.50	ug/L	20.0		112	68-144	1.22	30	
Bromoform	21.9	0.50	ug/L	20.0		109	68-151	1.84	30	
Bromomethane	21.2	0.50	ug/L	20.0		106	54-142	10.1	30	
2-Butanone (MEK)	22.2	10	ug/L	20.0		111	62-145	12.1	30	
tert-Butyl Alcohol (TBA)	98.0	10	ug/L	100		98.0	73-162	5.76	30	
sec-Butylbenzene	20.3	0.50	ug/L	20.0		101	84-145	0.0985	30	
tert-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130	0.0480	30	
n-Butylbenzene	20.9	0.50	ug/L	20.0		105	70-130	1.23	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Matrix Spike Dup (B1E1911-MSD1) Source: 1E06010-07 Prepared & Analyzed: 05/19/21										
Continued										
Carbon Disulfide	21.0	0.50	ug/L	20.0	0.420	103	28-151	2.73	30	
Carbon Tetrachloride	23.2	0.50	ug/L	20.0		116	58-164	0.0431	30	
Chlorobenzene	20.5	0.50	ug/L	20.0		103	70-130	0.873	30	
Chloroethane	16.4	0.50	ug/L	20.0		82.2	42-164	4.17	30	
Chloroform	21.6	0.50	ug/L	20.0		108	65-138	0.837	30	
Chloromethane	23.2	0.50	ug/L	20.0		116	50-152	1.43	30	
2-Chlorotoluene	20.3	0.50	ug/L	20.0		102	70-130	1.61	30	
4-Chlorotoluene	20.2	0.50	ug/L	20.0		101	70-130	0.984	30	
1,2-Dibromo-3-chloropropane	22.0	1.0	ug/L	20.0		110	53-161	8.48	30	
Dibromochloromethane	22.6	0.50	ug/L	20.0		113	70-130	2.01	30	
1,2-Dibromoethane (EDB)	22.2	0.50	ug/L	20.0		111	76-130	0.406	30	
Dibromomethane	22.2	0.50	ug/L	20.0		111	62-135	5.04	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	0.488	30	
1,2-Dichlorobenzene	21.7	0.50	ug/L	20.0		109	70-130	0.507	30	
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	0.873	30	
Dichlorodifluoromethane (R12)	24.5	0.50	ug/L	20.0		122	17-153	2.42	30	
1,1-Dichloroethane	19.7	0.50	ug/L	20.0		98.3	55-131	3.35	30	
1,2-Dichloroethane (EDC)	21.0	0.50	ug/L	20.0		105	52-168	1.98	30	
1,1-Dichloroethylene	19.0	0.50	ug/L	20.0		94.8	51-140	0.684	30	
trans-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	59-127	0.541	30	
cis-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0		103	70-130	1.40	30	
1,2-Dichloropropane	21.0	0.50	ug/L	20.0		105	52-142	1.83	30	
2,2-Dichloropropane	21.3	0.50	ug/L	20.0		106	36-168	0.518	30	
1,3-Dichloropropane	21.1	0.50	ug/L	20.0		105	80-121	1.93	30	
cis-1,3-Dichloropropylene	21.5	0.50	ug/L	20.0		107	66-130	0.983	30	
trans-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	78-130	0.193	30	
1,1-Dichloropropylene	20.8	0.50	ug/L	20.0		104	76-132	0.958	30	
Diisopropyl ether (DIPE)	20.0	2.0	ug/L	20.0		100	52-138	0.602	30	
Ethylbenzene	21.1	0.50	ug/L	20.0		106	86-128	0.896	30	
Ethyl-tert-Butyl Ether (ETBE)	20.0	2.0	ug/L	20.0		99.9	64-137	0.798	30	
Hexachlorobutadiene	19.6	1.0	ug/L	20.0		97.8	70-130	3.66	30	

Stuart Sigman
Project Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Matrix Spike Dup (B1E1911-MSD1) Source: 1E06010-07 Prepared & Analyzed: 05/19/21										
Continued										
2-Hexanone (MBK)	17.7	10	ug/L	20.0		88.6	52-141	6.17	30	
Isopropylbenzene	20.8	0.50	ug/L	20.0		104	70-130	0.481	30	
4-Isopropyltoluene	20.8	1.0	ug/L	20.0		104	83-149	1.34	30	
Methyl-tert-Butyl Ether (MTBE)	45.6	1.2	ug/L	40.0		114	56-150	1.99	30	
Methylene Chloride	20.3	5.0	ug/L	20.0		102	70-130	3.01	30	
4-Methyl-2-pentanone (MIBK)	22.6	10	ug/L	20.0		113	60-148	5.87	30	
Naphthalene	24.5	2.0	ug/L	20.0		123	70-130	7.01	30	
n-Propylbenzene	20.8	0.50	ug/L	20.0		104	70-130	0.911	30	
Styrene	20.5	0.50	ug/L	20.0		102	65-141	0.633	30	
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0		106	70-130	0.0473	30	
1,1,2,2-Tetrachloroethane	23.3	0.50	ug/L	20.0		117	62-134	0.861	30	
Tetrachloroethylene (PCE)	19.8	0.50	ug/L	20.0		99.2	70-130	0.503	30	
Toluene	19.9	0.50	ug/L	20.0		99.3	81-123	1.65	30	
1,2,3-Trichlorobenzene	22.4	0.50	ug/L	20.0		112	73-144	0.538	30	
1,2,4-Trichlorobenzene	21.8	0.50	ug/L	20.0		109	80-137	0.414	30	
1,1,1-Trichloroethane	21.8	0.50	ug/L	20.0		109	62-164	2.85	30	
1,1,2-Trichloroethane	21.2	0.50	ug/L	20.0		106	76-122	2.28	30	
Trichloroethylene (TCE)	20.8	0.50	ug/L	20.0		104	72-136	2.28	30	
Trichlorofluoromethane (R11)	25.9	0.50	ug/L	20.0		129	59-144	0.193	30	
1,2,3-Trichloropropane	22.6	0.50	ug/L	20.0		113	69-135	3.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.6	0.50	ug/L	20.0		97.9	62-126	3.31	30	
1,3,5-Trimethylbenzene	20.2	0.50	ug/L	20.0		101	70-130	1.37	30	
1,2,4-Trimethylbenzene	20.4	0.50	ug/L	20.0		102	89-134	0.974	30	
Vinyl chloride	23.5	0.50	ug/L	20.0		118	54-150	2.97	30	
o-Xylene	20.8	0.50	ug/L	20.0		104	70-130	0.671	30	
m,p-Xylenes	41.2	1.0	ug/L	40.0		103	70-130	1.71	30	
Surrogate: 4-Bromofluorobenzene	49.3		ug/L	50.0		98.7	80-129			
Surrogate: Dibromofluoromethane	52.1		ug/L	50.0		104	68-137			
Surrogate: Toluene-d8	49.6		ug/L	50.0		99.2	83-134			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Blank (B1E1911-BLK1)										
Prepared & Analyzed: 05/19/21										
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							

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Blank (B1E1911-BLK1) Continued										
Prepared & Analyzed: 05/19/21										
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							

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Blank (B1E1911-BLK1) Continued										
Prepared & Analyzed: 05/19/21										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.9</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>55.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>110</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.0</i>	<i>83-134</i>			
LCS (B1E1911-BS1)										
Prepared & Analyzed: 05/19/21										
Acetone	21.6	10	ug/L	20.0		108	27-123			
tert-Amyl-Methyl Ether (TAME)	18.3	2.0	ug/L	20.0		91.5	58-133			
Benzene	20.1	0.50	ug/L	20.0		100	60-134			
Bromobenzene	21.7	0.50	ug/L	20.0		109	70-130			
Bromochloromethane	21.0	0.50	ug/L	20.0		105	78-121			
Bromodichloromethane	22.0	0.50	ug/L	20.0		110	74-135			
Bromoform	22.0	0.50	ug/L	20.0		110	68-132			
Bromomethane	19.3	0.50	ug/L	20.0		96.5	58-142			
2-Butanone (MEK)	20.4	10	ug/L	20.0		102	62-138			
tert-Butyl Alcohol (TBA)	91.0	10	ug/L	100		91.0	65-148			
sec-Butylbenzene	21.2	0.50	ug/L	20.0		106	84-142			
tert-Butylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
n-Butylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
Carbon Disulfide	20.4	0.50	ug/L	20.0		102	17-177			
Carbon Tetrachloride	23.4	0.50	ug/L	20.0		117	66-155			
Chlorobenzene	21.3	0.50	ug/L	20.0		106	70-130			
Chloroethane	16.1	0.50	ug/L	20.0		80.7	45-166			
Chloroform	21.0	0.50	ug/L	20.0		105	71-131			
Chloromethane	22.3	0.50	ug/L	20.0		112	48-152			
2-Chlorotoluene	20.7	0.50	ug/L	20.0		103	70-130			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
LCS (B1E1911-BS1) Continued										
Prepared & Analyzed: 05/19/21										
4-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130			
1,2-Dibromo-3-chloropropane	21.2	1.0	ug/L	20.0		106	53-145			
Dibromochloromethane	22.8	0.50	ug/L	20.0		114	72-133			
1,2-Dibromoethane (EDB)	23.0	0.50	ug/L	20.0		115	79-120			
Dibromomethane	22.0	0.50	ug/L	20.0		110	68-124			
1,3-Dichlorobenzene	21.3	0.50	ug/L	20.0		106	70-130			
1,2-Dichlorobenzene	22.5	0.50	ug/L	20.0		112	70-130			
1,4-Dichlorobenzene	21.3	0.50	ug/L	20.0		107	70-130			
Dichlorodifluoromethane (R12)	23.9	0.50	ug/L	20.0		120	16-148			
1,1-Dichloroethane	19.8	0.50	ug/L	20.0		98.8	67-120			
1,2-Dichloroethane (EDC)	21.1	0.50	ug/L	20.0		106	57-156			
1,1-Dichloroethylene	18.9	0.50	ug/L	20.0		94.4	50-149			
trans-1,2-Dichloroethylene	20.0	0.50	ug/L	20.0		100	66-126			
cis-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0		103	70-124			
1,2-Dichloropropane	21.0	0.50	ug/L	20.0		105	53-139			
2,2-Dichloropropane	24.0	0.50	ug/L	20.0		120	44-162			
1,3-Dichloropropane	21.2	0.50	ug/L	20.0		106	79-113			
cis-1,3-Dichloropropylene	21.8	0.50	ug/L	20.0		109	67-127			
trans-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0		105	76-121			
1,1-Dichloropropylene	20.6	0.50	ug/L	20.0		103	84-124			
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0		98.7	51-136			
Ethylbenzene	21.5	0.50	ug/L	20.0		108	86-124			
Ethyl-tert-Butyl Ether (ETBE)	19.7	2.0	ug/L	20.0		98.6	62-136			
Hexachlorobutadiene	20.6	1.0	ug/L	20.0		103	76-140			
2-Hexanone (MBK)	17.7	10	ug/L	20.0		88.6	52-123			
Isopropylbenzene	21.1	0.50	ug/L	20.0		105	70-130			
4-Isopropyltoluene	21.6	1.0	ug/L	20.0		108	70-130			
Methyl-tert-Butyl Ether (MTBE)	43.3	1.2	ug/L	40.0		108	58-144			
Methylene Chloride	23.7	5.0	ug/L	20.0		118	50-135			
4-Methyl-2-pentanone (MIBK)	21.7	10	ug/L	20.0		109	49-139			
Naphthalene	24.4	2.0	ug/L	20.0		122	74-128			
n-Propylbenzene	21.1	0.50	ug/L	20.0		105	70-130			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
LCS (B1E1911-BS1) Continued										
Prepared & Analyzed: 05/19/21										
Styrene	21.7	0.50	ug/L	20.0		109	84-123			
1,1,1,2-Tetrachloroethane	22.1	0.50	ug/L	20.0		110	70-130			
1,1,2,2-Tetrachloroethane	23.1	0.50	ug/L	20.0		115	58-126			
Tetrachloroethylene (PCE)	20.9	0.50	ug/L	20.0		105	70-130			
Toluene	20.3	0.50	ug/L	20.0		101	83-118			
1,2,3-Trichlorobenzene	23.0	0.50	ug/L	20.0		115	77-134			
1,2,4-Trichlorobenzene	22.8	0.50	ug/L	20.0		114	84-128			
1,1,1-Trichloroethane	21.9	0.50	ug/L	20.0		110	66-158			
1,1,2-Trichloroethane	21.5	0.50	ug/L	20.0		108	75-115			
Trichloroethylene (TCE)	20.8	0.50	ug/L	20.0		104	82-128			
Trichlorofluoromethane (R11)	24.8	0.50	ug/L	20.0		124	65-137			
1,2,3-Trichloropropane	22.2	0.50	ug/L	20.0		111	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.4	0.50	ug/L	20.0		97.0	62-130			
1,3,5-Trimethylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
1,2,4-Trimethylbenzene	21.3	0.50	ug/L	20.0		107	70-130			
Vinyl chloride	22.3	0.50	ug/L	20.0		112	51-151			
o-Xylene	21.4	0.50	ug/L	20.0		107	70-130			
m,p-Xylenes	42.9	1.0	ug/L	40.0		107	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	48.8		ug/L	50.0		97.6	80-129			
<i>Surrogate: Dibromofluoromethane</i>	50.6		ug/L	50.0		101	68-137			
<i>Surrogate: Toluene-d8</i>	49.4		ug/L	50.0		98.9	83-134			
LCS Dup (B1E1911-BSD1)										
Prepared & Analyzed: 05/19/21										
Acetone	22.5	10	ug/L	20.0		113	27-123	4.36	30	
tert-Amyl-Methyl Ether (TAME)	17.6	2.0	ug/L	20.0		88.1	58-133	3.79	30	
Benzene	20.4	0.50	ug/L	20.0		102	60-134	1.33	30	
Bromobenzene	20.7	0.50	ug/L	20.0		104	70-130	4.66	30	
Bromochloromethane	21.1	0.50	ug/L	20.0		105	78-121	0.285	30	
Bromodichloromethane	22.4	0.50	ug/L	20.0		112	74-135	1.76	30	
Bromoform	21.2	0.50	ug/L	20.0		106	68-132	3.74	30	
Bromomethane	17.7	0.50	ug/L	20.0		88.6	58-142	8.54	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
LCS Dup (B1E1911-BSD1) Continued										
Prepared & Analyzed: 05/19/21										
2-Butanone (MEK)	19.1	10	ug/L	20.0		95.4	62-138	6.63	30	
tert-Butyl Alcohol (TBA)	83.9	10	ug/L	100		83.9	65-148	8.22	30	
sec-Butylbenzene	21.0	0.50	ug/L	20.0		105	84-142	1.09	30	
tert-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.235	30	
n-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.471	30	
Carbon Disulfide	20.9	0.50	ug/L	20.0		104	17-177	2.18	30	
Carbon Tetrachloride	23.4	0.50	ug/L	20.0		117	66-155	0.0427	30	
Chlorobenzene	21.1	0.50	ug/L	20.0		105	70-130	0.945	30	
Chloroethane	18.0	0.50	ug/L	20.0		89.8	45-166	10.6	30	
Chloroform	21.3	0.50	ug/L	20.0		107	71-131	1.56	30	
Chloromethane	22.0	0.50	ug/L	20.0		110	48-152	1.58	30	
2-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130	0.386	30	
4-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130	0.676	30	
1,2-Dibromo-3-chloropropane	19.9	1.0	ug/L	20.0		99.4	53-145	6.19	30	
Dibromochloromethane	22.1	0.50	ug/L	20.0		110	72-133	3.39	30	
1,2-Dibromoethane (EDB)	21.6	0.50	ug/L	20.0		108	79-120	6.24	30	
Dibromomethane	21.5	0.50	ug/L	20.0		108	68-124	2.02	30	
1,3-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130	3.01	30	
1,2-Dichlorobenzene	21.5	0.50	ug/L	20.0		108	70-130	4.27	30	
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130	2.57	30	
Dichlorodifluoromethane (R12)	24.4	0.50	ug/L	20.0		122	16-148	2.19	30	
1,1-Dichloroethane	20.0	0.50	ug/L	20.0		99.8	67-120	0.956	30	
1,2-Dichloroethane (EDC)	20.6	0.50	ug/L	20.0		103	57-156	2.30	30	
1,1-Dichloroethylene	19.0	0.50	ug/L	20.0		95.0	50-149	0.528	30	
trans-1,2-Dichloroethylene	20.2	0.50	ug/L	20.0		101	66-126	0.498	30	
cis-1,2-Dichloroethylene	20.7	0.50	ug/L	20.0		104	70-124	0.435	30	
1,2-Dichloropropane	21.0	0.50	ug/L	20.0		105	53-139	0.00	30	
2,2-Dichloropropane	20.7	0.50	ug/L	20.0		104	44-162	14.7	30	
1,3-Dichloropropane	21.4	0.50	ug/L	20.0		107	79-113	0.892	30	
cis-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0		105	67-127	3.51	30	
trans-1,3-Dichloropropylene	19.7	0.50	ug/L	20.0		98.6	76-121	6.33	30	
1,1-Dichloropropylene	20.7	0.50	ug/L	20.0		103	84-124	0.339	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
LCS Dup (B1E1911-BSD1) Continued										
Prepared & Analyzed: 05/19/21										
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0		98.4	51-136	0.355	30	
Ethylbenzene	21.6	0.50	ug/L	20.0		108	86-124	0.186	30	
Ethyl-tert-Butyl Ether (ETBE)	19.7	2.0	ug/L	20.0		98.4	62-136	0.152	30	
Hexachlorobutadiene	20.5	1.0	ug/L	20.0		103	76-140	0.680	30	
2-Hexanone (MBK)	17.1	10	ug/L	20.0		85.4	52-123	3.56	30	
Isopropylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.568	30	
4-Isopropyltoluene	21.4	1.0	ug/L	20.0		107	70-130	0.885	30	
Methyl-tert-Butyl Ether (MTBE)	42.4	1.2	ug/L	40.0		106	58-144	2.24	30	
Methylene Chloride	22.3	5.0	ug/L	20.0		111	50-135	6.18	30	
4-Methyl-2-pentanone (MIBK)	19.1	10	ug/L	20.0		95.3	49-139	13.0	30	
Naphthalene	22.1	2.0	ug/L	20.0		110	74-128	10.2	30	
n-Propylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.757	30	
Styrene	21.6	0.50	ug/L	20.0		108	84-123	0.693	30	
1,1,1,2-Tetrachloroethane	21.9	0.50	ug/L	20.0		110	70-130	0.637	30	
1,1,2,2-Tetrachloroethane	22.1	0.50	ug/L	20.0		111	58-126	4.25	30	
Tetrachloroethylene (PCE)	20.7	0.50	ug/L	20.0		104	70-130	1.01	30	
Toluene	20.6	0.50	ug/L	20.0		103	83-118	1.86	30	
1,2,3-Trichlorobenzene	22.1	0.50	ug/L	20.0		110	77-134	4.25	30	
1,2,4-Trichlorobenzene	21.7	0.50	ug/L	20.0		108	84-128	4.91	30	
1,1,1-Trichloroethane	22.0	0.50	ug/L	20.0		110	66-158	0.501	30	
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0		108	75-115	0.325	30	
Trichloroethylene (TCE)	21.0	0.50	ug/L	20.0		105	82-128	1.05	30	
Trichlorofluoromethane (R11)	25.1	0.50	ug/L	20.0		126	65-137	1.12	30	
1,2,3-Trichloropropane	21.3	0.50	ug/L	20.0		106	68-123	4.28	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0		96.4	62-130	0.672	30	
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130	0.855	30	
1,2,4-Trimethylbenzene	21.1	0.50	ug/L	20.0		106	70-130	0.989	30	
Vinyl chloride	23.2	0.50	ug/L	20.0		116	51-151	4.17	30	
o-Xylene	21.9	0.50	ug/L	20.0		110	70-130	2.59	30	
m,p-Xylenes	43.0	1.0	ug/L	40.0		108	70-130	0.186	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B

LCS Dup (B1E1911-BSD1) Continued

Prepared & Analyzed: 05/19/21

Surrogate: 4-Bromofluorobenzene	48.7		ug/L	50.0		97.5	80-129			
Surrogate: Dibromofluoromethane	51.1		ug/L	50.0		102	68-137			
Surrogate: Toluene-d8	50.4		ug/L	50.0		101	83-134			

Matrix Spike (B1E1911-MS1)

Source: 1E06010-07 Prepared & Analyzed: 05/19/21

Acetone	22.3	10	ug/L	20.0	<10	112	11-169			
tert-Amyl-Methyl Ether (TAME)	17.9	2.0	ug/L	20.0	<2.0	89.6	66-133			
Benzene	20.7	0.50	ug/L	20.0	<0.50	104	56-135			
Bromobenzene	20.6	0.50	ug/L	20.0	<0.50	103	70-130			
Bromochloromethane	21.4	0.50	ug/L	20.0	<0.50	107	74-125			
Bromodichloromethane	22.0	0.50	ug/L	20.0	<0.50	110	68-144			
Bromoform	21.5	0.50	ug/L	20.0	<0.50	107	68-151			
Bromomethane	19.2	0.50	ug/L	20.0	<0.50	96.0	54-142			
2-Butanone (MEK)	19.7	10	ug/L	20.0	<10	98.5	62-145			
tert-Butyl Alcohol (TBA)	92.5	10	ug/L	100	<10	92.5	73-162			
sec-Butylbenzene	20.3	0.50	ug/L	20.0	<0.50	102	84-145			
tert-Butylbenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130			
n-Butylbenzene	21.2	0.50	ug/L	20.0	<0.50	106	70-130			
Carbon Disulfide	21.5	0.50	ug/L	20.0	0.420	106	28-151			
Carbon Tetrachloride	23.2	0.50	ug/L	20.0	<0.50	116	58-164			
Chlorobenzene	20.7	0.50	ug/L	20.0	<0.50	104	70-130			
Chloroethane	17.2	0.50	ug/L	20.0	<0.50	85.8	42-164			
Chloroform	21.4	0.50	ug/L	20.0	<0.50	107	65-138			
Chloromethane	22.8	0.50	ug/L	20.0	<0.50	114	50-152			
2-Chlorotoluene	20.6	0.50	ug/L	20.0	<0.50	103	70-130			
4-Chlorotoluene	20.4	0.50	ug/L	20.0	<0.50	102	70-130			
1,2-Dibromo-3-chloropropane	20.2	1.0	ug/L	20.0	<1.0	101	53-161			
Dibromochloromethane	22.1	0.50	ug/L	20.0	<0.50	111	70-130			
1,2-Dibromoethane (EDB)	22.1	0.50	ug/L	20.0	<0.50	111	76-130			
Dibromomethane	23.4	0.50	ug/L	20.0	<0.50	117	62-135			
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0	<0.50	103	70-130			
1,2-Dichlorobenzene	21.6	0.50	ug/L	20.0	<0.50	108	70-130			
1,4-Dichlorobenzene	20.5	0.50	ug/L	20.0	<0.50	103	70-130			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Matrix Spike (B1E1911-MS1) Continued Source: 1E06010-07 Prepared & Analyzed: 05/19/21										
Dichlorodifluoromethane (R12)	25.1	0.50	ug/L	20.0	<0.50	125	17-153			
1,1-Dichloroethane	20.3	0.50	ug/L	20.0	<0.50	102	55-131			
1,2-Dichloroethane (EDC)	21.4	0.50	ug/L	20.0	<0.50	107	52-168			
1,1-Dichloroethylene	19.1	0.50	ug/L	20.0	<0.50	95.4	51-140			
trans-1,2-Dichloroethylene	20.3	0.50	ug/L	20.0	<0.50	101	59-127			
cis-1,2-Dichloroethylene	20.9	0.50	ug/L	20.0	<0.50	104	70-130			
1,2-Dichloropropane	20.6	0.50	ug/L	20.0	<0.50	103	52-142			
2,2-Dichloropropane	21.2	0.50	ug/L	20.0	<0.50	106	36-168			
1,3-Dichloropropane	21.5	0.50	ug/L	20.0	<0.50	107	80-121			
cis-1,3-Dichloropropylene	21.2	0.50	ug/L	20.0	<0.50	106	66-130			
trans-1,3-Dichloropropylene	20.7	0.50	ug/L	20.0	<0.50	104	78-130			
1,1-Dichloropropylene	21.0	0.50	ug/L	20.0	<0.50	105	76-132			
Diisopropyl ether (DIPE)	19.9	2.0	ug/L	20.0	<2.0	99.4	52-138			
Ethylbenzene	21.3	0.50	ug/L	20.0	<0.50	106	86-128			
Ethyl-tert-Butyl Ether (ETBE)	20.1	2.0	ug/L	20.0	<2.0	101	64-137			
Hexachlorobutadiene	20.3	1.0	ug/L	20.0	<1.0	102	70-130			
2-Hexanone (MBK)	16.7	10	ug/L	20.0	<10	83.3	52-141			
Isopropylbenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130			
4-Isopropyltoluene	21.0	1.0	ug/L	20.0	<1.0	105	83-149			
Methyl-tert-Butyl Ether (MTBE)	44.7	1.2	ug/L	40.0	<1.2	112	56-150			
Methylene Chloride	20.9	5.0	ug/L	20.0	<5.0	105	70-130			
4-Methyl-2-pentanone (MIBK)	21.3	10	ug/L	20.0	<10	107	60-148			
Naphthalene	22.9	2.0	ug/L	20.0	<2.0	114	70-130			
n-Propylbenzene	20.9	0.50	ug/L	20.0	<0.50	105	70-130			
Styrene	20.6	0.50	ug/L	20.0	<0.50	103	65-141			
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0	<0.50	106	70-130			
1,1,2,2-Tetrachloroethane	23.1	0.50	ug/L	20.0	<0.50	116	62-134			
Tetrachloroethylene (PCE)	19.9	0.50	ug/L	20.0	<0.50	99.6	70-130			
Toluene	20.2	0.50	ug/L	20.0	<0.50	101	81-123			
1,2,3-Trichlorobenzene	22.2	0.50	ug/L	20.0	<0.50	111	73-144			
1,2,4-Trichlorobenzene	21.7	0.50	ug/L	20.0	<0.50	108	80-137			
1,1,1-Trichloroethane	22.4	0.50	ug/L	20.0	<0.50	112	62-164			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Matrix Spike (B1E1911-MS1) Continued Source: 1E06010-07 Prepared & Analyzed: 05/19/21										
1,1,2-Trichloroethane	21.7	0.50	ug/L	20.0	<0.50	108	76-122			
Trichloroethylene (TCE)	21.3	0.50	ug/L	20.0	<0.50	106	72-136			
Trichlorofluoromethane (R11)	25.9	0.50	ug/L	20.0	<0.50	130	59-144			
1,2,3-Trichloropropane	21.8	0.50	ug/L	20.0	<0.50	109	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	20.2	0.50	ug/L	20.0	<0.50	101	62-126			
1,3,5-Trimethylbenzene	20.5	0.50	ug/L	20.0	<0.50	103	70-130			
1,2,4-Trimethylbenzene	20.6	0.50	ug/L	20.0	<0.50	103	89-134			
Vinyl chloride	24.2	0.50	ug/L	20.0	<0.50	121	54-150			
o-Xylene	20.9	0.50	ug/L	20.0	<0.50	105	70-130			
m,p-Xylenes	41.9	1.0	ug/L	40.0	<1.0	105	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.2		ug/L	50.0		98.4	80-129			
<i>Surrogate: Dibromofluoromethane</i>	52.0		ug/L	50.0		104	68-137			
<i>Surrogate: Toluene-d8</i>	49.9		ug/L	50.0		99.7	83-134			
Matrix Spike Dup (B1E1911-MSD1) Source: 1E06010-07 Prepared & Analyzed: 05/19/21										
Acetone	22.1	10	ug/L	20.0	<10	110	11-169	1.04	30	
tert-Amyl-Methyl Ether (TAME)	18.2	2.0	ug/L	20.0	<2.0	91.2	66-133	1.71	30	
Benzene	20.6	0.50	ug/L	20.0	<0.50	103	56-135	0.581	30	
Bromobenzene	20.7	0.50	ug/L	20.0	<0.50	104	70-130	0.339	30	
Bromochloromethane	21.4	0.50	ug/L	20.0	<0.50	107	74-125	0.0935	30	
Bromodichloromethane	22.3	0.50	ug/L	20.0	<0.50	112	68-144	1.22	30	
Bromoform	21.9	0.50	ug/L	20.0	<0.50	109	68-151	1.84	30	
Bromomethane	21.2	0.50	ug/L	20.0	<0.50	106	54-142	10.1	30	
2-Butanone (MEK)	22.2	10	ug/L	20.0	<10	111	62-145	12.1	30	
tert-Butyl Alcohol (TBA)	98.0	10	ug/L	100	<10	98.0	73-162	5.76	30	
sec-Butylbenzene	20.3	0.50	ug/L	20.0	<0.50	101	84-145	0.0985	30	
tert-Butylbenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	0.0480	30	
n-Butylbenzene	20.9	0.50	ug/L	20.0	<0.50	105	70-130	1.23	30	
Carbon Disulfide	21.0	0.50	ug/L	20.0	0.420	103	28-151	2.73	30	
Carbon Tetrachloride	23.2	0.50	ug/L	20.0	<0.50	116	58-164	0.0431	30	
Chlorobenzene	20.5	0.50	ug/L	20.0	<0.50	103	70-130	0.873	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Matrix Spike Dup (B1E1911-MSD1) Source: 1E06010-07 Prepared & Analyzed: 05/19/21										
Continued										
Chloroethane	16.4	0.50	ug/L	20.0	<0.50	82.2	42-164	4.17	30	
Chloroform	21.6	0.50	ug/L	20.0	<0.50	108	65-138	0.837	30	
Chloromethane	23.2	0.50	ug/L	20.0	<0.50	116	50-152	1.43	30	
2-Chlorotoluene	20.3	0.50	ug/L	20.0	<0.50	102	70-130	1.61	30	
4-Chlorotoluene	20.2	0.50	ug/L	20.0	<0.50	101	70-130	0.984	30	
1,2-Dibromo-3-chloropropane	22.0	1.0	ug/L	20.0	<1.0	110	53-161	8.48	30	
Dibromochloromethane	22.6	0.50	ug/L	20.0	<0.50	113	70-130	2.01	30	
1,2-Dibromoethane (EDB)	22.2	0.50	ug/L	20.0	<0.50	111	76-130	0.406	30	
Dibromomethane	22.2	0.50	ug/L	20.0	<0.50	111	62-135	5.04	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0	<0.50	102	70-130	0.488	30	
1,2-Dichlorobenzene	21.7	0.50	ug/L	20.0	<0.50	109	70-130	0.507	30	
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0	<0.50	104	70-130	0.873	30	
Dichlorodifluoromethane (R12)	24.5	0.50	ug/L	20.0	<0.50	122	17-153	2.42	30	
1,1-Dichloroethane	19.7	0.50	ug/L	20.0	<0.50	98.3	55-131	3.35	30	
1,2-Dichloroethane (EDC)	21.0	0.50	ug/L	20.0	<0.50	105	52-168	1.98	30	
1,1-Dichloroethylene	19.0	0.50	ug/L	20.0	<0.50	94.8	51-140	0.684	30	
trans-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0	<0.50	102	59-127	0.541	30	
cis-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0	<0.50	103	70-130	1.40	30	
1,2-Dichloropropane	21.0	0.50	ug/L	20.0	<0.50	105	52-142	1.83	30	
2,2-Dichloropropane	21.3	0.50	ug/L	20.0	<0.50	106	36-168	0.518	30	
1,3-Dichloropropane	21.1	0.50	ug/L	20.0	<0.50	105	80-121	1.93	30	
cis-1,3-Dichloropropylene	21.5	0.50	ug/L	20.0	<0.50	107	66-130	0.983	30	
trans-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0	<0.50	104	78-130	0.193	30	
1,1-Dichloropropylene	20.8	0.50	ug/L	20.0	<0.50	104	76-132	0.958	30	
Diisopropyl ether (DIPE)	20.0	2.0	ug/L	20.0	<2.0	100	52-138	0.602	30	
Ethylbenzene	21.1	0.50	ug/L	20.0	<0.50	106	86-128	0.896	30	
Ethyl-tert-Butyl Ether (ETBE)	20.0	2.0	ug/L	20.0	<2.0	99.9	64-137	0.798	30	
Hexachlorobutadiene	19.6	1.0	ug/L	20.0	<1.0	97.8	70-130	3.66	30	
2-Hexanone (MBK)	17.7	10	ug/L	20.0	<10	88.6	52-141	6.17	30	
Isopropylbenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	0.481	30	
4-Isopropyltoluene	20.8	1.0	ug/L	20.0	<1.0	104	83-149	1.34	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1911 - EPA 5030B</i>										
Matrix Spike Dup (B1E1911-MSD1) Source: 1E06010-07 Prepared & Analyzed: 05/19/21										
Continued										
Methyl-tert-Butyl Ether (MTBE)	45.6	1.2	ug/L	40.0	<1.2	114	56-150	1.99	30	
Methylene Chloride	20.3	5.0	ug/L	20.0	<5.0	102	70-130	3.01	30	
4-Methyl-2-pentanone (MIBK)	22.6	10	ug/L	20.0	<10	113	60-148	5.87	30	
Naphthalene	24.5	2.0	ug/L	20.0	<2.0	123	70-130	7.01	30	
n-Propylbenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	0.911	30	
Styrene	20.5	0.50	ug/L	20.0	<0.50	102	65-141	0.633	30	
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0	<0.50	106	70-130	0.0473	30	
1,1,2,2-Tetrachloroethane	23.3	0.50	ug/L	20.0	<0.50	117	62-134	0.861	30	
Tetrachloroethylene (PCE)	19.8	0.50	ug/L	20.0	<0.50	99.2	70-130	0.503	30	
Toluene	19.9	0.50	ug/L	20.0	<0.50	99.3	81-123	1.65	30	
1,2,3-Trichlorobenzene	22.4	0.50	ug/L	20.0	<0.50	112	73-144	0.538	30	
1,2,4-Trichlorobenzene	21.8	0.50	ug/L	20.0	<0.50	109	80-137	0.414	30	
1,1,1-Trichloroethane	21.8	0.50	ug/L	20.0	<0.50	109	62-164	2.85	30	
1,1,2-Trichloroethane	21.2	0.50	ug/L	20.0	<0.50	106	76-122	2.28	30	
Trichloroethylene (TCE)	20.8	0.50	ug/L	20.0	<0.50	104	72-136	2.28	30	
Trichlorofluoromethane (R11)	25.9	0.50	ug/L	20.0	<0.50	129	59-144	0.193	30	
1,2,3-Trichloropropane	22.6	0.50	ug/L	20.0	<0.50	113	69-135	3.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.6	0.50	ug/L	20.0	<0.50	97.9	62-126	3.31	30	
1,3,5-Trimethylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	70-130	1.37	30	
1,2,4-Trimethylbenzene	20.4	0.50	ug/L	20.0	<0.50	102	89-134	0.974	30	
Vinyl chloride	23.5	0.50	ug/L	20.0	<0.50	118	54-150	2.97	30	
o-Xylene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	0.671	30	
m,p-Xylenes	41.2	1.0	ug/L	40.0	<1.0	103	70-130	1.71	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	49.3		ug/L	50.0		98.7	80-129			
<i>Surrogate: Dibromofluoromethane</i>	52.1		ug/L	50.0		104	68-137			
<i>Surrogate: Toluene-d8</i>	49.6		ug/L	50.0		99.2	83-134			

Diesel Range Organics by GC/FID - Quality Control

Batch B1E1215 - EPA 3510C

Blank (B1E1215-BLK1)

Prepared: 05/12/21 Analyzed: 05/13/21

Stuart Sigman
Project Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1215 - EPA 3510C</i>										
Blank (B1E1215-BLK1) Continued Prepared: 05/12/21 Analyzed: 05/13/21										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0523</i>		<i>mg/L</i>	<i>0.0400</i>		<i>131</i>	<i>50-150</i>			
LCS (B1E1215-BS1) Prepared: 05/12/21 Analyzed: 05/13/21										
Diesel Range Organics as Diesel	0.589	0.10	mg/L	0.800		73.6	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0493</i>		<i>mg/L</i>	<i>0.0400</i>		<i>123</i>	<i>50-150</i>			
LCS Dup (B1E1215-BSD1) Prepared: 05/12/21 Analyzed: 05/13/21										
Diesel Range Organics as Diesel	0.409	0.10	mg/L	0.800		51.2	36-132	35.9	30	QR-02
<i>Surrogate: o-Terphenyl</i>	<i>0.0357</i>		<i>mg/L</i>	<i>0.0400</i>		<i>89.1</i>	<i>50-150</i>			
<i>Batch B1E1407 - EPA 3510C</i>										
Blank (B1E1407-BLK1) Prepared: 05/13/21 Analyzed: 05/18/21										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0502</i>		<i>mg/L</i>	<i>0.0400</i>		<i>126</i>	<i>50-150</i>			
LCS (B1E1407-BS1) Prepared: 05/13/21 Analyzed: 05/18/21										
Diesel Range Organics as Diesel	0.486	0.10	mg/L	0.800		60.7	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0469</i>		<i>mg/L</i>	<i>0.0400</i>		<i>117</i>	<i>50-150</i>			
LCS Dup (B1E1407-BSD1) Prepared: 05/13/21 Analyzed: 05/18/21										
Diesel Range Organics as Diesel	0.475	0.10	mg/L	0.800		59.4	36-132	2.15	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0458</i>		<i>mg/L</i>	<i>0.0400</i>		<i>114</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B1E1109 - *** DEFAULT PREP ***</i>										
Blank (B1E1109-BLK1) Prepared & Analyzed: 05/11/21										
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>45.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.1</i>	<i>80-120</i>			
LCS (B1E1109-BS1) Prepared & Analyzed: 05/11/21										
Gasoline Range Organics (GRO)	478	100	ug/L	500		95.5	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>52.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>80-120</i>			
LCS Dup (B1E1109-BSD1) Prepared & Analyzed: 05/11/21										

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

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 B1E1109 - *** DEFAULT PREP ***</i>										
LCS Dup (B1E1109-BSD1) Continued				Prepared & Analyzed: 05/11/21						
Gasoline Range Organics (GRO)	484	100	ug/L	500		96.8	75-125	1.33	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	54.5		ug/L	50.0		109	80-120			
Matrix Spike (B1E1109-MS1)				Source: 1E06010-07 Prepared & Analyzed: 05/11/21						
Gasoline Range Organics (GRO)	467	100	ug/L	500	<100	93.4	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	50.9		ug/L	50.0		102	80-120			
Matrix Spike Dup (B1E1109-MSD1)				Source: 1E06010-07 Prepared & Analyzed: 05/11/21						
Gasoline Range Organics (GRO)	434	100	ug/L	500	<100	86.8	70-130	7.30	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	47.5		ug/L	50.0		95.0	80-120			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334006
Date Received: 05/06/21
Date Reported: 05/28/21

Special Notes

[1] = **QR-02** : The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

A handwritten signature in black ink, appearing to read 'Stuart Sigman'.

Stuart Sigman
Project Manager



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

May 28, 2021

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5334007 / 1E07003**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/07/21 15:32 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 'Stuart Sigman'.

Stuart Sigman

Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	1E07003-06	Water	5	05/07/21 07:00	05/07/21 15:32
QCEB-1	1E07003-07	Water	5	05/07/21 07:30	05/07/21 15:32

8260B+OXYGENATES

GW-3	1E07003-01	Water	5	05/06/21 11:05	05/07/21 15:32
EXP-2	1E07003-02	Water	5	05/06/21 11:40	05/07/21 15:32
GW-2	1E07003-03	Water	5	05/06/21 12:25	05/07/21 15:32
EXP-1	1E07003-04	Water	5	05/06/21 13:05	05/07/21 15:32
MW-22 (MID)	1E07003-05	Water	5	05/06/21 13:45	05/07/21 15:32
MW-27	1E07003-08	Water	5	05/07/21 08:15	05/07/21 15:32
TF-9R	1E07003-09	Water	5	05/07/21 08:55	05/07/21 15:32
TF-8	1E07003-10	Water	5	05/07/21 09:35	05/07/21 15:32
GMW-16	1E07003-11	Water	5	05/07/21 10:10	05/07/21 15:32
GMW-15	1E07003-12	Water	5	05/07/21 10:45	05/07/21 15:32
DUP-5	1E07003-13	Water	5	05/07/21 00:00	05/07/21 15:32
PZ-3	1E07003-14	Water	5	05/07/21 11:15	05/07/21 15:32
GMW-18	1E07003-15	Water	5	05/07/21 11:45	05/07/21 15:32

Diesel Range Organics 8015M

GW-3	1E07003-01	Water	5	05/06/21 11:05	05/07/21 15:32
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Stuart Sigman
Project Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
EXP-2	1E07003-02	Water	5	05/06/21 11:40	05/07/21 15:32
GW-2	1E07003-03	Water	5	05/06/21 12:25	05/07/21 15:32
EXP-1	1E07003-04	Water	5	05/06/21 13:05	05/07/21 15:32
MW-22 (MID)	1E07003-05	Water	5	05/06/21 13:45	05/07/21 15:32
QCEB-1	1E07003-07	Water	5	05/07/21 07:30	05/07/21 15:32
MW-27	1E07003-08	Water	5	05/07/21 08:15	05/07/21 15:32
TF-9R	1E07003-09	Water	5	05/07/21 08:55	05/07/21 15:32
TF-8	1E07003-10	Water	5	05/07/21 09:35	05/07/21 15:32
GMW-16	1E07003-11	Water	5	05/07/21 10:10	05/07/21 15:32
GMW-15	1E07003-12	Water	5	05/07/21 10:45	05/07/21 15:32
DUP-5	1E07003-13	Water	5	05/07/21 00:00	05/07/21 15:32
PZ-3	1E07003-14	Water	5	05/07/21 11:15	05/07/21 15:32
GMW-18	1E07003-15	Water	5	05/07/21 11:45	05/07/21 15:32

Gasoline Range Organics 8015M

GW-3	1E07003-01	Water	5	05/06/21 11:05	05/07/21 15:32
EXP-2	1E07003-02	Water	5	05/06/21 11:40	05/07/21 15:32
GW-2	1E07003-03	Water	5	05/06/21 12:25	05/07/21 15:32
EXP-1	1E07003-04	Water	5	05/06/21 13:05	05/07/21 15:32
MW-22 (MID)	1E07003-05	Water	5	05/06/21 13:45	05/07/21 15:32
MW-27	1E07003-08	Water	5	05/07/21 08:15	05/07/21 15:32

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
TF-9R	1E07003-09	Water	5	05/07/21 08:55	05/07/21 15:32
TF-8	1E07003-10	Water	5	05/07/21 09:35	05/07/21 15:32
GMW-16	1E07003-11	Water	5	05/07/21 10:10	05/07/21 15:32
GMW-15	1E07003-12	Water	5	05/07/21 10:45	05/07/21 15:32
DUP-5	1E07003-13	Water	5	05/07/21 00:00	05/07/21 15:32
PZ-3	1E07003-14	Water	5	05/07/21 11:15	05/07/21 15:32
GMW-18	1E07003-15	Water	5	05/07/21 11:45	05/07/21 15:32

Stuart Sigman
Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/07/21	05/07/21	
Date Prepared:	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	
AA ID No:	1E07003-06	1E07003-07	
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

Stuart Sigman
 Project Manager



LABORATORY ANALYSIS RESULTS

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Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/07/21	05/07/21	
Date Prepared:	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	
AA ID No:	1E07003-06	1E07003-07	
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

Stuart Sigman
Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/07/21	05/07/21	
Date Prepared:	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	
AA ID No:	1E07003-06	1E07003-07	
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	96%	97%	80-129
Dibromofluoromethane	110%	111%	68-137
Toluene-d8	98%	97%	83-134

Stuart Sigman
Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Prepared:	05/17/21	05/17/21	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	05/17/21	05/17/21	
AA ID No:	1E07003-01	1E07003-02	1E07003-03	1E07003-04	
Client ID No:	GW-3	EXP-2	GW-2	EXP-1	
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

Stuart Sigman
Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Table with 5 columns: Date Sampled, Date Prepared, Date Analyzed, AA ID No, Client ID No, Matrix, Dilution Factor, and MRL. Rows include sample dates (05/06/21, 05/17/21), IDs (1E07003-01 to 04), client IDs (GW-3, EXP-2, GW-2, EXP-1), matrix (Water), and dilution factors (1).

8260B+OXYGENATES (EPA 8260B) (continued)

Table listing chemical compounds and their concentrations across four samples. Compounds include 1,4-Dichlorobenzene, Dichlorodifluoromethane (R12), 1,1-Dichloroethane, 1,2-Dichloroethane (EDC), 1,1-Dichloroethylene, trans-1,2-Dichloroethylene, cis-1,2-Dichloroethylene, 1,2-Dichloropropane, 2,2-Dichloropropane, 1,3-Dichloropropane, cis-1,3-Dichloropropylene, trans-1,3-Dichloropropylene, 1,1-Dichloropropylene, Diisopropyl ether (DIPE), Ethylbenzene, Ethyl-tert-Butyl Ether (ETBE), Hexachlorobutadiene, 2-Hexanone (MBK), Isopropylbenzene, 4-Isopropyltoluene, Methyl-tert-Butyl Ether (MTBE), Methylene Chloride, 4-Methyl-2-pentanone (MIBK), Naphthalene, n-Propylbenzene, Styrene, and 1,1,1,2-Tetrachloroethane. Concentrations are mostly <0.50 or <2.0, with MRL values ranging from 0.50 to 10.

Signature of Stuart Sigman

Stuart Sigman
Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

	05/06/21	05/06/21	05/06/21	05/06/21	
Date Sampled:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Prepared:	05/17/21	05/17/21	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	05/17/21	05/17/21	
AA ID No:	1E07003-01	1E07003-02	1E07003-03	1E07003-04	
Client ID No:	GW-3	EXP-2	GW-2	EXP-1	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	98%	98%	98%	99%	80-129
Dibromofluoromethane	111%	113%	112%	110%	68-137
Toluene-d8	97%	99%	98%	99%	83-134

Stuart Sigman
Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	05/07/21	05/07/21	05/07/21	
Date Prepared:	05/17/21	05/17/21	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	05/17/21	05/17/21	
AA ID No:	1E07003-05	1E07003-08	1E07003-09	1E07003-10	
Client ID No:	MW-22 (MID)	MW-27	TF-9R	TF-8	
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	0.83	<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

Stuart Sigman
 Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

	05/06/21	05/07/21	05/07/21	05/07/21	
Date Sampled:	05/06/21	05/07/21	05/07/21	05/07/21	
Date Prepared:	05/17/21	05/17/21	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	05/17/21	05/17/21	
AA ID No:	1E07003-05	1E07003-08	1E07003-09	1E07003-10	
Client ID No:	MW-22 (MID)	MW-27	TF-9R	TF-8	
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)	1.7	<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)	1.6	<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

Stuart Sigman
Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

	05/06/21	05/07/21	05/07/21	05/07/21	
Date Sampled:	05/06/21	05/07/21	05/07/21	05/07/21	
Date Prepared:	05/17/21	05/17/21	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	05/17/21	05/17/21	
AA ID No:	1E07003-05	1E07003-08	1E07003-09	1E07003-10	
Client ID No:	MW-22 (MID)	MW-27	TF-9R	TF-8	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	98%	98%	99%	100%	80-129
Dibromofluoromethane	110%	109%	110%	112%	68-137
Toluene-d8	99%	98%	99%	98%	83-134

Stuart Sigman
Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

	05/07/21	05/07/21	05/07/21	05/07/21	
Date Sampled:	05/07/21	05/07/21	05/07/21	05/07/21	
Date Prepared:	05/17/21	05/17/21	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	05/17/21	05/17/21	
AA ID No:	1E07003-11	1E07003-12	1E07003-13	1E07003-14	
Client ID No:	GMW-16	GMW-15	DUP-5	PZ-3	
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

Stuart Sigman
Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/07/21	05/07/21	05/07/21	05/07/21	
Date Prepared:	05/17/21	05/17/21	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	05/17/21	05/17/21	
AA ID No:	1E07003-11	1E07003-12	1E07003-13	1E07003-14	
Client ID No:	GMW-16	GMW-15	DUP-5	PZ-3	
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

Stuart Sigman
Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/07/21	05/07/21	05/07/21	05/07/21	
Date Prepared:	05/17/21	05/17/21	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	05/17/21	05/17/21	
AA ID No:	1E07003-11	1E07003-12	1E07003-13	1E07003-14	
Client ID No:	GMW-16	GMW-15	DUP-5	PZ-3	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	100%	99%	99%	98%	80-129
Dibromofluoromethane	110%	110%	112%	111%	68-137
Toluene-d8	98%	98%	98%	97%	83-134

Stuart Sigman
Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/07/21	
Date Prepared:	05/17/21	
Date Analyzed:	05/17/21	
AA ID No:	1E07003-15	
Client ID No:	GMW-18	
Matrix:	Water	
Dilution Factor:	1	MRL

8260B+OXYGENATES (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

Stuart Sigman
 Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/07/21	
Date Prepared:	05/17/21	
Date Analyzed:	05/17/21	
AA ID No:	1E07003-15	
Client ID No:	GMW-18	
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	<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
Styrene	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	0.50

Stuart Sigman
 Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/07/21	
Date Prepared:	05/17/21	
Date Analyzed:	05/17/21	
AA ID No:	1E07003-15	
Client ID No:	GMW-18	
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

<u>Surrogates</u>		<u>%REC Limits</u>
4-Bromofluorobenzene	98%	80-129
Dibromofluoromethane	110%	68-137
Toluene-d8	99%	83-134

Stuart Sigman
 Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: mg/L

Date Sampled:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Prepared:	05/13/21	05/13/21	05/13/21	05/13/21	
Date Analyzed:	05/19/21	05/18/21	05/19/21	05/19/21	
AA ID No:	1E07003-01	1E07003-02	1E07003-03	1E07003-04	
Client ID No:	GW-3	EXP-2	GW-2	EXP-1	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	<0.10	0.13	<0.10	0.10
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Surrogates

o-Terphenyl	114%	106%	94%	103%	<u>%REC Limits</u> 50-150
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Stuart Sigman
 Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: mg/L

Date Sampled:	05/06/21	05/07/21	05/07/21	05/07/21	
Date Prepared:	05/13/21	05/13/21	05/13/21	05/13/21	
Date Analyzed:	05/19/21	05/19/21	05/19/21	05/19/21	
AA ID No:	1E07003-05	1E07003-07	1E07003-08	1E07003-09	
Client ID No:	MW-22 (MID)	QCEB-1	MW-27	TF-9R	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	<0.10	0.26	0.90	0.10
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Surrogates

o-Terphenyl	126%	123%	97%	84%	<u>%REC Limits</u> 50-150
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Stuart Sigman
 Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: mg/L

Date Sampled:	05/07/21	05/07/21	05/07/21	05/07/21	
Date Prepared:	05/13/21	05/13/21	05/13/21	05/13/21	
Date Analyzed:	05/19/21	05/19/21	05/19/21	05/19/21	
AA ID No:	1E07003-10	1E07003-11	1E07003-12	1E07003-13	
Client ID No:	TF-8	GMW-16	GMW-15	DUP-5	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.27	0.24	0.17	<0.10	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	74%	105%	112%	110%	50-150

Stuart Sigman
 Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: mg/L

Date Sampled:	05/07/21	05/07/21	
Date Prepared:	05/14/21	05/14/21	
Date Analyzed:	05/19/21	05/19/21	
AA ID No:	1E07003-14	1E07003-15	
Client ID No:	PZ-3	GMW-18	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	2.7	0.22	0.10
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<u>Surrogates</u>			<u>%REC Limits</u>
o-Terphenyl	86%	90%	50-150

Stuart Sigman
 Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	05/06/21	05/06/21	05/06/21	
Date Prepared:	05/13/21	05/13/21	05/13/21	05/13/21	
Date Analyzed:	05/13/21	05/13/21	05/13/21	05/13/21	
AA ID No:	1E07003-01	1E07003-02	1E07003-03	1E07003-04	
Client ID No:	GW-3	EXP-2	GW-2	EXP-1	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	93%	87%	87%	86%	<u>%REC Limits</u> 80-120
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Stuart Sigman
 Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/06/21	05/07/21	05/07/21	05/07/21	
Date Prepared:	05/13/21	05/13/21	05/13/21	05/13/21	
Date Analyzed:	05/13/21	05/13/21	05/13/21	05/13/21	
AA ID No:	1E07003-05	1E07003-08	1E07003-09	1E07003-10	
Client ID No:	MW-22 (MID)	MW-27	TF-9R	TF-8	
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%	82%	84%	<u>%REC Limits</u> 80-120
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Stuart Sigman
 Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/07/21	05/07/21	05/07/21	05/07/21	
Date Prepared:	05/13/21	05/13/21	05/13/21	05/13/21	
Date Analyzed:	05/13/21	05/13/21	05/13/21	05/13/21	
AA ID No:	1E07003-11	1E07003-12	1E07003-13	1E07003-14	
Client ID No:	GMW-16	GMW-15	DUP-5	PZ-3	
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	88%	84%	80%	81%	<u>%REC Limits</u> 80-120
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Stuart Sigman
 Project 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: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21
Units: ug/L

Date Sampled:	05/07/21	
Date Prepared:	05/13/21	
Date Analyzed:	05/13/21	
AA ID No:	1E07003-15	
Client ID No:	GMW-18	
Matrix:	Water	
Dilution Factor:	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	100
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Surrogates

		<u>%REC Limits</u>
a,a,a-Trifluorotoluene	80%	80-120

Stuart Sigman
 Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B1E1710 - EPA 5030B

Blank (B1E1710-BLK1)

Prepared & Analyzed: 05/17/21

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							

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Blank (B1E1710-BLK1) Continued										
Prepared & Analyzed: 05/17/21										
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							

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Blank (B1E1710-BLK1) Continued										
Prepared & Analyzed: 05/17/21										
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>48.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.4</i>	<i>83-134</i>			
LCS (B1E1710-BS1)										
Prepared & Analyzed: 05/17/21										
Acetone	19.5	10	ug/L	20.0		97.4	27-123			
tert-Amyl-Methyl Ether (TAME)	18.6	2.0	ug/L	20.0		92.8	58-133			
Benzene	19.4	0.50	ug/L	20.0		97.0	60-134			
Bromobenzene	21.3	0.50	ug/L	20.0		107	70-130			
Bromochloromethane	21.0	0.50	ug/L	20.0		105	78-121			
Bromodichloromethane	21.4	0.50	ug/L	20.0		107	74-135			
Bromoform	22.5	0.50	ug/L	20.0		112	68-132			
Bromomethane	17.2	0.50	ug/L	20.0		86.0	58-142			
2-Butanone (MEK)	20.3	10	ug/L	20.0		101	62-138			
tert-Butyl Alcohol (TBA)	98.1	10	ug/L	100		98.1	65-148			
sec-Butylbenzene	20.7	0.50	ug/L	20.0		103	84-142			
tert-Butylbenzene	21.1	0.50	ug/L	20.0		106	70-130			
n-Butylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
Carbon Disulfide	19.8	0.50	ug/L	20.0		99.0	17-177			
Carbon Tetrachloride	22.4	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	21.2	0.50	ug/L	20.0		106	70-130			
Chloroethane	16.4	0.50	ug/L	20.0		82.2	45-166			
Chloroform	20.5	0.50	ug/L	20.0		102	71-131			
Chloromethane	21.4	0.50	ug/L	20.0		107	48-152			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
LCS (B1E1710-BS1) Continued						Prepared & Analyzed: 05/17/21				
2-Chlorotoluene	20.1	0.50	ug/L	20.0		100	70-130			
4-Chlorotoluene	20.4	0.50	ug/L	20.0		102	70-130			
1,2-Dibromo-3-chloropropane	19.6	1.0	ug/L	20.0		98.1	53-145			
Dibromochloromethane	22.6	0.50	ug/L	20.0		113	72-133			
1,2-Dibromoethane (EDB)	22.2	0.50	ug/L	20.0		111	79-120			
Dibromomethane	20.7	0.50	ug/L	20.0		104	68-124			
1,3-Dichlorobenzene	20.9	0.50	ug/L	20.0		104	70-130			
1,2-Dichlorobenzene	22.1	0.50	ug/L	20.0		111	70-130			
1,4-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130			
Dichlorodifluoromethane (R12)	23.0	0.50	ug/L	20.0		115	16-148			
1,1-Dichloroethane	18.7	0.50	ug/L	20.0		93.5	67-120			
1,2-Dichloroethane (EDC)	20.0	0.50	ug/L	20.0		100	57-156			
1,1-Dichloroethylene	18.6	0.50	ug/L	20.0		93.2	50-149			
trans-1,2-Dichloroethylene	20.0	0.50	ug/L	20.0		100	66-126			
cis-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		100	70-124			
1,2-Dichloropropane	19.5	0.50	ug/L	20.0		97.4	53-139			
2,2-Dichloropropane	22.5	0.50	ug/L	20.0		113	44-162			
1,3-Dichloropropane	21.2	0.50	ug/L	20.0		106	79-113			
cis-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	67-127			
trans-1,3-Dichloropropylene	20.6	0.50	ug/L	20.0		103	76-121			
1,1-Dichloropropylene	19.8	0.50	ug/L	20.0		99.0	84-124			
Diisopropyl ether (DIPE)	19.0	2.0	ug/L	20.0		95.0	51-136			
Ethylbenzene	21.1	0.50	ug/L	20.0		105	86-124			
Ethyl-tert-Butyl Ether (ETBE)	19.3	2.0	ug/L	20.0		96.5	62-136			
Gasoline Range Organics (GRO)	604	100	ug/L	500		121	60-123			
Hexachlorobutadiene	21.1	1.0	ug/L	20.0		106	76-140			
2-Hexanone (MBK)	17.3	10	ug/L	20.0		86.4	52-123			
Isopropylbenzene	20.7	0.50	ug/L	20.0		103	70-130			
4-Isopropyltoluene	21.2	1.0	ug/L	20.0		106	70-130			
Methyl-tert-Butyl Ether (MTBE)	42.5	1.2	ug/L	40.0		106	58-144			
Methylene Chloride	20.7	5.0	ug/L	20.0		103	50-135			
4-Methyl-2-pentanone (MIBK)	22.4	10	ug/L	20.0		112	49-139			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
LCS (B1E1710-BS1) Continued						Prepared & Analyzed: 05/17/21				
Naphthalene	24.0	2.0	ug/L	20.0		120	74-128			
n-Propylbenzene	20.5	0.50	ug/L	20.0		102	70-130			
Styrene	21.6	0.50	ug/L	20.0		108	84-123			
1,1,1,2-Tetrachloroethane	21.7	0.50	ug/L	20.0		109	70-130			
1,1,2,2-Tetrachloroethane	22.9	0.50	ug/L	20.0		115	58-126			
Tetrachloroethylene (PCE)	20.8	0.50	ug/L	20.0		104	70-130			
Toluene	19.8	0.50	ug/L	20.0		99.1	83-118			
1,2,3-Trichlorobenzene	23.5	0.50	ug/L	20.0		117	77-134			
1,2,4-Trichlorobenzene	23.0	0.50	ug/L	20.0		115	84-128			
1,1,1-Trichloroethane	20.8	0.50	ug/L	20.0		104	66-158			
1,1,2-Trichloroethane	21.5	0.50	ug/L	20.0		107	75-115			
Trichloroethylene (TCE)	20.0	0.50	ug/L	20.0		100	82-128			
Trichlorofluoromethane (R11)	24.7	0.50	ug/L	20.0		124	65-137			
1,2,3-Trichloropropane	22.4	0.50	ug/L	20.0		112	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0		96.4	62-130			
1,3,5-Trimethylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
1,2,4-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
Vinyl chloride	21.3	0.50	ug/L	20.0		106	51-151			
o-Xylene	21.7	0.50	ug/L	20.0		108	70-130			
m,p-Xylenes	42.9	1.0	ug/L	40.0		107	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	48.3		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>	48.6		ug/L	50.0		97.2	83-134			
LCS Dup (B1E1710-BSD1)						Prepared: 05/17/21 Analyzed: 05/18/21				
Acetone	20.8	10	ug/L	20.0		104	27-123	6.70	30	
tert-Amyl-Methyl Ether (TAME)	18.1	2.0	ug/L	20.0		90.4	58-133	2.67	30	
Benzene	20.0	0.50	ug/L	20.0		99.8	60-134	2.84	30	
Bromobenzene	20.9	0.50	ug/L	20.0		104	70-130	2.18	30	
Bromochloromethane	21.0	0.50	ug/L	20.0		105	78-121	0.190	30	
Bromodichloromethane	21.6	0.50	ug/L	20.0		108	74-135	0.932	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
LCS Dup (B1E1710-BSD1) Continued										
					Prepared: 05/17/21 Analyzed: 05/18/21					
Bromoform	21.4	0.50	ug/L	20.0	107	68-132	5.15	30		
Bromomethane	20.1	0.50	ug/L	20.0	101	58-142	15.7	30		
2-Butanone (MEK)	21.1	10	ug/L	20.0	105	62-138	3.87	30		
tert-Butyl Alcohol (TBA)	98.6	10	ug/L	100	98.6	65-148	0.508	30		
sec-Butylbenzene	20.6	0.50	ug/L	20.0	103	84-142	0.436	30		
tert-Butylbenzene	20.7	0.50	ug/L	20.0	104	70-130	1.82	30		
n-Butylbenzene	20.4	0.50	ug/L	20.0	102	70-130	1.07	30		
Carbon Disulfide	20.3	0.50	ug/L	20.0	102	17-177	2.64	30		
Carbon Tetrachloride	21.9	0.50	ug/L	20.0	110	66-155	2.43	30		
Chlorobenzene	20.7	0.50	ug/L	20.0	104	70-130	2.62	30		
Chloroethane	25.3	0.50	ug/L	20.0	126	45-166	42.5	30		QR-02
Chloroform	20.5	0.50	ug/L	20.0	103	71-131	0.195	30		
Chloromethane	21.7	0.50	ug/L	20.0	109	48-152	1.25	30		
2-Chlorotoluene	20.1	0.50	ug/L	20.0	101	70-130	0.149	30		
4-Chlorotoluene	20.2	0.50	ug/L	20.0	101	70-130	1.04	30		
1,2-Dibromo-3-chloropropane	18.8	1.0	ug/L	20.0	93.9	53-145	4.38	30		
Dibromochloromethane	21.8	0.50	ug/L	20.0	109	72-133	3.74	30		
1,2-Dibromoethane (EDB)	21.8	0.50	ug/L	20.0	109	79-120	1.77	30		
Dibromomethane	21.5	0.50	ug/L	20.0	108	68-124	3.74	30		
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0	102	70-130	2.52	30		
1,2-Dichlorobenzene	21.5	0.50	ug/L	20.0	107	70-130	2.98	30		
1,4-Dichlorobenzene	20.2	0.50	ug/L	20.0	101	70-130	4.03	30		
Dichlorodifluoromethane (R12)	24.4	0.50	ug/L	20.0	122	16-148	6.33	30		
1,1-Dichloroethane	19.4	0.50	ug/L	20.0	97.0	67-120	3.73	30		
1,2-Dichloroethane (EDC)	19.5	0.50	ug/L	20.0	97.7	57-156	2.48	30		
1,1-Dichloroethylene	18.6	0.50	ug/L	20.0	93.2	50-149	0.00	30		
trans-1,2-Dichloroethylene	19.9	0.50	ug/L	20.0	99.5	66-126	0.501	30		
cis-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0	103	70-124	2.66	30		
1,2-Dichloropropane	20.6	0.50	ug/L	20.0	103	53-139	5.34	30		
2,2-Dichloropropane	19.8	0.50	ug/L	20.0	99.0	44-162	12.8	30		
1,3-Dichloropropane	20.6	0.50	ug/L	20.0	103	79-113	3.11	30		
cis-1,3-Dichloropropylene	20.3	0.50	ug/L	20.0	102	67-127	2.63	30		

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
LCS Dup (B1E1710-BSD1) Continued										
					Prepared: 05/17/21 Analyzed: 05/18/21					
trans-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0		100	76-121	2.46	30	
1,1-Dichloropropylene	19.9	0.50	ug/L	20.0		99.7	84-124	0.755	30	
Diisopropyl ether (DIPE)	19.8	2.0	ug/L	20.0		98.8	51-136	3.87	30	
Ethylbenzene	21.2	0.50	ug/L	20.0		106	86-124	0.568	30	
Ethyl-tert-Butyl Ether (ETBE)	19.6	2.0	ug/L	20.0		97.8	62-136	1.34	30	
Gasoline Range Organics (GRO)	615	100	ug/L	500		123	60-123	1.77	30	
Hexachlorobutadiene	20.0	1.0	ug/L	20.0		99.9	76-140	5.45	30	
2-Hexanone (MBK)	16.7	10	ug/L	20.0		83.4	52-123	3.53	30	
Isopropylbenzene	20.8	0.50	ug/L	20.0		104	70-130	0.386	30	
4-Isopropyltoluene	20.5	1.0	ug/L	20.0		103	70-130	2.97	30	
Methyl-tert-Butyl Ether (MTBE)	42.6	1.2	ug/L	40.0		106	58-144	0.141	30	
Methylene Chloride	20.3	5.0	ug/L	20.0		102	50-135	1.61	30	
4-Methyl-2-pentanone (MIBK)	21.0	10	ug/L	20.0		105	49-139	6.44	30	
Naphthalene	22.0	2.0	ug/L	20.0		110	74-128	8.90	30	
n-Propylbenzene	20.5	0.50	ug/L	20.0		103	70-130	0.195	30	
Styrene	21.3	0.50	ug/L	20.0		106	84-123	1.49	30	
1,1,1,2-Tetrachloroethane	21.3	0.50	ug/L	20.0		107	70-130	1.95	30	
1,1,2,2-Tetrachloroethane	22.4	0.50	ug/L	20.0		112	58-126	2.47	30	
Tetrachloroethylene (PCE)	20.3	0.50	ug/L	20.0		102	70-130	2.48	30	
Toluene	20.1	0.50	ug/L	20.0		101	83-118	1.50	30	
1,2,3-Trichlorobenzene	22.2	0.50	ug/L	20.0		111	77-134	5.65	30	
1,2,4-Trichlorobenzene	21.2	0.50	ug/L	20.0		106	84-128	8.27	30	
1,1,1-Trichloroethane	20.7	0.50	ug/L	20.0		103	66-158	0.674	30	
1,1,2-Trichloroethane	21.8	0.50	ug/L	20.0		109	75-115	1.39	30	
Trichloroethylene (TCE)	20.7	0.50	ug/L	20.0		103	82-128	3.34	30	
Trichlorofluoromethane (R11)	24.8	0.50	ug/L	20.0		124	65-137	0.202	30	
1,2,3-Trichloropropane	20.9	0.50	ug/L	20.0		105	68-123	6.92	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.4	0.50	ug/L	20.0		96.8	62-130	0.414	30	
1,3,5-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	70-130	0.725	30	
1,2,4-Trimethylbenzene	20.7	0.50	ug/L	20.0		104	70-130	1.39	30	
Vinyl chloride	22.2	0.50	ug/L	20.0		111	51-151	4.19	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
LCS Dup (B1E1710-BSD1) Continued										
				Prepared: 05/17/21 Analyzed: 05/18/21						
o-Xylene	21.2	0.50	ug/L	20.0		106	70-130	2.05	30	
m,p-Xylenes	42.0	1.0	ug/L	40.0		105	70-130	2.03	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.0</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.5</i>	<i>83-134</i>			
Matrix Spike (B1E1710-MS1) Source: 1E07003-15										
				Prepared & Analyzed: 05/17/21						
Acetone	23.5	10	ug/L	20.0		118	11-169			
tert-Amyl-Methyl Ether (TAME)	18.3	2.0	ug/L	20.0		91.4	66-133			
Benzene	20.0	0.50	ug/L	20.0		99.9	56-135			
Bromobenzene	20.4	0.50	ug/L	20.0		102	70-130			
Bromochloromethane	21.0	0.50	ug/L	20.0		105	74-125			
Bromodichloromethane	21.9	0.50	ug/L	20.0		110	68-144			
Bromoform	21.7	0.50	ug/L	20.0		108	68-151			
Bromomethane	17.6	0.50	ug/L	20.0		88.2	54-142			
2-Butanone (MEK)	21.5	10	ug/L	20.0		107	62-145			
tert-Butyl Alcohol (TBA)	95.6	10	ug/L	100		95.6	73-162			
sec-Butylbenzene	20.1	0.50	ug/L	20.0		100	84-145			
tert-Butylbenzene	20.1	0.50	ug/L	20.0		101	70-130			
n-Butylbenzene	20.2	0.50	ug/L	20.0		101	70-130			
Carbon Disulfide	20.3	0.50	ug/L	20.0	0.290	100	28-151			
Carbon Tetrachloride	21.8	0.50	ug/L	20.0		109	58-164			
Chlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Chloroethane	27.2	0.50	ug/L	20.0		136	42-164			
Chloroform	20.5	0.50	ug/L	20.0		102	65-138			
Chloromethane	21.7	0.50	ug/L	20.0		109	50-152			
2-Chlorotoluene	19.8	0.50	ug/L	20.0		99.0	70-130			
4-Chlorotoluene	19.8	0.50	ug/L	20.0		99.0	70-130			
1,2-Dibromo-3-chloropropane	20.5	1.0	ug/L	20.0		102	53-161			
Dibromochloromethane	22.5	0.50	ug/L	20.0		112	70-130			
1,2-Dibromoethane (EDB)	22.7	0.50	ug/L	20.0		114	76-130			
Dibromomethane	22.3	0.50	ug/L	20.0		112	62-135			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Matrix Spike (B1E1710-MS1) Continued Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
1,3-Dichlorobenzene	20.0	0.50	ug/L	20.0		100	70-130			
1,2-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130			
1,4-Dichlorobenzene	20.1	0.50	ug/L	20.0		100	70-130			
Dichlorodifluoromethane (R12)	23.6	0.50	ug/L	20.0		118	17-153			
1,1-Dichloroethane	19.0	0.50	ug/L	20.0		95.0	55-131			
1,2-Dichloroethane (EDC)	19.6	0.50	ug/L	20.0		98.2	52-168			
1,1-Dichloroethylene	18.7	0.50	ug/L	20.0		93.6	51-140			
trans-1,2-Dichloroethylene	19.8	0.50	ug/L	20.0		99.2	59-127			
cis-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	70-130			
1,2-Dichloropropane	20.3	0.50	ug/L	20.0		101	52-142			
2,2-Dichloropropane	18.9	0.50	ug/L	20.0		94.6	36-168			
1,3-Dichloropropane	21.1	0.50	ug/L	20.0		106	80-121			
cis-1,3-Dichloropropylene	20.7	0.50	ug/L	20.0		103	66-130			
trans-1,3-Dichloropropylene	20.1	0.50	ug/L	20.0		101	78-130			
1,1-Dichloropropylene	19.6	0.50	ug/L	20.0		98.2	76-132			
Diisopropyl ether (DIPE)	19.8	2.0	ug/L	20.0		99.0	52-138			
Ethylbenzene	21.0	0.50	ug/L	20.0		105	86-128			
Ethyl-tert-Butyl Ether (ETBE)	19.9	2.0	ug/L	20.0		99.4	64-137			
Hexachlorobutadiene	19.2	1.0	ug/L	20.0		96.0	70-130			
2-Hexanone (MBK)	18.0	10	ug/L	20.0		90.2	52-141			
Isopropylbenzene	20.1	0.50	ug/L	20.0		100	70-130			
4-Isopropyltoluene	20.1	1.0	ug/L	20.0		100	83-149			
Methyl-tert-Butyl Ether (MTBE)	44.7	1.2	ug/L	40.0		112	56-150			
Methylene Chloride	19.9	5.0	ug/L	20.0		99.4	70-130			
4-Methyl-2-pentanone (MIBK)	21.5	10	ug/L	20.0		108	60-148			
Naphthalene	22.8	2.0	ug/L	20.0		114	70-130			
n-Propylbenzene	20.0	0.50	ug/L	20.0		100	70-130			
Styrene	20.7	0.50	ug/L	20.0		104	65-141			
1,1,1,2-Tetrachloroethane	20.9	0.50	ug/L	20.0		104	70-130			
1,1,2,2-Tetrachloroethane	23.3	0.50	ug/L	20.0		117	62-134			
Tetrachloroethylene (PCE)	19.9	0.50	ug/L	20.0		99.3	70-130			
Toluene	19.9	0.50	ug/L	20.0		99.4	81-123			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B

Matrix Spike (B1E1710-MS1) Continued Source: 1E07003-15 Prepared & Analyzed: 05/17/21

1,2,3-Trichlorobenzene	21.8	0.50	ug/L	20.0		109	73-144			
1,2,4-Trichlorobenzene	21.5	0.50	ug/L	20.0		107	80-137			
1,1,1-Trichloroethane	20.5	0.50	ug/L	20.0		102	62-164			
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0		111	76-122			
Trichloroethylene (TCE)	20.3	0.50	ug/L	20.0		101	72-136			
Trichlorofluoromethane (R11)	24.6	0.50	ug/L	20.0		123	59-144			
1,2,3-Trichloropropane	22.0	0.50	ug/L	20.0		110	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0		96.4	62-126			
1,3,5-Trimethylbenzene	19.9	0.50	ug/L	20.0		99.6	70-130			
1,2,4-Trimethylbenzene	20.0	0.50	ug/L	20.0		100	89-134			
Vinyl chloride	22.7	0.50	ug/L	20.0		113	54-150			
o-Xylene	20.8	0.50	ug/L	20.0		104	70-130			
m,p-Xylenes	41.7	1.0	ug/L	40.0		104	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	48.4		ug/L	50.0		96.8	80-129			
<i>Surrogate: Dibromofluoromethane</i>	51.2		ug/L	50.0		102	68-137			
<i>Surrogate: Toluene-d8</i>	49.7		ug/L	50.0		99.5	83-134			

Matrix Spike Dup (B1E1710-MSD1) Source: 1E07003-15 Prepared & Analyzed: 05/17/21

Acetone	23.0	10	ug/L	20.0		115	11-169	2.11	30	
tert-Amyl-Methyl Ether (TAME)	18.3	2.0	ug/L	20.0		91.3	66-133	0.109	30	
Benzene	20.5	0.50	ug/L	20.0		103	56-135	2.76	30	
Bromobenzene	21.4	0.50	ug/L	20.0		107	70-130	4.55	30	
Bromochloromethane	21.2	0.50	ug/L	20.0		106	74-125	0.663	30	
Bromodichloromethane	21.7	0.50	ug/L	20.0		108	68-144	1.01	30	
Bromoform	22.0	0.50	ug/L	20.0		110	68-151	1.19	30	
Bromomethane	19.9	0.50	ug/L	20.0		99.4	54-142	12.0	30	
2-Butanone (MEK)	21.1	10	ug/L	20.0		105	62-145	1.97	30	
tert-Butyl Alcohol (TBA)	94.7	10	ug/L	100		94.7	73-162	0.967	30	
sec-Butylbenzene	20.6	0.50	ug/L	20.0		103	84-145	2.65	30	
tert-Butylbenzene	21.0	0.50	ug/L	20.0		105	70-130	4.18	30	
n-Butylbenzene	20.7	0.50	ug/L	20.0		104	70-130	2.54	30	

Stuart Sigman
Project Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Matrix Spike Dup (B1E1710-MSD1) Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
Continued										
Carbon Disulfide	20.4	0.50	ug/L	20.0	0.290	100	28-151	0.0983	30	
Carbon Tetrachloride	22.4	0.50	ug/L	20.0		112	58-164	2.85	30	
Chlorobenzene	21.2	0.50	ug/L	20.0		106	70-130	2.73	30	
Chloroethane	27.4	0.50	ug/L	20.0		137	42-164	0.660	30	
Chloroform	20.4	0.50	ug/L	20.0		102	65-138	0.538	30	
Chloromethane	22.2	0.50	ug/L	20.0		111	50-152	2.28	30	
2-Chlorotoluene	20.1	0.50	ug/L	20.0		101	70-130	1.70	30	
4-Chlorotoluene	20.3	0.50	ug/L	20.0		101	70-130	2.44	30	
1,2-Dibromo-3-chloropropane	22.5	1.0	ug/L	20.0		112	53-161	9.36	30	
Dibromochloromethane	22.5	0.50	ug/L	20.0		113	70-130	0.267	30	
1,2-Dibromoethane (EDB)	22.7	0.50	ug/L	20.0		113	76-130	0.264	30	
Dibromomethane	22.0	0.50	ug/L	20.0		110	62-135	1.26	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	1.78	30	
1,2-Dichlorobenzene	21.5	0.50	ug/L	20.0		108	70-130	1.64	30	
1,4-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130	2.56	30	
Dichlorodifluoromethane (R12)	23.6	0.50	ug/L	20.0		118	17-153	0.127	30	
1,1-Dichloroethane	19.5	0.50	ug/L	20.0		97.4	55-131	2.44	30	
1,2-Dichloroethane (EDC)	20.1	0.50	ug/L	20.0		100	52-168	2.11	30	
1,1-Dichloroethylene	18.9	0.50	ug/L	20.0		94.7	51-140	1.22	30	
trans-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		101	59-127	1.40	30	
cis-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	70-130	0.294	30	
1,2-Dichloropropane	20.7	0.50	ug/L	20.0		104	52-142	2.24	30	
2,2-Dichloropropane	18.3	0.50	ug/L	20.0		91.4	36-168	3.39	30	
1,3-Dichloropropane	21.7	0.50	ug/L	20.0		109	80-121	2.85	30	
cis-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	66-130	0.386	30	
trans-1,3-Dichloropropylene	20.4	0.50	ug/L	20.0		102	78-130	1.43	30	
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		99.8	76-132	1.72	30	
Diisopropyl ether (DIPE)	19.6	2.0	ug/L	20.0		98.2	52-138	0.811	30	
Ethylbenzene	21.4	0.50	ug/L	20.0		107	86-128	2.22	30	
Ethyl-tert-Butyl Ether (ETBE)	20.0	2.0	ug/L	20.0		99.9	64-137	0.552	30	
Hexachlorobutadiene	19.9	1.0	ug/L	20.0		99.4	70-130	3.38	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Matrix Spike Dup (B1E1710-MSD1) Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
Continued										
2-Hexanone (MBK)	18.1	10	ug/L	20.0		90.4	52-141	0.166	30	
Isopropylbenzene	20.9	0.50	ug/L	20.0		104	70-130	3.86	30	
4-Isopropyltoluene	20.8	1.0	ug/L	20.0		104	83-149	3.38	30	
Methyl-tert-Butyl Ether (MTBE)	44.5	1.2	ug/L	40.0		111	56-150	0.359	30	
Methylene Chloride	20.1	5.0	ug/L	20.0		101	70-130	1.15	30	
4-Methyl-2-pentanone (MIBK)	23.1	10	ug/L	20.0		116	60-148	6.99	30	
Naphthalene	24.1	2.0	ug/L	20.0		121	70-130	5.76	30	
n-Propylbenzene	20.6	0.50	ug/L	20.0		103	70-130	2.86	30	
Styrene	21.3	0.50	ug/L	20.0		107	65-141	2.76	30	
1,1,1,2-Tetrachloroethane	21.5	0.50	ug/L	20.0		107	70-130	2.88	30	
1,1,2,2-Tetrachloroethane	24.0	0.50	ug/L	20.0		120	62-134	2.96	30	
Tetrachloroethylene (PCE)	20.2	0.50	ug/L	20.0		101	70-130	1.90	30	
Toluene	20.3	0.50	ug/L	20.0		102	81-123	2.19	30	
1,2,3-Trichlorobenzene	21.7	0.50	ug/L	20.0		108	73-144	0.689	30	
1,2,4-Trichlorobenzene	21.4	0.50	ug/L	20.0		107	80-137	0.560	30	
1,1,1-Trichloroethane	21.0	0.50	ug/L	20.0		105	62-164	2.17	30	
1,1,2-Trichloroethane	22.0	0.50	ug/L	20.0		110	76-122	0.589	30	
Trichloroethylene (TCE)	20.4	0.50	ug/L	20.0		102	72-136	0.884	30	
Trichlorofluoromethane (R11)	24.5	0.50	ug/L	20.0		123	59-144	0.122	30	
1,2,3-Trichloropropane	22.7	0.50	ug/L	20.0		113	69-135	3.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.4	0.50	ug/L	20.0		96.8	62-126	0.362	30	
1,3,5-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130	2.97	30	
1,2,4-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	89-134	2.66	30	
Vinyl chloride	22.6	0.50	ug/L	20.0		113	54-150	0.398	30	
o-Xylene	21.5	0.50	ug/L	20.0		107	70-130	3.27	30	
m,p-Xylenes	42.1	1.0	ug/L	40.0		105	70-130	0.787	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.1</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>103</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Blank (B1E1710-BLK1)										
Prepared & Analyzed: 05/17/21										
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							

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Blank (B1E1710-BLK1) Continued										
Prepared & Analyzed: 05/17/21										
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							

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Blank (B1E1710-BLK1) Continued										
Prepared & Analyzed: 05/17/21										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.4</i>	<i>83-134</i>			
LCS (B1E1710-BS1)										
Prepared & Analyzed: 05/17/21										
Acetone	19.5	10	ug/L	20.0		97.4	27-123			
tert-Amyl-Methyl Ether (TAME)	18.6	2.0	ug/L	20.0		92.8	58-133			
Benzene	19.4	0.50	ug/L	20.0		97.0	60-134			
Bromobenzene	21.3	0.50	ug/L	20.0		107	70-130			
Bromochloromethane	21.0	0.50	ug/L	20.0		105	78-121			
Bromodichloromethane	21.4	0.50	ug/L	20.0		107	74-135			
Bromoform	22.5	0.50	ug/L	20.0		112	68-132			
Bromomethane	17.2	0.50	ug/L	20.0		86.0	58-142			
2-Butanone (MEK)	20.3	10	ug/L	20.0		101	62-138			
tert-Butyl Alcohol (TBA)	98.1	10	ug/L	100		98.1	65-148			
sec-Butylbenzene	20.7	0.50	ug/L	20.0		103	84-142			
tert-Butylbenzene	21.1	0.50	ug/L	20.0		106	70-130			
n-Butylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
Carbon Disulfide	19.8	0.50	ug/L	20.0		99.0	17-177			
Carbon Tetrachloride	22.4	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	21.2	0.50	ug/L	20.0		106	70-130			
Chloroethane	16.4	0.50	ug/L	20.0		82.2	45-166			
Chloroform	20.5	0.50	ug/L	20.0		102	71-131			
Chloromethane	21.4	0.50	ug/L	20.0		107	48-152			
2-Chlorotoluene	20.1	0.50	ug/L	20.0		100	70-130			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
LCS (B1E1710-BS1) Continued										
Prepared & Analyzed: 05/17/21										
4-Chlorotoluene	20.4	0.50	ug/L	20.0		102	70-130			
1,2-Dibromo-3-chloropropane	19.6	1.0	ug/L	20.0		98.1	53-145			
Dibromochloromethane	22.6	0.50	ug/L	20.0		113	72-133			
1,2-Dibromoethane (EDB)	22.2	0.50	ug/L	20.0		111	79-120			
Dibromomethane	20.7	0.50	ug/L	20.0		104	68-124			
1,3-Dichlorobenzene	20.9	0.50	ug/L	20.0		104	70-130			
1,2-Dichlorobenzene	22.1	0.50	ug/L	20.0		111	70-130			
1,4-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130			
Dichlorodifluoromethane (R12)	23.0	0.50	ug/L	20.0		115	16-148			
1,1-Dichloroethane	18.7	0.50	ug/L	20.0		93.5	67-120			
1,2-Dichloroethane (EDC)	20.0	0.50	ug/L	20.0		100	57-156			
1,1-Dichloroethylene	18.6	0.50	ug/L	20.0		93.2	50-149			
trans-1,2-Dichloroethylene	20.0	0.50	ug/L	20.0		100	66-126			
cis-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		100	70-124			
1,2-Dichloropropane	19.5	0.50	ug/L	20.0		97.4	53-139			
2,2-Dichloropropane	22.5	0.50	ug/L	20.0		113	44-162			
1,3-Dichloropropane	21.2	0.50	ug/L	20.0		106	79-113			
cis-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	67-127			
trans-1,3-Dichloropropylene	20.6	0.50	ug/L	20.0		103	76-121			
1,1-Dichloropropylene	19.8	0.50	ug/L	20.0		99.0	84-124			
Diisopropyl ether (DIPE)	19.0	2.0	ug/L	20.0		95.0	51-136			
Ethylbenzene	21.1	0.50	ug/L	20.0		105	86-124			
Ethyl-tert-Butyl Ether (ETBE)	19.3	2.0	ug/L	20.0		96.5	62-136			
Hexachlorobutadiene	21.1	1.0	ug/L	20.0		106	76-140			
2-Hexanone (MBK)	17.3	10	ug/L	20.0		86.4	52-123			
Isopropylbenzene	20.7	0.50	ug/L	20.0		103	70-130			
4-Isopropyltoluene	21.2	1.0	ug/L	20.0		106	70-130			
Methyl-tert-Butyl Ether (MTBE)	42.5	1.2	ug/L	40.0		106	58-144			
Methylene Chloride	20.7	5.0	ug/L	20.0		103	50-135			
4-Methyl-2-pentanone (MIBK)	22.4	10	ug/L	20.0		112	49-139			
Naphthalene	24.0	2.0	ug/L	20.0		120	74-128			
n-Propylbenzene	20.5	0.50	ug/L	20.0		102	70-130			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B

LCS (B1E1710-BS1) Continued

Prepared & Analyzed: 05/17/21

Styrene	21.6	0.50	ug/L	20.0		108	84-123			
1,1,1,2-Tetrachloroethane	21.7	0.50	ug/L	20.0		109	70-130			
1,1,2,2-Tetrachloroethane	22.9	0.50	ug/L	20.0		115	58-126			
Tetrachloroethylene (PCE)	20.8	0.50	ug/L	20.0		104	70-130			
Toluene	19.8	0.50	ug/L	20.0		99.1	83-118			
1,2,3-Trichlorobenzene	23.5	0.50	ug/L	20.0		117	77-134			
1,2,4-Trichlorobenzene	23.0	0.50	ug/L	20.0		115	84-128			
1,1,1-Trichloroethane	20.8	0.50	ug/L	20.0		104	66-158			
1,1,2-Trichloroethane	21.5	0.50	ug/L	20.0		107	75-115			
Trichloroethylene (TCE)	20.0	0.50	ug/L	20.0		100	82-128			
Trichlorofluoromethane (R11)	24.7	0.50	ug/L	20.0		124	65-137			
1,2,3-Trichloropropane	22.4	0.50	ug/L	20.0		112	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0		96.4	62-130			
1,3,5-Trimethylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
1,2,4-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
Vinyl chloride	21.3	0.50	ug/L	20.0		106	51-151			
o-Xylene	21.7	0.50	ug/L	20.0		108	70-130			
m,p-Xylenes	42.9	1.0	ug/L	40.0		107	70-130			
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Surrogate: 4-Bromofluorobenzene	48.3		ug/L	50.0		96.7	80-129			
Surrogate: Dibromofluoromethane	51.0		ug/L	50.0		102	68-137			
Surrogate: Toluene-d8	48.6		ug/L	50.0		97.2	83-134			

LCS Dup (B1E1710-BSD1)

Prepared: 05/17/21 Analyzed: 05/18/21

Acetone	20.8	10	ug/L	20.0		104	27-123	6.70	30	
tert-Amyl-Methyl Ether (TAME)	18.1	2.0	ug/L	20.0		90.4	58-133	2.67	30	
Benzene	20.0	0.50	ug/L	20.0		99.8	60-134	2.84	30	
Bromobenzene	20.9	0.50	ug/L	20.0		104	70-130	2.18	30	
Bromochloromethane	21.0	0.50	ug/L	20.0		105	78-121	0.190	30	
Bromodichloromethane	21.6	0.50	ug/L	20.0		108	74-135	0.932	30	
Bromoform	21.4	0.50	ug/L	20.0		107	68-132	5.15	30	
Bromomethane	20.1	0.50	ug/L	20.0		101	58-142	15.7	30	

Stuart Sigman
Project Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
LCS Dup (B1E1710-BSD1) Continued										
				Prepared: 05/17/21 Analyzed: 05/18/21						
2-Butanone (MEK)	21.1	10	ug/L	20.0		105	62-138	3.87	30	
tert-Butyl Alcohol (TBA)	98.6	10	ug/L	100		98.6	65-148	0.508	30	
sec-Butylbenzene	20.6	0.50	ug/L	20.0		103	84-142	0.436	30	
tert-Butylbenzene	20.7	0.50	ug/L	20.0		104	70-130	1.82	30	
n-Butylbenzene	20.4	0.50	ug/L	20.0		102	70-130	1.07	30	
Carbon Disulfide	20.3	0.50	ug/L	20.0		102	17-177	2.64	30	
Carbon Tetrachloride	21.9	0.50	ug/L	20.0		110	66-155	2.43	30	
Chlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	2.62	30	
Chloroethane	25.3	0.50	ug/L	20.0		126	45-166	42.5	30	QR-02
Chloroform	20.5	0.50	ug/L	20.0		103	71-131	0.195	30	
Chloromethane	21.7	0.50	ug/L	20.0		109	48-152	1.25	30	
2-Chlorotoluene	20.1	0.50	ug/L	20.0		101	70-130	0.149	30	
4-Chlorotoluene	20.2	0.50	ug/L	20.0		101	70-130	1.04	30	
1,2-Dibromo-3-chloropropane	18.8	1.0	ug/L	20.0		93.9	53-145	4.38	30	
Dibromochloromethane	21.8	0.50	ug/L	20.0		109	72-133	3.74	30	
1,2-Dibromoethane (EDB)	21.8	0.50	ug/L	20.0		109	79-120	1.77	30	
Dibromomethane	21.5	0.50	ug/L	20.0		108	68-124	3.74	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	2.52	30	
1,2-Dichlorobenzene	21.5	0.50	ug/L	20.0		107	70-130	2.98	30	
1,4-Dichlorobenzene	20.2	0.50	ug/L	20.0		101	70-130	4.03	30	
Dichlorodifluoromethane (R12)	24.4	0.50	ug/L	20.0		122	16-148	6.33	30	
1,1-Dichloroethane	19.4	0.50	ug/L	20.0		97.0	67-120	3.73	30	
1,2-Dichloroethane (EDC)	19.5	0.50	ug/L	20.0		97.7	57-156	2.48	30	
1,1-Dichloroethylene	18.6	0.50	ug/L	20.0		93.2	50-149	0.00	30	
trans-1,2-Dichloroethylene	19.9	0.50	ug/L	20.0		99.5	66-126	0.501	30	
cis-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0		103	70-124	2.66	30	
1,2-Dichloropropane	20.6	0.50	ug/L	20.0		103	53-139	5.34	30	
2,2-Dichloropropane	19.8	0.50	ug/L	20.0		99.0	44-162	12.8	30	
1,3-Dichloropropane	20.6	0.50	ug/L	20.0		103	79-113	3.11	30	
cis-1,3-Dichloropropylene	20.3	0.50	ug/L	20.0		102	67-127	2.63	30	
trans-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0		100	76-121	2.46	30	
1,1-Dichloropropylene	19.9	0.50	ug/L	20.0		99.7	84-124	0.755	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
LCS Dup (B1E1710-BSD1) Continued										
					Prepared: 05/17/21 Analyzed: 05/18/21					
Diisopropyl ether (DIPE)	19.8	2.0	ug/L	20.0		98.8	51-136	3.87	30	
Ethylbenzene	21.2	0.50	ug/L	20.0		106	86-124	0.568	30	
Ethyl-tert-Butyl Ether (ETBE)	19.6	2.0	ug/L	20.0		97.8	62-136	1.34	30	
Hexachlorobutadiene	20.0	1.0	ug/L	20.0		99.9	76-140	5.45	30	
2-Hexanone (MBK)	16.7	10	ug/L	20.0		83.4	52-123	3.53	30	
Isopropylbenzene	20.8	0.50	ug/L	20.0		104	70-130	0.386	30	
4-Isopropyltoluene	20.5	1.0	ug/L	20.0		103	70-130	2.97	30	
Methyl-tert-Butyl Ether (MTBE)	42.6	1.2	ug/L	40.0		106	58-144	0.141	30	
Methylene Chloride	20.3	5.0	ug/L	20.0		102	50-135	1.61	30	
4-Methyl-2-pentanone (MIBK)	21.0	10	ug/L	20.0		105	49-139	6.44	30	
Naphthalene	22.0	2.0	ug/L	20.0		110	74-128	8.90	30	
n-Propylbenzene	20.5	0.50	ug/L	20.0		103	70-130	0.195	30	
Styrene	21.3	0.50	ug/L	20.0		106	84-123	1.49	30	
1,1,1,2-Tetrachloroethane	21.3	0.50	ug/L	20.0		107	70-130	1.95	30	
1,1,2,2-Tetrachloroethane	22.4	0.50	ug/L	20.0		112	58-126	2.47	30	
Tetrachloroethylene (PCE)	20.3	0.50	ug/L	20.0		102	70-130	2.48	30	
Toluene	20.1	0.50	ug/L	20.0		101	83-118	1.50	30	
1,2,3-Trichlorobenzene	22.2	0.50	ug/L	20.0		111	77-134	5.65	30	
1,2,4-Trichlorobenzene	21.2	0.50	ug/L	20.0		106	84-128	8.27	30	
1,1,1-Trichloroethane	20.7	0.50	ug/L	20.0		103	66-158	0.674	30	
1,1,2-Trichloroethane	21.8	0.50	ug/L	20.0		109	75-115	1.39	30	
Trichloroethylene (TCE)	20.7	0.50	ug/L	20.0		103	82-128	3.34	30	
Trichlorofluoromethane (R11)	24.8	0.50	ug/L	20.0		124	65-137	0.202	30	
1,2,3-Trichloropropane	20.9	0.50	ug/L	20.0		105	68-123	6.92	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.4	0.50	ug/L	20.0		96.8	62-130	0.414	30	
1,3,5-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	70-130	0.725	30	
1,2,4-Trimethylbenzene	20.7	0.50	ug/L	20.0		104	70-130	1.39	30	
Vinyl chloride	22.2	0.50	ug/L	20.0		111	51-151	4.19	30	
o-Xylene	21.2	0.50	ug/L	20.0		106	70-130	2.05	30	
m,p-Xylenes	42.0	1.0	ug/L	40.0		105	70-130	2.03	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B

LCS Dup (B1E1710-BSD1) Continued

Prepared: 05/17/21 Analyzed: 05/18/21

Surrogate: 4-Bromofluorobenzene	48.5		ug/L	50.0		97.0	80-129			
Surrogate: Dibromofluoromethane	50.8		ug/L	50.0		102	68-137			
Surrogate: Toluene-d8	49.7		ug/L	50.0		99.5	83-134			

Matrix Spike (B1E1710-MS1)

Source: 1E07003-15 Prepared & Analyzed: 05/17/21

Acetone	23.5	10	ug/L	20.0	<10	118	11-169			
tert-Amyl-Methyl Ether (TAME)	18.3	2.0	ug/L	20.0	<2.0	91.4	66-133			
Benzene	20.0	0.50	ug/L	20.0	<0.50	99.9	56-135			
Bromobenzene	20.4	0.50	ug/L	20.0	<0.50	102	70-130			
Bromochloromethane	21.0	0.50	ug/L	20.0	<0.50	105	74-125			
Bromodichloromethane	21.9	0.50	ug/L	20.0	<0.50	110	68-144			
Bromoform	21.7	0.50	ug/L	20.0	<0.50	108	68-151			
Bromomethane	17.6	0.50	ug/L	20.0	<0.50	88.2	54-142			
2-Butanone (MEK)	21.5	10	ug/L	20.0	<10	107	62-145			
tert-Butyl Alcohol (TBA)	95.6	10	ug/L	100	<10	95.6	73-162			
sec-Butylbenzene	20.1	0.50	ug/L	20.0	<0.50	100	84-145			
tert-Butylbenzene	20.1	0.50	ug/L	20.0	<0.50	101	70-130			
n-Butylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	70-130			
Carbon Disulfide	20.3	0.50	ug/L	20.0	0.290	100	28-151			
Carbon Tetrachloride	21.8	0.50	ug/L	20.0	<0.50	109	58-164			
Chlorobenzene	20.6	0.50	ug/L	20.0	<0.50	103	70-130			
Chloroethane	27.2	0.50	ug/L	20.0	<0.50	136	42-164			
Chloroform	20.5	0.50	ug/L	20.0	<0.50	102	65-138			
Chloromethane	21.7	0.50	ug/L	20.0	<0.50	109	50-152			
2-Chlorotoluene	19.8	0.50	ug/L	20.0	<0.50	99.0	70-130			
4-Chlorotoluene	19.8	0.50	ug/L	20.0	<0.50	99.0	70-130			
1,2-Dibromo-3-chloropropane	20.5	1.0	ug/L	20.0	<1.0	102	53-161			
Dibromochloromethane	22.5	0.50	ug/L	20.0	<0.50	112	70-130			
1,2-Dibromoethane (EDB)	22.7	0.50	ug/L	20.0	<0.50	114	76-130			
Dibromomethane	22.3	0.50	ug/L	20.0	<0.50	112	62-135			
1,3-Dichlorobenzene	20.0	0.50	ug/L	20.0	<0.50	100	70-130			
1,2-Dichlorobenzene	21.2	0.50	ug/L	20.0	<0.50	106	70-130			
1,4-Dichlorobenzene	20.1	0.50	ug/L	20.0	<0.50	100	70-130			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Matrix Spike (B1E1710-MS1) Continued Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
Dichlorodifluoromethane (R12)	23.6	0.50	ug/L	20.0	<0.50	118	17-153			
1,1-Dichloroethane	19.0	0.50	ug/L	20.0	<0.50	95.0	55-131			
1,2-Dichloroethane (EDC)	19.6	0.50	ug/L	20.0	<0.50	98.2	52-168			
1,1-Dichloroethylene	18.7	0.50	ug/L	20.0	<0.50	93.6	51-140			
trans-1,2-Dichloroethylene	19.8	0.50	ug/L	20.0	<0.50	99.2	59-127			
cis-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0	<0.50	102	70-130			
1,2-Dichloropropane	20.3	0.50	ug/L	20.0	<0.50	101	52-142			
2,2-Dichloropropane	18.9	0.50	ug/L	20.0	<0.50	94.6	36-168			
1,3-Dichloropropane	21.1	0.50	ug/L	20.0	<0.50	106	80-121			
cis-1,3-Dichloropropylene	20.7	0.50	ug/L	20.0	<0.50	103	66-130			
trans-1,3-Dichloropropylene	20.1	0.50	ug/L	20.0	<0.50	101	78-130			
1,1-Dichloropropylene	19.6	0.50	ug/L	20.0	<0.50	98.2	76-132			
Diisopropyl ether (DIPE)	19.8	2.0	ug/L	20.0	<2.0	99.0	52-138			
Ethylbenzene	21.0	0.50	ug/L	20.0	<0.50	105	86-128			
Ethyl-tert-Butyl Ether (ETBE)	19.9	2.0	ug/L	20.0	<2.0	99.4	64-137			
Hexachlorobutadiene	19.2	1.0	ug/L	20.0	<1.0	96.0	70-130			
2-Hexanone (MBK)	18.0	10	ug/L	20.0	<10	90.2	52-141			
Isopropylbenzene	20.1	0.50	ug/L	20.0	<0.50	100	70-130			
4-Isopropyltoluene	20.1	1.0	ug/L	20.0	<1.0	100	83-149			
Methyl-tert-Butyl Ether (MTBE)	44.7	1.2	ug/L	40.0	<1.2	112	56-150			
Methylene Chloride	19.9	5.0	ug/L	20.0	<5.0	99.4	70-130			
4-Methyl-2-pentanone (MIBK)	21.5	10	ug/L	20.0	<10	108	60-148			
Naphthalene	22.8	2.0	ug/L	20.0	<2.0	114	70-130			
n-Propylbenzene	20.0	0.50	ug/L	20.0	<0.50	100	70-130			
Styrene	20.7	0.50	ug/L	20.0	<0.50	104	65-141			
1,1,1,2-Tetrachloroethane	20.9	0.50	ug/L	20.0	<0.50	104	70-130			
1,1,2,2-Tetrachloroethane	23.3	0.50	ug/L	20.0	<0.50	117	62-134			
Tetrachloroethylene (PCE)	19.9	0.50	ug/L	20.0	<0.50	99.3	70-130			
Toluene	19.9	0.50	ug/L	20.0	<0.50	99.4	81-123			
1,2,3-Trichlorobenzene	21.8	0.50	ug/L	20.0	<0.50	109	73-144			
1,2,4-Trichlorobenzene	21.5	0.50	ug/L	20.0	<0.50	107	80-137			
1,1,1-Trichloroethane	20.5	0.50	ug/L	20.0	<0.50	102	62-164			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Matrix Spike (B1E1710-MS1) Continued Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0	<0.50	111	76-122			
Trichloroethylene (TCE)	20.3	0.50	ug/L	20.0	<0.50	101	72-136			
Trichlorofluoromethane (R11)	24.6	0.50	ug/L	20.0	<0.50	123	59-144			
1,2,3-Trichloropropane	22.0	0.50	ug/L	20.0	<0.50	110	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0	<0.50	96.4	62-126			
1,3,5-Trimethylbenzene	19.9	0.50	ug/L	20.0	<0.50	99.6	70-130			
1,2,4-Trimethylbenzene	20.0	0.50	ug/L	20.0	<0.50	100	89-134			
Vinyl chloride	22.7	0.50	ug/L	20.0	<0.50	113	54-150			
o-Xylene	20.8	0.50	ug/L	20.0	<0.50	104	70-130			
m,p-Xylenes	41.7	1.0	ug/L	40.0	<1.0	104	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.8</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.5</i>	<i>83-134</i>			
Matrix Spike Dup (B1E1710-MSD1) Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
Acetone	23.0	10	ug/L	20.0	<10	115	11-169	2.11	30	
tert-Amyl-Methyl Ether (TAME)	18.3	2.0	ug/L	20.0	<2.0	91.3	66-133	0.109	30	
Benzene	20.5	0.50	ug/L	20.0	<0.50	103	56-135	2.76	30	
Bromobenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130	4.55	30	
Bromochloromethane	21.2	0.50	ug/L	20.0	<0.50	106	74-125	0.663	30	
Bromodichloromethane	21.7	0.50	ug/L	20.0	<0.50	108	68-144	1.01	30	
Bromoform	22.0	0.50	ug/L	20.0	<0.50	110	68-151	1.19	30	
Bromomethane	19.9	0.50	ug/L	20.0	<0.50	99.4	54-142	12.0	30	
2-Butanone (MEK)	21.1	10	ug/L	20.0	<10	105	62-145	1.97	30	
tert-Butyl Alcohol (TBA)	94.7	10	ug/L	100	<10	94.7	73-162	0.967	30	
sec-Butylbenzene	20.6	0.50	ug/L	20.0	<0.50	103	84-145	2.65	30	
tert-Butylbenzene	21.0	0.50	ug/L	20.0	<0.50	105	70-130	4.18	30	
n-Butylbenzene	20.7	0.50	ug/L	20.0	<0.50	104	70-130	2.54	30	
Carbon Disulfide	20.4	0.50	ug/L	20.0	0.290	100	28-151	0.0983	30	
Carbon Tetrachloride	22.4	0.50	ug/L	20.0	<0.50	112	58-164	2.85	30	
Chlorobenzene	21.2	0.50	ug/L	20.0	<0.50	106	70-130	2.73	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Matrix Spike Dup (B1E1710-MSD1) Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
Continued										
Chloroethane	27.4	0.50	ug/L	20.0	<0.50	137	42-164	0.660	30	
Chloroform	20.4	0.50	ug/L	20.0	<0.50	102	65-138	0.538	30	
Chloromethane	22.2	0.50	ug/L	20.0	<0.50	111	50-152	2.28	30	
2-Chlorotoluene	20.1	0.50	ug/L	20.0	<0.50	101	70-130	1.70	30	
4-Chlorotoluene	20.3	0.50	ug/L	20.0	<0.50	101	70-130	2.44	30	
1,2-Dibromo-3-chloropropane	22.5	1.0	ug/L	20.0	<1.0	112	53-161	9.36	30	
Dibromochloromethane	22.5	0.50	ug/L	20.0	<0.50	113	70-130	0.267	30	
1,2-Dibromoethane (EDB)	22.7	0.50	ug/L	20.0	<0.50	113	76-130	0.264	30	
Dibromomethane	22.0	0.50	ug/L	20.0	<0.50	110	62-135	1.26	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0	<0.50	102	70-130	1.78	30	
1,2-Dichlorobenzene	21.5	0.50	ug/L	20.0	<0.50	108	70-130	1.64	30	
1,4-Dichlorobenzene	20.6	0.50	ug/L	20.0	<0.50	103	70-130	2.56	30	
Dichlorodifluoromethane (R12)	23.6	0.50	ug/L	20.0	<0.50	118	17-153	0.127	30	
1,1-Dichloroethane	19.5	0.50	ug/L	20.0	<0.50	97.4	55-131	2.44	30	
1,2-Dichloroethane (EDC)	20.1	0.50	ug/L	20.0	<0.50	100	52-168	2.11	30	
1,1-Dichloroethylene	18.9	0.50	ug/L	20.0	<0.50	94.7	51-140	1.22	30	
trans-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0	<0.50	101	59-127	1.40	30	
cis-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0	<0.50	102	70-130	0.294	30	
1,2-Dichloropropane	20.7	0.50	ug/L	20.0	<0.50	104	52-142	2.24	30	
2,2-Dichloropropane	18.3	0.50	ug/L	20.0	<0.50	91.4	36-168	3.39	30	
1,3-Dichloropropane	21.7	0.50	ug/L	20.0	<0.50	109	80-121	2.85	30	
cis-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0	<0.50	104	66-130	0.386	30	
trans-1,3-Dichloropropylene	20.4	0.50	ug/L	20.0	<0.50	102	78-130	1.43	30	
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0	<0.50	99.8	76-132	1.72	30	
Diisopropyl ether (DIPE)	19.6	2.0	ug/L	20.0	<2.0	98.2	52-138	0.811	30	
Ethylbenzene	21.4	0.50	ug/L	20.0	<0.50	107	86-128	2.22	30	
Ethyl-tert-Butyl Ether (ETBE)	20.0	2.0	ug/L	20.0	<2.0	99.9	64-137	0.552	30	
Hexachlorobutadiene	19.9	1.0	ug/L	20.0	<1.0	99.4	70-130	3.38	30	
2-Hexanone (MBK)	18.1	10	ug/L	20.0	<10	90.4	52-141	0.166	30	
Isopropylbenzene	20.9	0.50	ug/L	20.0	<0.50	104	70-130	3.86	30	
4-Isopropyltoluene	20.8	1.0	ug/L	20.0	<1.0	104	83-149	3.38	30	

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1710 - EPA 5030B</i>										
Matrix Spike Dup (B1E1710-MSD1) Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
Continued										
Methyl-tert-Butyl Ether (MTBE)	44.5	1.2	ug/L	40.0	<1.2	111	56-150	0.359	30	
Methylene Chloride	20.1	5.0	ug/L	20.0	<5.0	101	70-130	1.15	30	
4-Methyl-2-pentanone (MIBK)	23.1	10	ug/L	20.0	<10	116	60-148	6.99	30	
Naphthalene	24.1	2.0	ug/L	20.0	<2.0	121	70-130	5.76	30	
n-Propylbenzene	20.6	0.50	ug/L	20.0	<0.50	103	70-130	2.86	30	
Styrene	21.3	0.50	ug/L	20.0	<0.50	107	65-141	2.76	30	
1,1,1,2-Tetrachloroethane	21.5	0.50	ug/L	20.0	<0.50	107	70-130	2.88	30	
1,1,2,2-Tetrachloroethane	24.0	0.50	ug/L	20.0	<0.50	120	62-134	2.96	30	
Tetrachloroethylene (PCE)	20.2	0.50	ug/L	20.0	<0.50	101	70-130	1.90	30	
Toluene	20.3	0.50	ug/L	20.0	<0.50	102	81-123	2.19	30	
1,2,3-Trichlorobenzene	21.7	0.50	ug/L	20.0	<0.50	108	73-144	0.689	30	
1,2,4-Trichlorobenzene	21.4	0.50	ug/L	20.0	<0.50	107	80-137	0.560	30	
1,1,1-Trichloroethane	21.0	0.50	ug/L	20.0	<0.50	105	62-164	2.17	30	
1,1,2-Trichloroethane	22.0	0.50	ug/L	20.0	<0.50	110	76-122	0.589	30	
Trichloroethylene (TCE)	20.4	0.50	ug/L	20.0	<0.50	102	72-136	0.884	30	
Trichlorofluoromethane (R11)	24.5	0.50	ug/L	20.0	<0.50	123	59-144	0.122	30	
1,2,3-Trichloropropane	22.7	0.50	ug/L	20.0	<0.50	113	69-135	3.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.4	0.50	ug/L	20.0	<0.50	96.8	62-126	0.362	30	
1,3,5-Trimethylbenzene	20.5	0.50	ug/L	20.0	<0.50	103	70-130	2.97	30	
1,2,4-Trimethylbenzene	20.6	0.50	ug/L	20.0	<0.50	103	89-134	2.66	30	
Vinyl chloride	22.6	0.50	ug/L	20.0	<0.50	113	54-150	0.398	30	
o-Xylene	21.5	0.50	ug/L	20.0	<0.50	107	70-130	3.27	30	
m,p-Xylenes	42.1	1.0	ug/L	40.0	<1.0	105	70-130	0.787	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.1</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>103</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B1E1407 - EPA 3510C

Blank (B1E1407-BLK1)

Prepared: 05/13/21 Analyzed: 05/18/21

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1407 - EPA 3510C</i>									
Blank (B1E1407-BLK1) Continued				Prepared: 05/13/21 Analyzed: 05/18/21					
Diesel Range Organics as Diesel	<0.10	0.10	mg/L						
<i>Surrogate: o-Terphenyl</i>	<i>0.0502</i>		<i>mg/L</i>	<i>0.0400</i>		<i>126 50-150</i>			
LCS (B1E1407-BS1)				Prepared: 05/13/21 Analyzed: 05/18/21					
Diesel Range Organics as Diesel	0.486	0.10	mg/L	0.800		60.7 36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0469</i>		<i>mg/L</i>	<i>0.0400</i>		<i>117 50-150</i>			
LCS Dup (B1E1407-BSD1)				Prepared: 05/13/21 Analyzed: 05/18/21					
Diesel Range Organics as Diesel	0.475	0.10	mg/L	0.800		59.4 36-132	2.15	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0458</i>		<i>mg/L</i>	<i>0.0400</i>		<i>114 50-150</i>			
<i>Batch B1E1410 - EPA 3510C</i>									
Blank (B1E1410-BLK1)				Prepared: 05/14/21 Analyzed: 05/20/21					
Diesel Range Organics as Diesel	<0.10	0.10	mg/L						
<i>Surrogate: o-Terphenyl</i>	<i>0.0484</i>		<i>mg/L</i>	<i>0.0400</i>		<i>121 50-150</i>			
LCS (B1E1410-BS1)				Prepared: 05/14/21 Analyzed: 05/20/21					
Diesel Range Organics as Diesel	0.506	0.10	mg/L	0.800		63.2 36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0448</i>		<i>mg/L</i>	<i>0.0400</i>		<i>112 50-150</i>			
LCS Dup (B1E1410-BSD1)				Prepared: 05/14/21 Analyzed: 05/20/21					
Diesel Range Organics as Diesel	0.508	0.10	mg/L	0.800		63.5 36-132	0.518	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0460</i>		<i>mg/L</i>	<i>0.0400</i>		<i>115 50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control									
<i>Batch B1E1314 - *** DEFAULT PREP ***</i>									
Blank (B1E1314-BLK1)				Prepared & Analyzed: 05/13/21					
Gasoline Range Organics (GRO)	<100	100	ug/L						
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>42.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>85.2 80-120</i>			
LCS (B1E1314-BS1)				Prepared & Analyzed: 05/13/21					
Gasoline Range Organics (GRO)	445	100	ug/L	500		89.0 75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>50.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>101 80-120</i>			
LCS Dup (B1E1314-BSD1)				Prepared & Analyzed: 05/13/21					

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

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 B1E1314 - *** DEFAULT PREP ***</i>										
LCS Dup (B1E1314-BSD1) Continued				Prepared & Analyzed: 05/13/21						
Gasoline Range Organics (GRO)	471	100	ug/L	500		94.2	75-125	5.73	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>51.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>80-120</i>			
Matrix Spike (B1E1314-MS1)				Source: 1E07003-15 Prepared & Analyzed: 05/13/21						
Gasoline Range Organics (GRO)	410	100	ug/L	500	<100	82.1	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>46.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.7</i>	<i>80-120</i>			
Matrix Spike Dup (B1E1314-MSD1)				Source: 1E07003-15 Prepared & Analyzed: 05/13/21						
Gasoline Range Organics (GRO)	413	100	ug/L	500	<100	82.7	70-130	0.762	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>46.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.7</i>	<i>80-120</i>			

Stuart Sigman
Project Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334007
Date Received: 05/07/21
Date Reported: 05/28/21

Special Notes

[1] = **QR-02** : The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

A handwritten signature in black ink, appearing to read 'Stuart Sigman'.

Stuart Sigman
Project Manager



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June 01, 2021

Neil Irish

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1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5334008 / 1E10008**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/10/21 15:58 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. Vasile'.

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	1E10008-01	Water	5	05/10/21 06:00	05/10/21 15:58
QCEB-1	1E10008-02	Water	5	05/10/21 07:45	05/10/21 15:58

8260B+OXYGENATES

GMW-43	1E10008-03	Water	5	05/10/21 08:15	05/10/21 15:58
TF-20R	1E10008-04	Water	5	05/10/21 08:55	05/10/21 15:58
GMW-59	1E10008-05	Water	5	05/10/21 09:30	05/10/21 15:58
GMW-57	1E10008-06	Water	5	05/10/21 10:00	05/10/21 15:58
GMW-47	1E10008-07	Water	5	05/10/21 10:35	05/10/21 15:58
DUP-6	1E10008-08	Water	5	05/10/21 00:00	05/10/21 15:58

Diesel Range Organics 8015M

QCEB-1	1E10008-02	Water	5	05/10/21 07:45	05/10/21 15:58
GMW-43	1E10008-03	Water	5	05/10/21 08:15	05/10/21 15:58
TF-20R	1E10008-04	Water	5	05/10/21 08:55	05/10/21 15:58
GMW-59	1E10008-05	Water	5	05/10/21 09:30	05/10/21 15:58
GMW-57	1E10008-06	Water	5	05/10/21 10:00	05/10/21 15:58
GMW-47	1E10008-07	Water	5	05/10/21 10:35	05/10/21 15:58
DUP-6	1E10008-08	Water	5	05/10/21 00:00	05/10/21 15:58

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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
<u>Gasoline Range Organics 8015M</u>					
GMW-43	1E10008-03	Water	5	05/10/21 08:15	05/10/21 15:58
TF-20R	1E10008-04	Water	5	05/10/21 08:55	05/10/21 15:58
GMW-59	1E10008-05	Water	5	05/10/21 09:30	05/10/21 15:58
GMW-57	1E10008-06	Water	5	05/10/21 10:00	05/10/21 15:58
GMW-47	1E10008-07	Water	5	05/10/21 10:35	05/10/21 15:58
DUP-6	1E10008-08	Water	5	05/10/21 00:00	05/10/21 15:58

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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	
Date Prepared:	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	
AA ID No:	1E10008-01	1E10008-02	
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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	
Date Prepared:	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	
AA ID No:	1E10008-01	1E10008-02	
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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	
Date Prepared:	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	
AA ID No:	1E10008-01	1E10008-02	
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	97%	96%	80-129
Dibromofluoromethane	108%	108%	68-137
Toluene-d8	97%	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Prepared:	05/18/21	05/18/21	05/18/21	05/18/21	
Date Analyzed:	05/18/21	05/18/21	05/18/21	05/18/21	
AA ID No:	1E10008-03	1E10008-04	1E10008-05	1E10008-06	
Client ID No:	GMW-43	TF-20R	GMW-59	GMW-57	
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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Prepared:	05/18/21	05/18/21	05/18/21	05/18/21	
Date Analyzed:	05/18/21	05/18/21	05/18/21	05/18/21	
AA ID No:	1E10008-03	1E10008-04	1E10008-05	1E10008-06	
Client ID No:	GMW-43	TF-20R	GMW-59	GMW-57	
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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	05/10/21	05/10/21
Date Prepared:	05/18/21	05/18/21	05/18/21	05/18/21
Date Analyzed:	05/18/21	05/18/21	05/18/21	05/18/21
AA ID No:	1E10008-03	1E10008-04	1E10008-05	1E10008-06
Client ID No:	GMW-43	TF-20R	GMW-59	GMW-57
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	98%	98%	98%	97%	80-129
Dibromofluoromethane	112%	110%	112%	112%	68-137
Toluene-d8	97%	98%	98%	99%	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	
Date Prepared:	05/18/21	05/18/21	
Date Analyzed:	05/18/21	05/18/21	
AA ID No:	1E10008-07	1E10008-08	
Client ID No:	GMW-47	DUP-6	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXYGENATES (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	1.0	1.1	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 & OXYGENATES by GC/MS

AA Project No: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	
Date Prepared:	05/18/21	05/18/21	
Date Analyzed:	05/18/21	05/18/21	
AA ID No:	1E10008-07	1E10008-08	
Client ID No:	GMW-47	DUP-6	
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)	1.3	1.3	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	
Date Prepared:	05/18/21	05/18/21	
Date Analyzed:	05/18/21	05/18/21	
AA ID No:	1E10008-07	1E10008-08	
Client ID No:	GMW-47	DUP-6	
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	96%	97%	80-129
Dibromofluoromethane	111%	113%	68-137
Toluene-d8	97%	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: Diesel Range Organics by GC/FID

AA Project No: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: mg/L

Date Sampled:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Prepared:	05/14/21	05/14/21	05/14/21	05/14/21	
Date Analyzed:	05/19/21	05/19/21	05/19/21	05/19/21	
AA ID No:	1E10008-02	1E10008-03	1E10008-04	1E10008-05	
Client ID No:	QCEB-1	GMW-43	TF-20R	GMW-59	
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	0.25	0.10	0.45	0.10
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Surrogates

o-Terphenyl	117%	104%	126%	96%	<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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: mg/L

Date Sampled:	05/10/21	05/10/21	05/10/21	
Date Prepared:	05/14/21	05/14/21	05/14/21	
Date Analyzed:	05/19/21	05/20/21	05/20/21	
AA ID No:	1E10008-06	1E10008-07	1E10008-08	
Client ID No:	GMW-57	GMW-47	DUP-6	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.14	0.79	0.90	0.10
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<u>Surrogates</u>				<u>%REC Limits</u>
o-Terphenyl	97%	111%	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Prepared:	05/17/21	05/17/21	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	05/17/21	05/17/21	
AA ID No:	1E10008-03	1E10008-04	1E10008-05	1E10008-06	
Client ID No:	GMW-43	TF-20R	GMW-59	GMW-57	
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%	87%	82%	80%	<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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	
Date Prepared:	05/17/21	05/17/21	
Date Analyzed:	05/17/21	05/17/21	
AA ID No:	1E10008-07	1E10008-08	
Client ID No:	GMW-47	DUP-6	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	140	140	100
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Surrogates

			<u>%REC Limits</u>
a,a,a-Trifluorotoluene	90%	83%	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B

Blank (B1E1710-BLK1)

Prepared & Analyzed: 05/17/21

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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B</i>										
Blank (B1E1710-BLK1) Continued										
Prepared & Analyzed: 05/17/21										
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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B</i>										
Blank (B1E1710-BLK1) Continued										
Prepared & Analyzed: 05/17/21										
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>48.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.4</i>	<i>83-134</i>			
LCS (B1E1710-BS1)										
Prepared & Analyzed: 05/17/21										
Acetone	19.5	10	ug/L	20.0		97.4	27-123			
tert-Amyl-Methyl Ether (TAME)	18.6	2.0	ug/L	20.0		92.8	58-133			
Benzene	19.4	0.50	ug/L	20.0		97.0	60-134			
Bromobenzene	21.3	0.50	ug/L	20.0		107	70-130			
Bromochloromethane	21.0	0.50	ug/L	20.0		105	78-121			
Bromodichloromethane	21.4	0.50	ug/L	20.0		107	74-135			
Bromoform	22.5	0.50	ug/L	20.0		112	68-132			
Bromomethane	17.2	0.50	ug/L	20.0		86.0	58-142			
2-Butanone (MEK)	20.3	10	ug/L	20.0		101	62-138			
tert-Butyl Alcohol (TBA)	98.1	10	ug/L	100		98.1	65-148			
sec-Butylbenzene	20.7	0.50	ug/L	20.0		103	84-142			
tert-Butylbenzene	21.1	0.50	ug/L	20.0		106	70-130			
n-Butylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
Carbon Disulfide	19.8	0.50	ug/L	20.0		99.0	17-177			
Carbon Tetrachloride	22.4	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	21.2	0.50	ug/L	20.0		106	70-130			
Chloroethane	16.4	0.50	ug/L	20.0		82.2	45-166			
Chloroform	20.5	0.50	ug/L	20.0		102	71-131			
Chloromethane	21.4	0.50	ug/L	20.0		107	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B</i>										
LCS (B1E1710-BS1) Continued						Prepared & Analyzed: 05/17/21				
2-Chlorotoluene	20.1	0.50	ug/L	20.0		100	70-130			
4-Chlorotoluene	20.4	0.50	ug/L	20.0		102	70-130			
1,2-Dibromo-3-chloropropane	19.6	1.0	ug/L	20.0		98.1	53-145			
Dibromochloromethane	22.6	0.50	ug/L	20.0		113	72-133			
1,2-Dibromoethane (EDB)	22.2	0.50	ug/L	20.0		111	79-120			
Dibromomethane	20.7	0.50	ug/L	20.0		104	68-124			
1,3-Dichlorobenzene	20.9	0.50	ug/L	20.0		104	70-130			
1,2-Dichlorobenzene	22.1	0.50	ug/L	20.0		111	70-130			
1,4-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130			
Dichlorodifluoromethane (R12)	23.0	0.50	ug/L	20.0		115	16-148			
1,1-Dichloroethane	18.7	0.50	ug/L	20.0		93.5	67-120			
1,2-Dichloroethane (EDC)	20.0	0.50	ug/L	20.0		100	57-156			
1,1-Dichloroethylene	18.6	0.50	ug/L	20.0		93.2	50-149			
trans-1,2-Dichloroethylene	20.0	0.50	ug/L	20.0		100	66-126			
cis-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		100	70-124			
1,2-Dichloropropane	19.5	0.50	ug/L	20.0		97.4	53-139			
2,2-Dichloropropane	22.5	0.50	ug/L	20.0		113	44-162			
1,3-Dichloropropane	21.2	0.50	ug/L	20.0		106	79-113			
cis-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	67-127			
trans-1,3-Dichloropropylene	20.6	0.50	ug/L	20.0		103	76-121			
1,1-Dichloropropylene	19.8	0.50	ug/L	20.0		99.0	84-124			
Diisopropyl ether (DIPE)	19.0	2.0	ug/L	20.0		95.0	51-136			
Ethylbenzene	21.1	0.50	ug/L	20.0		105	86-124			
Ethyl-tert-Butyl Ether (ETBE)	19.3	2.0	ug/L	20.0		96.5	62-136			
Gasoline Range Organics (GRO)	604	100	ug/L	500		121	60-123			
Hexachlorobutadiene	21.1	1.0	ug/L	20.0		106	76-140			
2-Hexanone (MBK)	17.3	10	ug/L	20.0		86.4	52-123			
Isopropylbenzene	20.7	0.50	ug/L	20.0		103	70-130			
4-Isopropyltoluene	21.2	1.0	ug/L	20.0		106	70-130			
Methyl-tert-Butyl Ether (MTBE)	42.5	1.2	ug/L	40.0		106	58-144			
Methylene Chloride	20.7	5.0	ug/L	20.0		103	50-135			
4-Methyl-2-pentanone (MIBK)	22.4	10	ug/L	20.0		112	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B</i>										
LCS (B1E1710-BS1) Continued										
Prepared & Analyzed: 05/17/21										
Naphthalene	24.0	2.0	ug/L	20.0		120	74-128			
n-Propylbenzene	20.5	0.50	ug/L	20.0		102	70-130			
Styrene	21.6	0.50	ug/L	20.0		108	84-123			
1,1,1,2-Tetrachloroethane	21.7	0.50	ug/L	20.0		109	70-130			
1,1,2,2-Tetrachloroethane	22.9	0.50	ug/L	20.0		115	58-126			
Tetrachloroethylene (PCE)	20.8	0.50	ug/L	20.0		104	70-130			
Toluene	19.8	0.50	ug/L	20.0		99.1	83-118			
1,2,3-Trichlorobenzene	23.5	0.50	ug/L	20.0		117	77-134			
1,2,4-Trichlorobenzene	23.0	0.50	ug/L	20.0		115	84-128			
1,1,1-Trichloroethane	20.8	0.50	ug/L	20.0		104	66-158			
1,1,2-Trichloroethane	21.5	0.50	ug/L	20.0		107	75-115			
Trichloroethylene (TCE)	20.0	0.50	ug/L	20.0		100	82-128			
Trichlorofluoromethane (R11)	24.7	0.50	ug/L	20.0		124	65-137			
1,2,3-Trichloropropane	22.4	0.50	ug/L	20.0		112	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0		96.4	62-130			
1,3,5-Trimethylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
1,2,4-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
Vinyl chloride	21.3	0.50	ug/L	20.0		106	51-151			
o-Xylene	21.7	0.50	ug/L	20.0		108	70-130			
m,p-Xylenes	42.9	1.0	ug/L	40.0		107	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	48.3		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>	48.6		ug/L	50.0		97.2	83-134			
LCS Dup (B1E1710-BSD1)										
Prepared: 05/17/21 Analyzed: 05/18/21										
Acetone	20.8	10	ug/L	20.0		104	27-123	6.70	30	
tert-Amyl-Methyl Ether (TAME)	18.1	2.0	ug/L	20.0		90.4	58-133	2.67	30	
Benzene	20.0	0.50	ug/L	20.0		99.8	60-134	2.84	30	
Bromobenzene	20.9	0.50	ug/L	20.0		104	70-130	2.18	30	
Bromochloromethane	21.0	0.50	ug/L	20.0		105	78-121	0.190	30	
Bromodichloromethane	21.6	0.50	ug/L	20.0		108	74-135	0.932	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B</i>										
LCS Dup (B1E1710-BSD1) Continued										
					Prepared: 05/17/21 Analyzed: 05/18/21					
Bromoform	21.4	0.50	ug/L	20.0		107	68-132	5.15	30	
Bromomethane	20.1	0.50	ug/L	20.0		101	58-142	15.7	30	
2-Butanone (MEK)	21.1	10	ug/L	20.0		105	62-138	3.87	30	
tert-Butyl Alcohol (TBA)	98.6	10	ug/L	100		98.6	65-148	0.508	30	
sec-Butylbenzene	20.6	0.50	ug/L	20.0		103	84-142	0.436	30	
tert-Butylbenzene	20.7	0.50	ug/L	20.0		104	70-130	1.82	30	
n-Butylbenzene	20.4	0.50	ug/L	20.0		102	70-130	1.07	30	
Carbon Disulfide	20.3	0.50	ug/L	20.0		102	17-177	2.64	30	
Carbon Tetrachloride	21.9	0.50	ug/L	20.0		110	66-155	2.43	30	
Chlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	2.62	30	
Chloroethane	25.3	0.50	ug/L	20.0		126	45-166	42.5	30	QR-02
Chloroform	20.5	0.50	ug/L	20.0		103	71-131	0.195	30	
Chloromethane	21.7	0.50	ug/L	20.0		109	48-152	1.25	30	
2-Chlorotoluene	20.1	0.50	ug/L	20.0		101	70-130	0.149	30	
4-Chlorotoluene	20.2	0.50	ug/L	20.0		101	70-130	1.04	30	
1,2-Dibromo-3-chloropropane	18.8	1.0	ug/L	20.0		93.9	53-145	4.38	30	
Dibromochloromethane	21.8	0.50	ug/L	20.0		109	72-133	3.74	30	
1,2-Dibromoethane (EDB)	21.8	0.50	ug/L	20.0		109	79-120	1.77	30	
Dibromomethane	21.5	0.50	ug/L	20.0		108	68-124	3.74	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	2.52	30	
1,2-Dichlorobenzene	21.5	0.50	ug/L	20.0		107	70-130	2.98	30	
1,4-Dichlorobenzene	20.2	0.50	ug/L	20.0		101	70-130	4.03	30	
Dichlorodifluoromethane (R12)	24.4	0.50	ug/L	20.0		122	16-148	6.33	30	
1,1-Dichloroethane	19.4	0.50	ug/L	20.0		97.0	67-120	3.73	30	
1,2-Dichloroethane (EDC)	19.5	0.50	ug/L	20.0		97.7	57-156	2.48	30	
1,1-Dichloroethylene	18.6	0.50	ug/L	20.0		93.2	50-149	0.00	30	
trans-1,2-Dichloroethylene	19.9	0.50	ug/L	20.0		99.5	66-126	0.501	30	
cis-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0		103	70-124	2.66	30	
1,2-Dichloropropane	20.6	0.50	ug/L	20.0		103	53-139	5.34	30	
2,2-Dichloropropane	19.8	0.50	ug/L	20.0		99.0	44-162	12.8	30	
1,3-Dichloropropane	20.6	0.50	ug/L	20.0		103	79-113	3.11	30	
cis-1,3-Dichloropropylene	20.3	0.50	ug/L	20.0		102	67-127	2.63	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B</i>										
LCS Dup (B1E1710-BSD1) Continued										
					Prepared: 05/17/21 Analyzed: 05/18/21					
trans-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0		100	76-121	2.46	30	
1,1-Dichloropropylene	19.9	0.50	ug/L	20.0		99.7	84-124	0.755	30	
Diisopropyl ether (DIPE)	19.8	2.0	ug/L	20.0		98.8	51-136	3.87	30	
Ethylbenzene	21.2	0.50	ug/L	20.0		106	86-124	0.568	30	
Ethyl-tert-Butyl Ether (ETBE)	19.6	2.0	ug/L	20.0		97.8	62-136	1.34	30	
Gasoline Range Organics (GRO)	615	100	ug/L	500		123	60-123	1.77	30	
Hexachlorobutadiene	20.0	1.0	ug/L	20.0		99.9	76-140	5.45	30	
2-Hexanone (MBK)	16.7	10	ug/L	20.0		83.4	52-123	3.53	30	
Isopropylbenzene	20.8	0.50	ug/L	20.0		104	70-130	0.386	30	
4-Isopropyltoluene	20.5	1.0	ug/L	20.0		103	70-130	2.97	30	
Methyl-tert-Butyl Ether (MTBE)	42.6	1.2	ug/L	40.0		106	58-144	0.141	30	
Methylene Chloride	20.3	5.0	ug/L	20.0		102	50-135	1.61	30	
4-Methyl-2-pentanone (MIBK)	21.0	10	ug/L	20.0		105	49-139	6.44	30	
Naphthalene	22.0	2.0	ug/L	20.0		110	74-128	8.90	30	
n-Propylbenzene	20.5	0.50	ug/L	20.0		103	70-130	0.195	30	
Styrene	21.3	0.50	ug/L	20.0		106	84-123	1.49	30	
1,1,1,2-Tetrachloroethane	21.3	0.50	ug/L	20.0		107	70-130	1.95	30	
1,1,2,2-Tetrachloroethane	22.4	0.50	ug/L	20.0		112	58-126	2.47	30	
Tetrachloroethylene (PCE)	20.3	0.50	ug/L	20.0		102	70-130	2.48	30	
Toluene	20.1	0.50	ug/L	20.0		101	83-118	1.50	30	
1,2,3-Trichlorobenzene	22.2	0.50	ug/L	20.0		111	77-134	5.65	30	
1,2,4-Trichlorobenzene	21.2	0.50	ug/L	20.0		106	84-128	8.27	30	
1,1,1-Trichloroethane	20.7	0.50	ug/L	20.0		103	66-158	0.674	30	
1,1,2-Trichloroethane	21.8	0.50	ug/L	20.0		109	75-115	1.39	30	
Trichloroethylene (TCE)	20.7	0.50	ug/L	20.0		103	82-128	3.34	30	
Trichlorofluoromethane (R11)	24.8	0.50	ug/L	20.0		124	65-137	0.202	30	
1,2,3-Trichloropropane	20.9	0.50	ug/L	20.0		105	68-123	6.92	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.4	0.50	ug/L	20.0		96.8	62-130	0.414	30	
1,3,5-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	70-130	0.725	30	
1,2,4-Trimethylbenzene	20.7	0.50	ug/L	20.0		104	70-130	1.39	30	
Vinyl chloride	22.2	0.50	ug/L	20.0		111	51-151	4.19	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B</i>										
LCS Dup (B1E1710-BSD1) Continued										
Prepared: 05/17/21 Analyzed: 05/18/21										
o-Xylene	21.2	0.50	ug/L	20.0		106	70-130	2.05	30	
m,p-Xylenes	42.0	1.0	ug/L	40.0		105	70-130	2.03	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.0</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.5</i>	<i>83-134</i>			
Matrix Spike (B1E1710-MS1)										
Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
Acetone	23.5	10	ug/L	20.0		118	11-169			
tert-Amyl-Methyl Ether (TAME)	18.3	2.0	ug/L	20.0		91.4	66-133			
Benzene	20.0	0.50	ug/L	20.0		99.9	56-135			
Bromobenzene	20.4	0.50	ug/L	20.0		102	70-130			
Bromochloromethane	21.0	0.50	ug/L	20.0		105	74-125			
Bromodichloromethane	21.9	0.50	ug/L	20.0		110	68-144			
Bromoform	21.7	0.50	ug/L	20.0		108	68-151			
Bromomethane	17.6	0.50	ug/L	20.0		88.2	54-142			
2-Butanone (MEK)	21.5	10	ug/L	20.0		107	62-145			
tert-Butyl Alcohol (TBA)	95.6	10	ug/L	100		95.6	73-162			
sec-Butylbenzene	20.1	0.50	ug/L	20.0		100	84-145			
tert-Butylbenzene	20.1	0.50	ug/L	20.0		101	70-130			
n-Butylbenzene	20.2	0.50	ug/L	20.0		101	70-130			
Carbon Disulfide	20.3	0.50	ug/L	20.0	0.290	100	28-151			
Carbon Tetrachloride	21.8	0.50	ug/L	20.0		109	58-164			
Chlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Chloroethane	27.2	0.50	ug/L	20.0		136	42-164			
Chloroform	20.5	0.50	ug/L	20.0		102	65-138			
Chloromethane	21.7	0.50	ug/L	20.0		109	50-152			
2-Chlorotoluene	19.8	0.50	ug/L	20.0		99.0	70-130			
4-Chlorotoluene	19.8	0.50	ug/L	20.0		99.0	70-130			
1,2-Dibromo-3-chloropropane	20.5	1.0	ug/L	20.0		102	53-161			
Dibromochloromethane	22.5	0.50	ug/L	20.0		112	70-130			
1,2-Dibromoethane (EDB)	22.7	0.50	ug/L	20.0		114	76-130			
Dibromomethane	22.3	0.50	ug/L	20.0		112	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B</i>										
Matrix Spike (B1E1710-MS1) Continued Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
1,3-Dichlorobenzene	20.0	0.50	ug/L	20.0		100	70-130			
1,2-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130			
1,4-Dichlorobenzene	20.1	0.50	ug/L	20.0		100	70-130			
Dichlorodifluoromethane (R12)	23.6	0.50	ug/L	20.0		118	17-153			
1,1-Dichloroethane	19.0	0.50	ug/L	20.0		95.0	55-131			
1,2-Dichloroethane (EDC)	19.6	0.50	ug/L	20.0		98.2	52-168			
1,1-Dichloroethylene	18.7	0.50	ug/L	20.0		93.6	51-140			
trans-1,2-Dichloroethylene	19.8	0.50	ug/L	20.0		99.2	59-127			
cis-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	70-130			
1,2-Dichloropropane	20.3	0.50	ug/L	20.0		101	52-142			
2,2-Dichloropropane	18.9	0.50	ug/L	20.0		94.6	36-168			
1,3-Dichloropropane	21.1	0.50	ug/L	20.0		106	80-121			
cis-1,3-Dichloropropylene	20.7	0.50	ug/L	20.0		103	66-130			
trans-1,3-Dichloropropylene	20.1	0.50	ug/L	20.0		101	78-130			
1,1-Dichloropropylene	19.6	0.50	ug/L	20.0		98.2	76-132			
Diisopropyl ether (DIPE)	19.8	2.0	ug/L	20.0		99.0	52-138			
Ethylbenzene	21.0	0.50	ug/L	20.0		105	86-128			
Ethyl-tert-Butyl Ether (ETBE)	19.9	2.0	ug/L	20.0		99.4	64-137			
Hexachlorobutadiene	19.2	1.0	ug/L	20.0		96.0	70-130			
2-Hexanone (MBK)	18.0	10	ug/L	20.0		90.2	52-141			
Isopropylbenzene	20.1	0.50	ug/L	20.0		100	70-130			
4-Isopropyltoluene	20.1	1.0	ug/L	20.0		100	83-149			
Methyl-tert-Butyl Ether (MTBE)	44.7	1.2	ug/L	40.0		112	56-150			
Methylene Chloride	19.9	5.0	ug/L	20.0		99.4	70-130			
4-Methyl-2-pentanone (MIBK)	21.5	10	ug/L	20.0		108	60-148			
Naphthalene	22.8	2.0	ug/L	20.0		114	70-130			
n-Propylbenzene	20.0	0.50	ug/L	20.0		100	70-130			
Styrene	20.7	0.50	ug/L	20.0		104	65-141			
1,1,1,2-Tetrachloroethane	20.9	0.50	ug/L	20.0		104	70-130			
1,1,2,2-Tetrachloroethane	23.3	0.50	ug/L	20.0		117	62-134			
Tetrachloroethylene (PCE)	19.9	0.50	ug/L	20.0		99.3	70-130			
Toluene	19.9	0.50	ug/L	20.0		99.4	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B</i>										
Matrix Spike (B1E1710-MS1) Continued Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
1,2,3-Trichlorobenzene	21.8	0.50	ug/L	20.0		109	73-144			
1,2,4-Trichlorobenzene	21.5	0.50	ug/L	20.0		107	80-137			
1,1,1-Trichloroethane	20.5	0.50	ug/L	20.0		102	62-164			
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0		111	76-122			
Trichloroethylene (TCE)	20.3	0.50	ug/L	20.0		101	72-136			
Trichlorofluoromethane (R11)	24.6	0.50	ug/L	20.0		123	59-144			
1,2,3-Trichloropropane	22.0	0.50	ug/L	20.0		110	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0		96.4	62-126			
1,3,5-Trimethylbenzene	19.9	0.50	ug/L	20.0		99.6	70-130			
1,2,4-Trimethylbenzene	20.0	0.50	ug/L	20.0		100	89-134			
Vinyl chloride	22.7	0.50	ug/L	20.0		113	54-150			
o-Xylene	20.8	0.50	ug/L	20.0		104	70-130			
m,p-Xylenes	41.7	1.0	ug/L	40.0		104	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.8</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.5</i>	<i>83-134</i>			
Matrix Spike Dup (B1E1710-MSD1) Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
Acetone	23.0	10	ug/L	20.0		115	11-169	2.11	30	
tert-Amyl-Methyl Ether (TAME)	18.3	2.0	ug/L	20.0		91.3	66-133	0.109	30	
Benzene	20.5	0.50	ug/L	20.0		103	56-135	2.76	30	
Bromobenzene	21.4	0.50	ug/L	20.0		107	70-130	4.55	30	
Bromochloromethane	21.2	0.50	ug/L	20.0		106	74-125	0.663	30	
Bromodichloromethane	21.7	0.50	ug/L	20.0		108	68-144	1.01	30	
Bromoform	22.0	0.50	ug/L	20.0		110	68-151	1.19	30	
Bromomethane	19.9	0.50	ug/L	20.0		99.4	54-142	12.0	30	
2-Butanone (MEK)	21.1	10	ug/L	20.0		105	62-145	1.97	30	
tert-Butyl Alcohol (TBA)	94.7	10	ug/L	100		94.7	73-162	0.967	30	
sec-Butylbenzene	20.6	0.50	ug/L	20.0		103	84-145	2.65	30	
tert-Butylbenzene	21.0	0.50	ug/L	20.0		105	70-130	4.18	30	
n-Butylbenzene	20.7	0.50	ug/L	20.0		104	70-130	2.54	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B</i>										
Matrix Spike Dup (B1E1710-MSD1) Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
Continued										
Carbon Disulfide	20.4	0.50	ug/L	20.0	0.290	100	28-151	0.0983	30	
Carbon Tetrachloride	22.4	0.50	ug/L	20.0		112	58-164	2.85	30	
Chlorobenzene	21.2	0.50	ug/L	20.0		106	70-130	2.73	30	
Chloroethane	27.4	0.50	ug/L	20.0		137	42-164	0.660	30	
Chloroform	20.4	0.50	ug/L	20.0		102	65-138	0.538	30	
Chloromethane	22.2	0.50	ug/L	20.0		111	50-152	2.28	30	
2-Chlorotoluene	20.1	0.50	ug/L	20.0		101	70-130	1.70	30	
4-Chlorotoluene	20.3	0.50	ug/L	20.0		101	70-130	2.44	30	
1,2-Dibromo-3-chloropropane	22.5	1.0	ug/L	20.0		112	53-161	9.36	30	
Dibromochloromethane	22.5	0.50	ug/L	20.0		113	70-130	0.267	30	
1,2-Dibromoethane (EDB)	22.7	0.50	ug/L	20.0		113	76-130	0.264	30	
Dibromomethane	22.0	0.50	ug/L	20.0		110	62-135	1.26	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	1.78	30	
1,2-Dichlorobenzene	21.5	0.50	ug/L	20.0		108	70-130	1.64	30	
1,4-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130	2.56	30	
Dichlorodifluoromethane (R12)	23.6	0.50	ug/L	20.0		118	17-153	0.127	30	
1,1-Dichloroethane	19.5	0.50	ug/L	20.0		97.4	55-131	2.44	30	
1,2-Dichloroethane (EDC)	20.1	0.50	ug/L	20.0		100	52-168	2.11	30	
1,1-Dichloroethylene	18.9	0.50	ug/L	20.0		94.7	51-140	1.22	30	
trans-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		101	59-127	1.40	30	
cis-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	70-130	0.294	30	
1,2-Dichloropropane	20.7	0.50	ug/L	20.0		104	52-142	2.24	30	
2,2-Dichloropropane	18.3	0.50	ug/L	20.0		91.4	36-168	3.39	30	
1,3-Dichloropropane	21.7	0.50	ug/L	20.0		109	80-121	2.85	30	
cis-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	66-130	0.386	30	
trans-1,3-Dichloropropylene	20.4	0.50	ug/L	20.0		102	78-130	1.43	30	
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		99.8	76-132	1.72	30	
Diisopropyl ether (DIPE)	19.6	2.0	ug/L	20.0		98.2	52-138	0.811	30	
Ethylbenzene	21.4	0.50	ug/L	20.0		107	86-128	2.22	30	
Ethyl-tert-Butyl Ether (ETBE)	20.0	2.0	ug/L	20.0		99.9	64-137	0.552	30	
Hexachlorobutadiene	19.9	1.0	ug/L	20.0		99.4	70-130	3.38	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1710 - EPA 5030B</i>										
Matrix Spike Dup (B1E1710-MSD1) Source: 1E07003-15 Prepared & Analyzed: 05/17/21										
Continued										
2-Hexanone (MBK)	18.1	10	ug/L	20.0		90.4	52-141	0.166	30	
Isopropylbenzene	20.9	0.50	ug/L	20.0		104	70-130	3.86	30	
4-Isopropyltoluene	20.8	1.0	ug/L	20.0		104	83-149	3.38	30	
Methyl-tert-Butyl Ether (MTBE)	44.5	1.2	ug/L	40.0		111	56-150	0.359	30	
Methylene Chloride	20.1	5.0	ug/L	20.0		101	70-130	1.15	30	
4-Methyl-2-pentanone (MIBK)	23.1	10	ug/L	20.0		116	60-148	6.99	30	
Naphthalene	24.1	2.0	ug/L	20.0		121	70-130	5.76	30	
n-Propylbenzene	20.6	0.50	ug/L	20.0		103	70-130	2.86	30	
Styrene	21.3	0.50	ug/L	20.0		107	65-141	2.76	30	
1,1,1,2-Tetrachloroethane	21.5	0.50	ug/L	20.0		107	70-130	2.88	30	
1,1,2,2-Tetrachloroethane	24.0	0.50	ug/L	20.0		120	62-134	2.96	30	
Tetrachloroethylene (PCE)	20.2	0.50	ug/L	20.0		101	70-130	1.90	30	
Toluene	20.3	0.50	ug/L	20.0		102	81-123	2.19	30	
1,2,3-Trichlorobenzene	21.7	0.50	ug/L	20.0		108	73-144	0.689	30	
1,2,4-Trichlorobenzene	21.4	0.50	ug/L	20.0		107	80-137	0.560	30	
1,1,1-Trichloroethane	21.0	0.50	ug/L	20.0		105	62-164	2.17	30	
1,1,2-Trichloroethane	22.0	0.50	ug/L	20.0		110	76-122	0.589	30	
Trichloroethylene (TCE)	20.4	0.50	ug/L	20.0		102	72-136	0.884	30	
Trichlorofluoromethane (R11)	24.5	0.50	ug/L	20.0		123	59-144	0.122	30	
1,2,3-Trichloropropane	22.7	0.50	ug/L	20.0		113	69-135	3.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.4	0.50	ug/L	20.0		96.8	62-126	0.362	30	
1,3,5-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130	2.97	30	
1,2,4-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	89-134	2.66	30	
Vinyl chloride	22.6	0.50	ug/L	20.0		113	54-150	0.398	30	
o-Xylene	21.5	0.50	ug/L	20.0		107	70-130	3.27	30	
m,p-Xylenes	42.1	1.0	ug/L	40.0		105	70-130	0.787	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.1</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>103</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			

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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B</i>										
Blank (B1E1820-BLK1)										
Prepared & Analyzed: 05/18/21										
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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B</i>										
Blank (B1E1820-BLK1) Continued										
Prepared & Analyzed: 05/18/21										
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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B</i>										
Blank (B1E1820-BLK1) Continued										
Prepared & Analyzed: 05/18/21										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>48.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.9</i>	<i>83-134</i>			
LCS (B1E1820-BS1)										
Prepared & Analyzed: 05/18/21										
Acetone	17.2	10	ug/L	20.0		86.2	27-123			
tert-Amyl-Methyl Ether (TAME)	17.2	2.0	ug/L	20.0		86.0	58-133			
Benzene	19.8	0.50	ug/L	20.0		98.8	60-134			
Bromobenzene	21.1	0.50	ug/L	20.0		106	70-130			
Bromochloromethane	20.0	0.50	ug/L	20.0		99.8	78-121			
Bromodichloromethane	21.1	0.50	ug/L	20.0		106	74-135			
Bromoform	21.1	0.50	ug/L	20.0		106	68-132			
Bromomethane	19.4	0.50	ug/L	20.0		96.8	58-142			
2-Butanone (MEK)	19.3	10	ug/L	20.0		96.3	62-138			
tert-Butyl Alcohol (TBA)	80.2	10	ug/L	100		80.2	65-148			
sec-Butylbenzene	21.2	0.50	ug/L	20.0		106	84-142			
tert-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
n-Butylbenzene	21.5	0.50	ug/L	20.0		108	70-130			
Carbon Disulfide	20.1	0.50	ug/L	20.0		101	17-177			
Carbon Tetrachloride	22.5	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
Chloroethane	26.6	0.50	ug/L	20.0		133	45-166			
Chloroform	20.4	0.50	ug/L	20.0		102	71-131			
Chloromethane	22.8	0.50	ug/L	20.0		114	48-152			
2-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B</i>										
LCS (B1E1820-BS1) Continued										
Prepared & Analyzed: 05/18/21										
4-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130			
1,2-Dibromo-3-chloropropane	19.6	1.0	ug/L	20.0		98.2	53-145			
Dibromochloromethane	21.6	0.50	ug/L	20.0		108	72-133			
1,2-Dibromoethane (EDB)	21.6	0.50	ug/L	20.0		108	79-120			
Dibromomethane	20.6	0.50	ug/L	20.0		103	68-124			
1,3-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
1,2-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130			
1,4-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130			
Dichlorodifluoromethane (R12)	24.7	0.50	ug/L	20.0		123	16-148			
1,1-Dichloroethane	18.9	0.50	ug/L	20.0		94.5	67-120			
1,2-Dichloroethane (EDC)	19.3	0.50	ug/L	20.0		96.6	57-156			
1,1-Dichloroethylene	18.5	0.50	ug/L	20.0		92.6	50-149			
trans-1,2-Dichloroethylene	19.7	0.50	ug/L	20.0		98.7	66-126			
cis-1,2-Dichloroethylene	19.9	0.50	ug/L	20.0		99.6	70-124			
1,2-Dichloropropane	19.8	0.50	ug/L	20.0		99.1	53-139			
2,2-Dichloropropane	22.5	0.50	ug/L	20.0		113	44-162			
1,3-Dichloropropane	20.7	0.50	ug/L	20.0		103	79-113			
cis-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	67-127			
trans-1,3-Dichloropropylene	20.3	0.50	ug/L	20.0		101	76-121			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		100	84-124			
Diisopropyl ether (DIPE)	19.0	2.0	ug/L	20.0		94.8	51-136			
Ethylbenzene	21.7	0.50	ug/L	20.0		109	86-124			
Ethyl-tert-Butyl Ether (ETBE)	18.6	2.0	ug/L	20.0		93.0	62-136			
Hexachlorobutadiene	20.5	1.0	ug/L	20.0		103	76-140			
2-Hexanone (MBK)	16.2	10	ug/L	20.0		81.2	52-123			
Isopropylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
4-Isopropyltoluene	21.4	1.0	ug/L	20.0		107	70-130			
Methyl-tert-Butyl Ether (MTBE)	39.5	1.2	ug/L	40.0		98.7	58-144			
Methylene Chloride	19.3	5.0	ug/L	20.0		96.6	50-135			
4-Methyl-2-pentanone (MIBK)	19.7	10	ug/L	20.0		98.4	49-139			
Naphthalene	22.8	2.0	ug/L	20.0		114	74-128			
n-Propylbenzene	21.2	0.50	ug/L	20.0		106	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B</i>										
LCS (B1E1820-BS1) Continued										
Prepared & Analyzed: 05/18/21										
Styrene	21.7	0.50	ug/L	20.0		108	84-123			
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0		106	70-130			
1,1,2,2-Tetrachloroethane	22.2	0.50	ug/L	20.0		111	58-126			
Tetrachloroethylene (PCE)	20.7	0.50	ug/L	20.0		103	70-130			
Toluene	20.5	0.50	ug/L	20.0		102	83-118			
1,2,3-Trichlorobenzene	22.5	0.50	ug/L	20.0		113	77-134			
1,2,4-Trichlorobenzene	22.3	0.50	ug/L	20.0		111	84-128			
1,1,1-Trichloroethane	21.3	0.50	ug/L	20.0		107	66-158			
1,1,2-Trichloroethane	21.1	0.50	ug/L	20.0		105	75-115			
Trichloroethylene (TCE)	20.6	0.50	ug/L	20.0		103	82-128			
Trichlorofluoromethane (R11)	25.5	0.50	ug/L	20.0		128	65-137			
1,2,3-Trichloropropane	21.4	0.50	ug/L	20.0		107	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.9	0.50	ug/L	20.0		99.6	62-130			
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
1,2,4-Trimethylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
Vinyl chloride	23.8	0.50	ug/L	20.0		119	51-151			
o-Xylene	21.7	0.50	ug/L	20.0		108	70-130			
m,p-Xylenes	42.5	1.0	ug/L	40.0		106	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.3		ug/L	50.0		98.7	80-129			
<i>Surrogate: Dibromofluoromethane</i>	49.5		ug/L	50.0		99.0	68-137			
<i>Surrogate: Toluene-d8</i>	50.4		ug/L	50.0		101	83-134			
LCS Dup (B1E1820-BSD1)										
Prepared & Analyzed: 05/18/21										
Acetone	24.0	10	ug/L	20.0		120	27-123	33.0	30	QR-02
tert-Amyl-Methyl Ether (TAME)	18.7	2.0	ug/L	20.0		93.4	58-133	8.36	30	
Benzene	19.7	0.50	ug/L	20.0		98.4	60-134	0.355	30	
Bromobenzene	21.6	0.50	ug/L	20.0		108	70-130	2.01	30	
Bromochloromethane	21.3	0.50	ug/L	20.0		107	78-121	6.54	30	
Bromodichloromethane	21.2	0.50	ug/L	20.0		106	74-135	0.472	30	
Bromoform	22.6	0.50	ug/L	20.0		113	68-132	6.64	30	
Bromomethane	18.5	0.50	ug/L	20.0		92.6	58-142	4.49	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B</i>										
LCS Dup (B1E1820-BSD1) Continued										
Prepared & Analyzed: 05/18/21										
2-Butanone (MEK)	20.9	10	ug/L	20.0		104	62-138	8.07	30	
tert-Butyl Alcohol (TBA)	92.3	10	ug/L	100		92.3	65-148	13.9	30	
sec-Butylbenzene	20.7	0.50	ug/L	20.0		104	84-142	2.48	30	
tert-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.0472	30	
n-Butylbenzene	20.6	0.50	ug/L	20.0		103	70-130	4.37	30	
Carbon Disulfide	20.1	0.50	ug/L	20.0		100	17-177	0.199	30	
Carbon Tetrachloride	22.2	0.50	ug/L	20.0		111	66-155	1.43	30	
Chlorobenzene	21.2	0.50	ug/L	20.0		106	70-130	1.57	30	
Chloroethane	26.2	0.50	ug/L	20.0		131	45-166	1.17	30	
Chloroform	20.3	0.50	ug/L	20.0		101	71-131	0.688	30	
Chloromethane	20.3	0.50	ug/L	20.0		102	48-152	11.7	30	
2-Chlorotoluene	20.3	0.50	ug/L	20.0		101	70-130	2.67	30	
4-Chlorotoluene	20.3	0.50	ug/L	20.0		101	70-130	2.39	30	
1,2-Dibromo-3-chloropropane	20.3	1.0	ug/L	20.0		102	53-145	3.45	30	
Dibromochloromethane	22.8	0.50	ug/L	20.0		114	72-133	5.44	30	
1,2-Dibromoethane (EDB)	22.2	0.50	ug/L	20.0		111	79-120	2.69	30	
Dibromomethane	21.7	0.50	ug/L	20.0		109	68-124	5.54	30	
1,3-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	0.241	30	
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130	0.558	30	
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130	1.01	30	
Dichlorodifluoromethane (R12)	22.5	0.50	ug/L	20.0		113	16-148	9.24	30	
1,1-Dichloroethane	19.0	0.50	ug/L	20.0		95.1	67-120	0.633	30	
1,2-Dichloroethane (EDC)	19.5	0.50	ug/L	20.0		97.4	57-156	0.825	30	
1,1-Dichloroethylene	18.7	0.50	ug/L	20.0		93.6	50-149	1.18	30	
trans-1,2-Dichloroethylene	19.9	0.50	ug/L	20.0		99.4	66-126	0.707	30	
cis-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		100	70-124	0.849	30	
1,2-Dichloropropane	20.0	0.50	ug/L	20.0		99.9	53-139	0.804	30	
2,2-Dichloropropane	19.0	0.50	ug/L	20.0		95.0	44-162	17.1	30	
1,3-Dichloropropane	21.1	0.50	ug/L	20.0		106	79-113	2.06	30	
cis-1,3-Dichloropropylene	20.5	0.50	ug/L	20.0		102	67-127	1.45	30	
trans-1,3-Dichloropropylene	20.3	0.50	ug/L	20.0		101	76-121	0.00	30	
1,1-Dichloropropylene	19.8	0.50	ug/L	20.0		98.8	84-124	1.46	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B</i>										
LCS Dup (B1E1820-BSD1) Continued										
Prepared & Analyzed: 05/18/21										
Diisopropyl ether (DIPE)	19.9	2.0	ug/L	20.0		99.3	51-136	4.69	30	
Ethylbenzene	21.4	0.50	ug/L	20.0		107	86-124	1.30	30	
Ethyl-tert-Butyl Ether (ETBE)	19.5	2.0	ug/L	20.0		97.4	62-136	4.68	30	
Hexachlorobutadiene	20.8	1.0	ug/L	20.0		104	76-140	1.50	30	
2-Hexanone (MBK)	17.5	10	ug/L	20.0		87.7	52-123	7.64	30	
Isopropylbenzene	20.8	0.50	ug/L	20.0		104	70-130	2.33	30	
4-Isopropyltoluene	21.0	1.0	ug/L	20.0		105	70-130	1.79	30	
Methyl-tert-Butyl Ether (MTBE)	43.1	1.2	ug/L	40.0		108	58-144	8.86	30	
Methylene Chloride	19.5	5.0	ug/L	20.0		97.4	50-135	0.773	30	
4-Methyl-2-pentanone (MIBK)	21.2	10	ug/L	20.0		106	49-139	7.29	30	
Naphthalene	22.9	2.0	ug/L	20.0		115	74-128	0.481	30	
n-Propylbenzene	20.5	0.50	ug/L	20.0		103	70-130	3.40	30	
Styrene	21.4	0.50	ug/L	20.0		107	84-123	1.39	30	
1,1,1,2-Tetrachloroethane	21.6	0.50	ug/L	20.0		108	70-130	2.38	30	
1,1,2,2-Tetrachloroethane	23.0	0.50	ug/L	20.0		115	58-126	3.50	30	
Tetrachloroethylene (PCE)	20.8	0.50	ug/L	20.0		104	70-130	0.627	30	
Toluene	20.3	0.50	ug/L	20.0		101	83-118	0.933	30	
1,2,3-Trichlorobenzene	22.7	0.50	ug/L	20.0		113	77-134	0.752	30	
1,2,4-Trichlorobenzene	21.8	0.50	ug/L	20.0		109	84-128	2.41	30	
1,1,1-Trichloroethane	20.7	0.50	ug/L	20.0		104	66-158	2.76	30	
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0		111	75-115	4.86	30	
Trichloroethylene (TCE)	20.3	0.50	ug/L	20.0		102	82-128	1.51	30	
Trichlorofluoromethane (R11)	24.2	0.50	ug/L	20.0		121	65-137	5.31	30	
1,2,3-Trichloropropane	21.6	0.50	ug/L	20.0		108	68-123	0.744	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.8	0.50	ug/L	20.0		94.2	62-130	5.47	30	
1,3,5-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	70-130	3.05	30	
1,2,4-Trimethylbenzene	20.8	0.50	ug/L	20.0		104	70-130	2.00	30	
Vinyl chloride	21.8	0.50	ug/L	20.0		109	51-151	8.60	30	
o-Xylene	21.2	0.50	ug/L	20.0		106	70-130	2.01	30	
m,p-Xylenes	42.3	1.0	ug/L	40.0		106	70-130	0.448	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B

LCS Dup (B1E1820-BSD1) Continued

Prepared & Analyzed: 05/18/21

Surrogate: 4-Bromofluorobenzene	48.4		ug/L	50.0		96.8	80-129			
Surrogate: Dibromofluoromethane	50.0		ug/L	50.0		100	68-137			
Surrogate: Toluene-d8	49.8		ug/L	50.0		99.6	83-134			

Matrix Spike (B1E1820-MS1)

Source: 1E10008-07 Prepared & Analyzed: 05/18/21

Acetone	18.7	10	ug/L	20.0	<10	93.4	11-169			
tert-Amyl-Methyl Ether (TAME)	19.0	2.0	ug/L	20.0	<2.0	95.0	66-133			
Benzene	19.7	0.50	ug/L	20.0	<0.50	98.4	56-135			
Bromobenzene	20.6	0.50	ug/L	20.0	<0.50	103	70-130			
Bromochloromethane	21.7	0.50	ug/L	20.0	<0.50	108	74-125			
Bromodichloromethane	21.6	0.50	ug/L	20.0	<0.50	108	68-144			
Bromoform	23.0	0.50	ug/L	20.0	<0.50	115	68-151			
Bromomethane	17.0	0.50	ug/L	20.0	<0.50	85.0	54-142			
2-Butanone (MEK)	22.9	10	ug/L	20.0	<10	115	62-145			
tert-Butyl Alcohol (TBA)	119	10	ug/L	100	<10	119	73-162			
sec-Butylbenzene	19.4	0.50	ug/L	20.0	<0.50	97.2	84-145			
tert-Butylbenzene	20.8	0.50	ug/L	20.0	1.00	99.2	70-130			
n-Butylbenzene	19.7	0.50	ug/L	20.0	0.380	96.5	70-130			
Carbon Disulfide	19.6	0.50	ug/L	20.0	0.230	96.7	28-151			
Carbon Tetrachloride	21.4	0.50	ug/L	20.0	<0.50	107	58-164			
Chlorobenzene	20.4	0.50	ug/L	20.0	<0.50	102	70-130			
Chloroethane	20.5	0.50	ug/L	20.0	<0.50	103	42-164			
Chloroform	20.2	0.50	ug/L	20.0	<0.50	101	65-138			
Chloromethane	20.5	0.50	ug/L	20.0	<0.50	103	50-152			
2-Chlorotoluene	19.0	0.50	ug/L	20.0	<0.50	95.1	70-130			
4-Chlorotoluene	19.4	0.50	ug/L	20.0	<0.50	97.0	70-130			
1,2-Dibromo-3-chloropropane	22.5	1.0	ug/L	20.0	<1.0	113	53-161			
Dibromochloromethane	22.5	0.50	ug/L	20.0	<0.50	112	70-130			
1,2-Dibromoethane (EDB)	23.1	0.50	ug/L	20.0	<0.50	116	76-130			
Dibromomethane	22.5	0.50	ug/L	20.0	<0.50	112	62-135			
1,3-Dichlorobenzene	20.0	0.50	ug/L	20.0	<0.50	100	70-130			
1,2-Dichlorobenzene	20.7	0.50	ug/L	20.0	<0.50	103	70-130			
1,4-Dichlorobenzene	20.1	0.50	ug/L	20.0	<0.50	101	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B</i>										
Matrix Spike (B1E1820-MS1) Continued Source: 1E10008-07 Prepared & Analyzed: 05/18/21										
Dichlorodifluoromethane (R12)	22.2	0.50	ug/L	20.0	<0.50	111	17-153			
1,1-Dichloroethane	19.2	0.50	ug/L	20.0	<0.50	95.8	55-131			
1,2-Dichloroethane (EDC)	20.4	0.50	ug/L	20.0	<0.50	102	52-168			
1,1-Dichloroethylene	18.3	0.50	ug/L	20.0	<0.50	91.4	51-140			
trans-1,2-Dichloroethylene	19.3	0.50	ug/L	20.0	<0.50	96.3	59-127			
cis-1,2-Dichloroethylene	20.3	0.50	ug/L	20.0	<0.50	102	70-130			
1,2-Dichloropropane	20.5	0.50	ug/L	20.0	<0.50	103	52-142			
2,2-Dichloropropane	19.5	0.50	ug/L	20.0	<0.50	97.6	36-168			
1,3-Dichloropropane	21.5	0.50	ug/L	20.0	<0.50	107	80-121			
cis-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0	<0.50	104	66-130			
trans-1,3-Dichloropropylene	20.3	0.50	ug/L	20.0	<0.50	101	78-130			
1,1-Dichloropropylene	19.2	0.50	ug/L	20.0	<0.50	96.0	76-132			
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0	<2.0	98.6	52-138			
Ethylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	86-128			
Ethyl-tert-Butyl Ether (ETBE)	20.3	2.0	ug/L	20.0	<2.0	102	64-137			
Hexachlorobutadiene	19.1	1.0	ug/L	20.0	<1.0	95.5	70-130			
2-Hexanone (MBK)	23.3	10	ug/L	20.0	<10	116	52-141			
Isopropylbenzene	19.7	0.50	ug/L	20.0	<0.50	98.6	70-130			
4-Isopropyltoluene	20.0	1.0	ug/L	20.0	<1.0	100	83-149			
Methyl-tert-Butyl Ether (MTBE)	47.3	1.2	ug/L	40.0	1.29	115	56-150			
Methylene Chloride	19.2	5.0	ug/L	20.0	<5.0	96.2	70-130			
4-Methyl-2-pentanone (MIBK)	25.1	10	ug/L	20.0	<10	125	60-148			
Naphthalene	24.2	2.0	ug/L	20.0	<2.0	121	70-130			
n-Propylbenzene	19.5	0.50	ug/L	20.0	<0.50	97.6	70-130			
Styrene	21.0	0.50	ug/L	20.0	<0.50	105	65-141			
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0	<0.50	106	70-130			
1,1,2,2-Tetrachloroethane	24.1	0.50	ug/L	20.0	<0.50	121	62-134			
Tetrachloroethylene (PCE)	19.2	0.50	ug/L	20.0	<0.50	96.0	70-130			
Toluene	19.5	0.50	ug/L	20.0	<0.50	97.6	81-123			
1,2,3-Trichlorobenzene	22.7	0.50	ug/L	20.0	<0.50	113	73-144			
1,2,4-Trichlorobenzene	20.9	0.50	ug/L	20.0	<0.50	105	80-137			
1,1,1-Trichloroethane	20.1	0.50	ug/L	20.0	<0.50	100	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B</i>										
Matrix Spike (B1E1820-MS1) Continued Source: 1E10008-07 Prepared & Analyzed: 05/18/21										
1,1,2-Trichloroethane	22.3	0.50	ug/L	20.0	<0.50	111	76-122			
Trichloroethylene (TCE)	19.9	0.50	ug/L	20.0	<0.50	99.5	72-136			
Trichlorofluoromethane (R11)	23.9	0.50	ug/L	20.0	<0.50	119	59-144			
1,2,3-Trichloropropane	23.2	0.50	ug/L	20.0	<0.50	116	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.8	0.50	ug/L	20.0	<0.50	93.8	62-126			
1,3,5-Trimethylbenzene	19.5	0.50	ug/L	20.0	<0.50	97.6	70-130			
1,2,4-Trimethylbenzene	19.8	0.50	ug/L	20.0	<0.50	99.2	89-134			
Vinyl chloride	21.8	0.50	ug/L	20.0	<0.50	109	54-150			
o-Xylene	20.6	0.50	ug/L	20.0	<0.50	103	70-130			
m,p-Xylenes	40.5	1.0	ug/L	40.0	<1.0	101	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.4</i>	<i>83-134</i>			
Matrix Spike Dup (B1E1820-MSD1) Source: 1E10008-07 Prepared & Analyzed: 05/18/21										
Acetone	23.7	10	ug/L	20.0	<10	119	11-169	23.7	30	
tert-Amyl-Methyl Ether (TAME)	18.8	2.0	ug/L	20.0	<2.0	93.8	66-133	1.27	30	
Benzene	19.3	0.50	ug/L	20.0	<0.50	96.7	56-135	1.74	30	
Bromobenzene	21.3	0.50	ug/L	20.0	<0.50	106	70-130	3.25	30	
Bromochloromethane	21.1	0.50	ug/L	20.0	<0.50	105	74-125	2.99	30	
Bromodichloromethane	20.6	0.50	ug/L	20.0	<0.50	103	68-144	4.69	30	
Bromoform	22.9	0.50	ug/L	20.0	<0.50	114	68-151	0.480	30	
Bromomethane	18.4	0.50	ug/L	20.0	<0.50	91.9	54-142	7.80	30	
2-Butanone (MEK)	22.4	10	ug/L	20.0	<10	112	62-145	2.16	30	
tert-Butyl Alcohol (TBA)	119	10	ug/L	100	<10	119	73-162	0.168	30	
sec-Butylbenzene	19.9	0.50	ug/L	20.0	<0.50	99.3	84-145	2.09	30	
tert-Butylbenzene	21.3	0.50	ug/L	20.0	1.00	101	70-130	1.95	30	
n-Butylbenzene	19.8	0.50	ug/L	20.0	0.380	97.2	70-130	0.759	30	
Carbon Disulfide	19.8	0.50	ug/L	20.0	0.230	97.9	28-151	1.22	30	
Carbon Tetrachloride	21.2	0.50	ug/L	20.0	<0.50	106	58-164	0.893	30	
Chlorobenzene	20.3	0.50	ug/L	20.0	<0.50	102	70-130	0.295	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B</i>										
Matrix Spike Dup (B1E1820-MSD1) Source: 1E10008-07 Prepared & Analyzed: 05/18/21										
Continued										
Chloroethane	26.2	0.50	ug/L	20.0	<0.50	131	42-164	24.6	30	
Chloroform	19.8	0.50	ug/L	20.0	<0.50	99.0	65-138	1.85	30	
Chloromethane	20.7	0.50	ug/L	20.0	<0.50	103	50-152	0.777	30	
2-Chlorotoluene	19.5	0.50	ug/L	20.0	<0.50	97.3	70-130	2.29	30	
4-Chlorotoluene	19.5	0.50	ug/L	20.0	<0.50	97.4	70-130	0.360	30	
1,2-Dibromo-3-chloropropane	24.4	1.0	ug/L	20.0	<1.0	122	53-161	8.05	30	
Dibromochloromethane	21.8	0.50	ug/L	20.0	<0.50	109	70-130	3.16	30	
1,2-Dibromoethane (EDB)	22.7	0.50	ug/L	20.0	<0.50	114	76-130	1.79	30	
Dibromomethane	21.9	0.50	ug/L	20.0	<0.50	110	62-135	2.48	30	
1,3-Dichlorobenzene	20.1	0.50	ug/L	20.0	<0.50	101	70-130	0.648	30	
1,2-Dichlorobenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	0.771	30	
1,4-Dichlorobenzene	20.2	0.50	ug/L	20.0	<0.50	101	70-130	0.248	30	
Dichlorodifluoromethane (R12)	21.4	0.50	ug/L	20.0	<0.50	107	17-153	3.44	30	
1,1-Dichloroethane	18.8	0.50	ug/L	20.0	<0.50	94.0	55-131	1.84	30	
1,2-Dichloroethane (EDC)	19.6	0.50	ug/L	20.0	<0.50	98.0	52-168	3.95	30	
1,1-Dichloroethylene	18.2	0.50	ug/L	20.0	<0.50	91.1	51-140	0.329	30	
trans-1,2-Dichloroethylene	18.7	0.50	ug/L	20.0	<0.50	93.6	59-127	2.79	30	
cis-1,2-Dichloroethylene	19.9	0.50	ug/L	20.0	<0.50	99.7	70-130	1.89	30	
1,2-Dichloropropane	19.6	0.50	ug/L	20.0	<0.50	98.2	52-142	4.43	30	
2,2-Dichloropropane	18.9	0.50	ug/L	20.0	<0.50	94.5	36-168	3.18	30	
1,3-Dichloropropane	21.1	0.50	ug/L	20.0	<0.50	105	80-121	1.79	30	
cis-1,3-Dichloropropylene	20.6	0.50	ug/L	20.0	<0.50	103	66-130	1.26	30	
trans-1,3-Dichloropropylene	20.6	0.50	ug/L	20.0	<0.50	103	78-130	1.57	30	
1,1-Dichloropropylene	19.3	0.50	ug/L	20.0	<0.50	96.7	76-132	0.779	30	
Diisopropyl ether (DIPE)	19.6	2.0	ug/L	20.0	<2.0	97.8	52-138	0.865	30	
Ethylbenzene	20.4	0.50	ug/L	20.0	<0.50	102	86-128	1.23	30	
Ethyl-tert-Butyl Ether (ETBE)	19.8	2.0	ug/L	20.0	<2.0	98.8	64-137	2.85	30	
Hexachlorobutadiene	19.4	1.0	ug/L	20.0	<1.0	97.0	70-130	1.51	30	
2-Hexanone (MBK)	22.1	10	ug/L	20.0	<10	110	52-141	5.29	30	
Isopropylbenzene	20.0	0.50	ug/L	20.0	<0.50	100	70-130	1.51	30	
4-Isopropyltoluene	20.1	1.0	ug/L	20.0	<1.0	100	83-149	0.349	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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1820 - EPA 5030B</i>										
Matrix Spike Dup (B1E1820-MSD1) Source: 1E10008-07 Prepared & Analyzed: 05/18/21										
Continued										
Methyl-tert-Butyl Ether (MTBE)	45.5	1.2	ug/L	40.0	1.29	110	56-150	3.86	30	
Methylene Chloride	18.6	5.0	ug/L	20.0	<5.0	93.1	70-130	3.33	30	
4-Methyl-2-pentanone (MIBK)	23.8	10	ug/L	20.0	<10	119	60-148	5.20	30	
Naphthalene	25.4	2.0	ug/L	20.0	<2.0	127	70-130	4.76	30	
n-Propylbenzene	19.8	0.50	ug/L	20.0	<0.50	99.0	70-130	1.37	30	
Styrene	21.1	0.50	ug/L	20.0	<0.50	105	65-141	0.333	30	
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0	<0.50	106	70-130	0.00	30	
1,1,2,2-Tetrachloroethane	24.1	0.50	ug/L	20.0	<0.50	121	62-134	0.0829	30	
Tetrachloroethylene (PCE)	19.7	0.50	ug/L	20.0	<0.50	98.7	70-130	2.72	30	
Toluene	19.5	0.50	ug/L	20.0	<0.50	97.6	81-123	0.0512	30	
1,2,3-Trichlorobenzene	22.3	0.50	ug/L	20.0	<0.50	112	73-144	1.65	30	
1,2,4-Trichlorobenzene	21.2	0.50	ug/L	20.0	<0.50	106	80-137	1.05	30	
1,1,1-Trichloroethane	20.2	0.50	ug/L	20.0	<0.50	101	62-164	0.745	30	
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0	<0.50	111	76-122	0.721	30	
Trichloroethylene (TCE)	19.8	0.50	ug/L	20.0	<0.50	98.8	72-136	0.706	30	
Trichlorofluoromethane (R11)	23.6	0.50	ug/L	20.0	<0.50	118	59-144	1.26	30	
1,2,3-Trichloropropane	24.0	0.50	ug/L	20.0	<0.50	120	69-135	3.52	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.6	0.50	ug/L	20.0	<0.50	93.0	62-126	0.803	30	
1,3,5-Trimethylbenzene	19.8	0.50	ug/L	20.0	<0.50	99.0	70-130	1.42	30	
1,2,4-Trimethylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	89-134	1.85	30	
Vinyl chloride	21.3	0.50	ug/L	20.0	<0.50	106	54-150	2.37	30	
o-Xylene	20.7	0.50	ug/L	20.0	<0.50	103	70-130	0.485	30	
m,p-Xylenes	40.6	1.0	ug/L	40.0	<1.0	102	70-130	0.296	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.3</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.4</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B1E1410 - EPA 3510C

Blank (B1E1410-BLK1)

Prepared: 05/14/21 Analyzed: 05/19/21

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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

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 B1E1410 - EPA 3510C</i>										
Blank (B1E1410-BLK1) Continued				Prepared: 05/14/21 Analyzed: 05/19/21						
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0484</i>		<i>mg/L</i>	<i>0.0400</i>		<i>121</i>	<i>50-150</i>			
LCS (B1E1410-BS1)				Prepared: 05/14/21 Analyzed: 05/19/21						
Diesel Range Organics as Diesel	0.506	0.10	mg/L	0.800		63.2	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0448</i>		<i>mg/L</i>	<i>0.0400</i>		<i>112</i>	<i>50-150</i>			
LCS Dup (B1E1410-BSD1)				Prepared: 05/14/21 Analyzed: 05/19/21						
Diesel Range Organics as Diesel	0.508	0.10	mg/L	0.800		63.5	36-132	0.518	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0460</i>		<i>mg/L</i>	<i>0.0400</i>		<i>115</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B1E1711 - *** DEFAULT PREP ***</i>										
Blank (B1E1711-BLK1)				Prepared & Analyzed: 05/17/21						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>42.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>84.0</i>	<i>80-120</i>			
LCS (B1E1711-BS1)				Prepared & Analyzed: 05/17/21						
Gasoline Range Organics (GRO)	449	100	ug/L	500		89.8	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 (B1E1711-BSD1)				Prepared & Analyzed: 05/17/21						
Gasoline Range Organics (GRO)	458	100	ug/L	500		91.6	75-125	2.00	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>51.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>104</i>	<i>80-120</i>			
Matrix Spike (B1E1711-MS1)				Source: 1E10008-08 Prepared & Analyzed: 05/17/21						
Gasoline Range Organics (GRO)	532	100	ug/L	500	140	78.3	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>46.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>92.5</i>	<i>80-120</i>			
Matrix Spike Dup (B1E1711-MSD1)				Source: 1E10008-08 Prepared & Analyzed: 05/17/21						
Gasoline Range Organics (GRO)	581	100	ug/L	500	140	88.2	70-130	8.91	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>51.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</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: A5334008
Date Received: 05/10/21
Date Reported: 06/01/21

Special Notes

[1] = **QR-02** : The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

A handwritten signature in black ink, appearing to read 'VA'.

Viorel Vasile
Operations Manager



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

June 07, 2021

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5334010 / 1E12014**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/12/21 17:32 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. Vasile'.

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	1E12014-01	Water	5	05/12/21 06:00	05/12/21 17:32
QCEB-1	1E12014-02	Water	5	05/12/21 07:30	05/12/21 17:32

8260B+OXYGENATES

GW-15	1E12014-03	Water	5	05/10/21 11:15	05/12/21 17:32
GMW-14R	1E12014-04	Water	5	05/10/21 11:55	05/12/21 17:32
TF-17R	1E12014-05	Water	5	05/10/21 12:47	05/12/21 17:32
GMW-35R	1E12014-06	Water	5	05/10/21 13:20	05/12/21 17:32
GMW-45	1E12014-07	Water	5	05/10/21 13:55	05/12/21 17:32
TF-23	1E12014-08	Water	5	05/12/21 08:00	05/12/21 17:32
TF-16	1E12014-09	Water	5	05/12/21 08:35	05/12/21 17:32
TF-15	1E12014-10	Water	5	05/12/21 09:10	05/12/21 17:32
DUP-7	1E12014-11	Water	5	05/12/21 00:00	05/12/21 17:32
GMW-7	1E12014-12	Water	5	05/12/21 09:45	05/12/21 17:32
TF-24	1E12014-13	Water	5	05/12/21 10:20	05/12/21 17:32
GMW-21	1E12014-14	Water	5	05/12/21 10:55	05/12/21 17:32
TF-18	1E12014-15	Water	5	05/12/21 11:30	05/12/21 17:32

Diesel Range Organics 8015M

QCEB-1	1E12014-02	Water	5	05/12/21 07:30	05/12/21 17:32
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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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GW-15	1E12014-03	Water	5	05/10/21 11:15	05/12/21 17:32
GMW-14R	1E12014-04	Water	5	05/10/21 11:55	05/12/21 17:32
TF-17R	1E12014-05	Water	5	05/10/21 12:47	05/12/21 17:32
GMW-35R	1E12014-06	Water	5	05/10/21 13:20	05/12/21 17:32
GMW-45	1E12014-07	Water	5	05/10/21 13:55	05/12/21 17:32
TF-23	1E12014-08	Water	5	05/12/21 08:00	05/12/21 17:32
TF-16	1E12014-09	Water	5	05/12/21 08:35	05/12/21 17:32
TF-15	1E12014-10	Water	5	05/12/21 09:10	05/12/21 17:32
DUP-7	1E12014-11	Water	5	05/12/21 00:00	05/12/21 17:32
GMW-7	1E12014-12	Water	5	05/12/21 09:45	05/12/21 17:32
TF-24	1E12014-13	Water	5	05/12/21 10:20	05/12/21 17:32
GMW-21	1E12014-14	Water	5	05/12/21 10:55	05/12/21 17:32
TF-18	1E12014-15	Water	5	05/12/21 11:30	05/12/21 17:32

Gasoline Range Organics 8015M

GW-15	1E12014-03	Water	5	05/10/21 11:15	05/12/21 17:32
GMW-14R	1E12014-04	Water	5	05/10/21 11:55	05/12/21 17:32
TF-17R	1E12014-05	Water	5	05/10/21 12:47	05/12/21 17:32
GMW-35R	1E12014-06	Water	5	05/10/21 13:20	05/12/21 17:32
GMW-45	1E12014-07	Water	5	05/10/21 13:55	05/12/21 17:32
TF-23	1E12014-08	Water	5	05/12/21 08:00	05/12/21 17:32

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
TF-16	1E12014-09	Water	5	05/12/21 08:35	05/12/21 17:32
TF-15	1E12014-10	Water	5	05/12/21 09:10	05/12/21 17:32
DUP-7	1E12014-11	Water	5	05/12/21 00:00	05/12/21 17:32
GMW-7	1E12014-12	Water	5	05/12/21 09:45	05/12/21 17:32
TF-24	1E12014-13	Water	5	05/12/21 10:20	05/12/21 17:32
GMW-21	1E12014-14	Water	5	05/12/21 10:55	05/12/21 17:32
TF-18	1E12014-15	Water	5	05/12/21 11:30	05/12/21 17:32

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	
Date Analyzed:	05/19/21	05/19/21	
AA ID No:	1E12014-01	1E12014-02	
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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	
Date Analyzed:	05/19/21	05/19/21	
AA ID No:	1E12014-01	1E12014-02	
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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	
Date Analyzed:	05/19/21	05/19/21	
AA ID No:	1E12014-01	1E12014-02	
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	87%	88%	80-129
Dibromofluoromethane	87%	85%	68-137
Toluene-d8	86%	86%	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/21/21	
Date Analyzed:	05/19/21	05/19/21	05/20/21	05/21/21	
AA ID No:	1E12014-03	1E12014-04	1E12014-05	1E12014-06	
Client ID No:	GW-15	GMW-14R	TF-17R	GMW-35R	
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	<0.50	<0.50	67	<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	<10	76	<10	10
sec-Butylbenzene	<0.50	<0.50	15	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<2.5	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	15	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	<2.5	<0.50	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/21/21	
Date Analyzed:	05/19/21	05/19/21	05/20/21	05/21/21	
AA ID No:	1E12014-03	1E12014-04	1E12014-05	1E12014-06	
Client ID No:	GW-15	GMW-14R	TF-17R	GMW-35R	
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	<0.50	<2.5	<0.50	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	<0.50	<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	<0.50	<0.50	260	<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	<0.50	<0.50	57	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	18	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<6.0	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<25	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	<50	<10	10
Naphthalene	<2.0	<2.0	140	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	62	<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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

	05/10/21	05/10/21	05/10/21	05/10/21	
Date Sampled:	05/10/21	05/10/21	05/10/21	05/10/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/21/21	
Date Analyzed:	05/19/21	05/19/21	05/20/21	05/21/21	
AA ID No:	1E12014-03	1E12014-04	1E12014-05	1E12014-06	
Client ID No:	GW-15	GMW-14R	TF-17R	GMW-35R	
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	<0.50	<0.50	110	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	230	<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	<1.0	<1.0	590	<1.0	1.0

Surrogates

					<u>%REC Limits</u>
4-Bromofluorobenzene	91%	92%	76% [5]	102%	80-129
Dibromofluoromethane	84%	89%	87%	83%	68-137
Toluene-d8	86%	87%	91%	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

	05/10/21	05/12/21	05/12/21	05/12/21	
Date Sampled:	05/10/21	05/12/21	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/19/21	
Date Analyzed:	05/20/21	05/20/21	05/20/21	05/20/21	
AA ID No:	1E12014-07	1E12014-08	1E12014-09	1E12014-10	
Client ID No:	GMW-45	TF-23	TF-16	TF-15	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	2	5	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<20	<50	<10	<10	10
tert-Amyl-Methyl Ether (TAME)	<4.0	<10	<2.0	<2.0	2.0
Benzene	1.1	<2.5	7.8	37	0.50
Bromobenzene	<1.0	<2.5	<0.50	<0.50	0.50
Bromochloromethane	<1.0	<2.5	<0.50	<0.50	0.50
Bromodichloromethane	<1.0	<2.5	<0.50	<0.50	0.50
Bromoform	<1.0	<2.5	<0.50	<0.50	0.50
Bromomethane	<1.0	<2.5	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<50	<10	<10	10
tert-Butyl Alcohol (TBA)	<20	810	<10	<10	10
sec-Butylbenzene	3.3	<2.5	5.6	6.8	0.50
tert-Butylbenzene	<1.0	<2.5	2.4	1.8	0.50
n-Butylbenzene	<1.0	<2.5	<0.50	1.6	0.50
Carbon Disulfide	<1.0	<2.5	<0.50	<0.50	0.50
Carbon Tetrachloride	<1.0	<2.5	<0.50	<0.50	0.50
Chlorobenzene	<1.0	<2.5	<0.50	<0.50	0.50
Chloroethane	<1.0	<2.5	<0.50	<0.50	0.50
Chloroform	<1.0	<2.5	<0.50	<0.50	0.50
Chloromethane	<1.0	<2.5	<0.50	<0.50	0.50
2-Chlorotoluene	<1.0	<2.5	<0.50	<0.50	0.50
4-Chlorotoluene	<1.0	<2.5	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<2.0	<5.0	<1.0	<1.0	1.0
Dibromochloromethane	<1.0	<2.5	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<1.0	<2.5	<0.50	<0.50	0.50
Dibromomethane	<1.0	<2.5	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<1.0	<2.5	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<1.0	<2.5	<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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

	05/10/21	05/12/21	05/12/21	05/12/21	
Date Sampled:	05/10/21	05/12/21	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/19/21	
Date Analyzed:	05/20/21	05/20/21	05/20/21	05/20/21	
AA ID No:	1E12014-07	1E12014-08	1E12014-09	1E12014-10	
Client ID No:	GMW-45	TF-23	TF-16	TF-15	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	2	5	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<1.0	<2.5	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<1.0	<2.5	<0.50	<0.50	0.50
1,1-Dichloroethane	<1.0	2.8	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<1.0	<2.5	<0.50	<0.50	0.50
1,1-Dichloroethylene	<1.0	<2.5	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<1.0	<2.5	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<1.0	<2.5	<0.50	<0.50	0.50
1,2-Dichloropropane	<1.0	<2.5	<0.50	<0.50	0.50
2,2-Dichloropropane	<1.0	<2.5	<0.50	<0.50	0.50
1,3-Dichloropropane	<1.0	<2.5	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<1.0	<2.5	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<1.0	<2.5	<0.50	<0.50	0.50
1,1-Dichloropropylene	<1.0	<2.5	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<4.0	<10	<2.0	<2.0	2.0
Ethylbenzene	<1.0	<2.5	0.61	15	0.50
Ethyl-tert-Butyl Ether (ETBE)	<4.0	<10	<2.0	<2.0	2.0
Hexachlorobutadiene	<2.0	<5.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<50	<10	<10	10
Isopropylbenzene	9.7	<2.5	22	49	0.50
4-Isopropyltoluene	3.9	<5.0	<1.0	2.6	1.0
Methyl-tert-Butyl Ether (MTBE)	<2.4	20	<1.2	<1.2	1.2
Methylene Chloride	<10	<25	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<50	<10	<10	10
Naphthalene	<4.0	<10	31	37	2.0
n-Propylbenzene	5.0	<2.5	22	32	0.50
Styrene	<1.0	<2.5	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<1.0	<2.5	<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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

	05/10/21	05/12/21	05/12/21	05/12/21	
Date Sampled:	05/10/21	05/12/21	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/19/21	
Date Analyzed:	05/20/21	05/20/21	05/20/21	05/20/21	
AA ID No:	1E12014-07	1E12014-08	1E12014-09	1E12014-10	
Client ID No:	GMW-45	TF-23	TF-16	TF-15	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	2	5	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<1.0	<2.5	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<1.0	<2.5	<0.50	<0.50	0.50
Toluene	<1.0	<2.5	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<1.0	<2.5	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<1.0	<2.5	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<1.0	<2.5	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<1.0	<2.5	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<1.0	<2.5	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<1.0	<2.5	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<1.0	<2.5	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<1.0	<2.5	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<1.0	<2.5	<0.50	8.4	0.50
1,2,4-Trimethylbenzene	3.3	<2.5	<0.50	19	0.50
Vinyl chloride	<1.0	<2.5	<0.50	<0.50	0.50
o-Xylene	<1.0	<2.5	<0.50	0.77	0.50
m,p-Xylenes	<2.0	<5.0	<1.0	18	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	83%	88%	78% [5]	75% [5]	80-129
Dibromofluoromethane	86%	84%	77%	79%	68-137
Toluene-d8	89%	88%	89%	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: VOCs & OXYGENATES by GC/MS

AA Project No: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/12/21	05/12/21	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/19/21	
Date Analyzed:	05/20/21	05/20/21	05/20/21	05/20/21	
AA ID No:	1E12014-11	1E12014-12	1E12014-13	1E12014-14	
Client ID No:	DUP-7	GMW-7	TF-24	GMW-21	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	2	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<20	<10	<10	10
tert-Amyl-Methyl Ether (TAME)	<2.0	<4.0	<2.0	<2.0	2.0
Benzene	46	100	<0.50	<0.50	0.50
Bromobenzene	<0.50	<1.0	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<1.0	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<1.0	<0.50	<0.50	0.50
Bromoform	<0.50	<1.0	<0.50	<0.50	0.50
Bromomethane	<0.50	<1.0	<0.50	<0.50	0.50
2-Butanone (MEK)	<10	<20	<10	<10	10
tert-Butyl Alcohol (TBA)	<10	<20	<10	<10	10
sec-Butylbenzene	9.9	3.8	<0.50	<0.50	0.50
tert-Butylbenzene	2.3	1.6	<0.50	<0.50	0.50
n-Butylbenzene	6.4	<1.0	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<1.0	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<1.0	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<1.0	<0.50	<0.50	0.50
Chloroethane	<0.50	<1.0	<0.50	<0.50	0.50
Chloroform	<0.50	<1.0	<0.50	<0.50	0.50
Chloromethane	<0.50	<1.0	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<1.0	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<1.0	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<2.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<1.0	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<1.0	<0.50	<0.50	0.50
Dibromomethane	<0.50	<1.0	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<1.0	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<1.0	<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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/12/21	05/12/21	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/19/21	
Date Analyzed:	05/20/21	05/20/21	05/20/21	05/20/21	
AA ID No:	1E12014-11	1E12014-12	1E12014-13	1E12014-14	
Client ID No:	DUP-7	GMW-7	TF-24	GMW-21	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	2	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<1.0	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<1.0	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<1.0	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<1.0	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<1.0	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<1.0	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	4.0	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<1.0	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<1.0	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<1.0	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<1.0	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<1.0	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<1.0	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<4.0	<2.0	<2.0	2.0
Ethylbenzene	53	2.5	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<4.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<2.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<10	<20	<10	<10	10
Isopropylbenzene	51	29	<0.50	<0.50	0.50
4-Isopropyltoluene	11	<2.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<2.4	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<10	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<20	<10	<10	10
Naphthalene	61	15	<2.0	<2.0	2.0
n-Propylbenzene	41	15	<0.50	<0.50	0.50
Styrene	<0.50	<1.0	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<1.0	<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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/12/21	05/12/21	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/19/21	
Date Analyzed:	05/20/21	05/20/21	05/20/21	05/20/21	
AA ID No:	1E12014-11	1E12014-12	1E12014-13	1E12014-14	
Client ID No:	DUP-7	GMW-7	TF-24	GMW-21	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	2	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<1.0	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<1.0	<0.50	<0.50	0.50
Toluene	1.6	<1.0	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<1.0	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<1.0	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<1.0	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<1.0	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<1.0	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<1.0	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<1.0	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<1.0	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	36	<1.0	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	60	1.2	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<1.0	<0.50	<0.50	0.50
o-Xylene	1.9	<1.0	<0.50	<0.50	0.50
m,p-Xylenes	62	<2.0	<1.0	<1.0	1.0

Surrogates

					<u>%REC Limits</u>
4-Bromofluorobenzene	77% [5]	82%	87%	88%	80-129
Dibromofluoromethane	79%	76%	82%	82%	68-137
Toluene-d8	91%	89%	87%	86%	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/12/21	
Date Prepared:	05/19/21	
Date Analyzed:	05/20/21	
AA ID No:	1E12014-15	
Client ID No:	TF-18	
Matrix:	Water	
Dilution Factor:	2	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<20	10
tert-Amyl-Methyl Ether (TAME)	<4.0	2.0
Benzene	13	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)	200	10
sec-Butylbenzene	10	0.50
tert-Butylbenzene	3.9	0.50
n-Butylbenzene	<1.0	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled: 05/12/21
Date Prepared: 05/19/21
Date Analyzed: 05/20/21
AA ID No: 1E12014-15
Client ID No: TF-18
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	<1.0	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	19	0.50
Ethyl-tert-Butyl Ether (ETBE)	<4.0	2.0
Hexachlorobutadiene	<2.0	1.0
2-Hexanone (MBK)	<20	10
Isopropylbenzene	21	0.50
4-Isopropyltoluene	21	1.0
Methyl-tert-Butyl Ether (MTBE)	<2.4	1.2
Methylene Chloride	<10	5.0
4-Methyl-2-pentanone (MIBK)	<20	10
Naphthalene	11	2.0
n-Propylbenzene	21	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/12/21	
Date Prepared:	05/19/21	
Date Analyzed:	05/20/21	
AA ID No:	1E12014-15	
Client ID No:	TF-18	
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	63	0.50
1,2,4-Trimethylbenzene	21	0.50
Vinyl chloride	<1.0	0.50
o-Xylene	2.0	0.50
m,p-Xylenes	2.0	1.0

<u>Surrogates</u>		<u>%REC Limits</u>
4-Bromofluorobenzene	96%	80-129
Dibromofluoromethane	80%	68-137
Toluene-d8	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: mg/L

Date Sampled:	05/12/21	05/10/21	05/10/21	05/10/21
Date Prepared:	05/18/21	05/14/21	05/14/21	05/14/21
Date Analyzed:	05/26/21	05/20/21	05/20/21	05/20/21
AA ID No:	1E12014-02	1E12014-03	1E12014-04	1E12014-05
Client ID No:	QCEB-1	GW-15	GMW-14R	TF-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	0.12	<0.10	5.6	0.10
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Surrogates

o-Terphenyl	118%	92%	74%	51%	<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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: mg/L

Date Sampled:	05/10/21	05/10/21	05/12/21	05/12/21	
Date Prepared:	05/14/21	05/14/21	05/18/21	05/18/21	
Date Analyzed:	05/20/21	05/20/21	05/26/21	05/26/21	
AA ID No:	1E12014-06	1E12014-07	1E12014-08	1E12014-09	
Client ID No:	GMW-35R	GMW-45	TF-23	TF-16	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	5	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.10	1.9	23	2.6	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	120%	84%	135%	137%	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: mg/L

Date Sampled:	05/12/21	05/12/21	05/12/21	05/12/21	
Date Prepared:	05/18/21	05/19/21	05/19/21	05/19/21	
Date Analyzed:	05/26/21	05/26/21	05/26/21	05/26/21	
AA ID No:	1E12014-10	1E12014-11	1E12014-12	1E12014-13	
Client ID No:	TF-15	DUP-7	GMW-7	TF-24	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	5	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	6.6	7.8	4.7	0.75	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	110%	114%	95%	125%	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: mg/L

Date Sampled:	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	
Date Analyzed:	05/26/21	05/27/21	
AA ID No:	1E12014-14	1E12014-15	
Client ID No:	GMW-21	TF-18	
Matrix:	Water	Water	
Dilution Factor:	1	10	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.57	21	0.10
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<u>Surrogates</u>			<u>%REC Limits</u>
o-Terphenyl	113%	112%	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/10/21	05/10/21	05/10/21	05/10/21
Date Prepared:	05/19/21	05/19/21	05/19/21	05/19/21
Date Analyzed:	05/19/21	05/19/21	05/19/21	05/19/21
AA ID No:	1E12014-03	1E12014-04	1E12014-05	1E12014-06
Client ID No:	GW-15	GMW-14R	TF-17R	GMW-35R
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	10	1
				MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	8600	<100	100
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Surrogates

a,a,a-Trifluorotoluene	80%	84%	83%	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/10/21	05/12/21	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/19/21	
Date Analyzed:	05/19/21	05/19/21	05/19/21	05/19/21	
AA ID No:	1E12014-07	1E12014-08	1E12014-09	1E12014-10	
Client ID No:	GMW-45	TF-23	TF-16	TF-15	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	5	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	1200	670	270	1100	100
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Surrogates

a,a,a-Trifluorotoluene	88%	84%	92%	100%	%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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/12/21	05/12/21	05/12/21	05/12/21	
Date Prepared:	05/19/21	05/19/21	05/19/21	05/19/21	
Date Analyzed:	05/19/21	05/19/21	05/19/21	05/19/21	
AA ID No:	1E12014-11	1E12014-12	1E12014-13	1E12014-14	
Client ID No:	DUP-7	GMW-7	TF-24	GMW-21	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	1800	710	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	106%	92%	84%	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21
Units: ug/L

Date Sampled:	05/12/21	
Date Prepared:	05/19/21	
Date Analyzed:	05/19/21	
AA ID No:	1E12014-15	
Client ID No:	TF-18	
Matrix:	Water	
Dilution Factor:	10	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	27000	100
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Surrogates

		<u>%REC Limits</u>
a,a,a-Trifluorotoluene	92%	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

Analyte	Result	Reporting	Units	Spike	Source	%REC	RPD	RPD	Notes
		Limit		Level	Result	%REC		Limits	

VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B1E1920 - EPA 5030B

Blank (B1E1920-BLK1)

Prepared & Analyzed: 05/19/21

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
Blank (B1E1920-BLK1) Continued										
Prepared & Analyzed: 05/19/21										
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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
Blank (B1E1920-BLK1) Continued										
Prepared & Analyzed: 05/19/21										
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>45.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.8</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>44.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>88.3</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>44.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>87.9</i>	<i>83-134</i>			
LCS (B1E1920-BS1)										
Prepared & Analyzed: 05/19/21										
Acetone	13.0	10	ug/L	20.0		64.8	27-123			
tert-Amyl-Methyl Ether (TAME)	20.2	2.0	ug/L	20.0		101	58-133			
Benzene	17.6	0.50	ug/L	20.0		88.2	60-134			
Bromobenzene	20.4	0.50	ug/L	20.0		102	70-130			
Bromochloromethane	19.8	0.50	ug/L	20.0		99.2	78-121			
Bromodichloromethane	18.6	0.50	ug/L	20.0		93.0	74-135			
Bromoform	19.8	0.50	ug/L	20.0		99.2	68-132			
Bromomethane	13.7	0.50	ug/L	20.0		68.5	58-142			
2-Butanone (MEK)	17.4	10	ug/L	20.0		87.2	62-138			
tert-Butyl Alcohol (TBA)	146	10	ug/L	100		146	65-148			
sec-Butylbenzene	18.6	0.50	ug/L	20.0		93.2	84-142			
tert-Butylbenzene	19.0	0.50	ug/L	20.0		95.1	70-130			
n-Butylbenzene	19.4	0.50	ug/L	20.0		97.0	70-130			
Carbon Disulfide	18.0	0.50	ug/L	20.0		89.9	17-177			
Carbon Tetrachloride	18.2	0.50	ug/L	20.0		90.8	66-155			
Chlorobenzene	18.0	0.50	ug/L	20.0		90.2	70-130			
Chloroethane	12.5	0.50	ug/L	20.0		62.4	45-166			
Chloroform	17.8	0.50	ug/L	20.0		89.0	71-131			
Chloromethane	14.3	0.50	ug/L	20.0		71.5	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
LCS (B1E1920-BS1) Continued						Prepared & Analyzed: 05/19/21				
2-Chlorotoluene	18.5	0.50	ug/L	20.0		92.5	70-130			
4-Chlorotoluene	19.5	0.50	ug/L	20.0		97.3	70-130			
1,2-Dibromo-3-chloropropane	18.6	1.0	ug/L	20.0		92.8	53-145			
Dibromochloromethane	17.9	0.50	ug/L	20.0		89.6	72-133			
1,2-Dibromoethane (EDB)	18.1	0.50	ug/L	20.0		90.6	79-120			
Dibromomethane	20.1	0.50	ug/L	20.0		100	68-124			
1,3-Dichlorobenzene	19.8	0.50	ug/L	20.0		98.8	70-130			
1,2-Dichlorobenzene	20.5	0.50	ug/L	20.0		102	70-130			
1,4-Dichlorobenzene	19.8	0.50	ug/L	20.0		99.0	70-130			
Dichlorodifluoromethane (R12)	24.1	0.50	ug/L	20.0		121	16-148			
1,1-Dichloroethane	17.2	0.50	ug/L	20.0		85.8	67-120			
1,2-Dichloroethane (EDC)	18.0	0.50	ug/L	20.0		90.0	57-156			
1,1-Dichloroethylene	17.4	0.50	ug/L	20.0		86.8	50-149			
trans-1,2-Dichloroethylene	18.1	0.50	ug/L	20.0		90.4	66-126			
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.5	70-124			
1,2-Dichloropropane	17.8	0.50	ug/L	20.0		89.0	53-139			
2,2-Dichloropropane	16.0	0.50	ug/L	20.0		79.8	44-162			
1,3-Dichloropropane	17.0	0.50	ug/L	20.0		84.9	79-113			
cis-1,3-Dichloropropylene	19.2	0.50	ug/L	20.0		96.2	67-127			
trans-1,3-Dichloropropylene	17.6	0.50	ug/L	20.0		88.0	76-121			
1,1-Dichloropropylene	17.3	0.50	ug/L	20.0		86.4	84-124			
Diisopropyl ether (DIPE)	17.1	2.0	ug/L	20.0		85.6	51-136			
Ethylbenzene	17.7	0.50	ug/L	20.0		88.4	86-124			
Ethyl-tert-Butyl Ether (ETBE)	19.1	2.0	ug/L	20.0		95.6	62-136			
Gasoline Range Organics (GRO)	404	100	ug/L	500		80.8	60-123			
Hexachlorobutadiene	20.7	1.0	ug/L	20.0		104	76-140			
2-Hexanone (MBK)	14.4	10	ug/L	20.0		71.8	52-123			
Isopropylbenzene	18.7	0.50	ug/L	20.0		93.6	70-130			
4-Isopropyltoluene	19.3	1.0	ug/L	20.0		96.6	70-130			
Methyl-tert-Butyl Ether (MTBE)	37.0	1.2	ug/L	40.0		92.5	58-144			
Methylene Chloride	18.4	5.0	ug/L	20.0		92.2	50-135			
4-Methyl-2-pentanone (MIBK)	19.5	10	ug/L	20.0		97.6	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
LCS (B1E1920-BS1) Continued										
Prepared & Analyzed: 05/19/21										
Naphthalene	18.5	2.0	ug/L	20.0		92.4	74-128			
n-Propylbenzene	19.2	0.50	ug/L	20.0		96.1	70-130			
Styrene	17.3	0.50	ug/L	20.0		86.6	84-123			
1,1,1,2-Tetrachloroethane	18.0	0.50	ug/L	20.0		90.1	70-130			
1,1,2,2-Tetrachloroethane	18.0	0.50	ug/L	20.0		90.2	58-126			
Tetrachloroethylene (PCE)	17.2	0.50	ug/L	20.0		85.9	70-130			
Toluene	16.4	0.50	ug/L	20.0		81.9	83-118			QL-07
1,2,3-Trichlorobenzene	20.7	0.50	ug/L	20.0		103	77-134			
1,2,4-Trichlorobenzene	21.3	0.50	ug/L	20.0		106	84-128			
1,1,1-Trichloroethane	17.9	0.50	ug/L	20.0		89.4	66-158			
1,1,2-Trichloroethane	17.3	0.50	ug/L	20.0		86.4	75-115			
Trichloroethylene (TCE)	17.8	0.50	ug/L	20.0		89.2	82-128			
Trichlorofluoromethane (R11)	18.3	0.50	ug/L	20.0		91.7	65-137			
1,2,3-Trichloropropane	18.0	0.50	ug/L	20.0		89.9	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	16.9	0.50	ug/L	20.0		84.6	62-130			
1,3,5-Trimethylbenzene	18.8	0.50	ug/L	20.0		93.9	70-130			
1,2,4-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130			
Vinyl chloride	14.3	0.50	ug/L	20.0		71.7	51-151			
o-Xylene	17.7	0.50	ug/L	20.0		88.6	70-130			
m,p-Xylenes	35.1	1.0	ug/L	40.0		87.8	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	44.5		ug/L	50.0		88.9	80-129			
<i>Surrogate: Dibromofluoromethane</i>	43.3		ug/L	50.0		86.7	68-137			
<i>Surrogate: Toluene-d8</i>	38.4		ug/L	50.0		76.7	83-134			S-GC, S-GC
LCS Dup (B1E1920-BSD1)										
Prepared: 05/19/21 Analyzed: 05/20/21										
Acetone	9.72	10	ug/L	20.0		48.6	27-123	28.6	30	
tert-Amyl-Methyl Ether (TAME)	19.2	2.0	ug/L	20.0		95.8	58-133	5.49	30	
Benzene	15.1	0.50	ug/L	20.0		75.6	60-134	15.4	30	
Bromobenzene	20.4	0.50	ug/L	20.0		102	70-130	0.245	30	
Bromochloromethane	17.7	0.50	ug/L	20.0		88.6	78-121	11.3	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
LCS Dup (B1E1920-BSD1) Continued										
					Prepared: 05/19/21 Analyzed: 05/20/21					
Bromodichloromethane	17.3	0.50	ug/L	20.0		86.7	74-135	7.01	30	
Bromoform	19.2	0.50	ug/L	20.0		95.8	68-132	3.59	30	
Bromomethane	14.1	0.50	ug/L	20.0		70.6	58-142	2.95	30	
2-Butanone (MEK)	14.0	10	ug/L	20.0		70.0	62-138	21.8	30	
tert-Butyl Alcohol (TBA)	99.0	10	ug/L	100		99.0	65-148	38.6	30	QR-02, QR-02
sec-Butylbenzene	18.2	0.50	ug/L	20.0		91.1	84-142	2.28	30	
tert-Butylbenzene	19.0	0.50	ug/L	20.0		95.0	70-130	0.105	30	
n-Butylbenzene	18.5	0.50	ug/L	20.0		92.5	70-130	4.75	30	
Carbon Disulfide	14.6	0.50	ug/L	20.0		73.0	17-177	20.8	30	
Carbon Tetrachloride	18.0	0.50	ug/L	20.0		89.8	66-155	1.05	30	
Chlorobenzene	17.3	0.50	ug/L	20.0		86.4	70-130	4.25	30	
Chloroethane	12.2	0.50	ug/L	20.0		61.0	45-166	2.27	30	
Chloroform	16.4	0.50	ug/L	20.0		82.0	71-131	8.19	30	
Chloromethane	11.9	0.50	ug/L	20.0		59.4	48-152	18.4	30	
2-Chlorotoluene	17.9	0.50	ug/L	20.0		89.6	70-130	3.13	30	
4-Chlorotoluene	18.6	0.50	ug/L	20.0		93.0	70-130	4.52	30	
1,2-Dibromo-3-chloropropane	16.9	1.0	ug/L	20.0		84.4	53-145	9.54	30	
Dibromochloromethane	17.3	0.50	ug/L	20.0		86.4	72-133	3.64	30	
1,2-Dibromoethane (EDB)	16.7	0.50	ug/L	20.0		83.4	79-120	8.22	30	
Dibromomethane	17.1	0.50	ug/L	20.0		85.4	68-124	16.1	30	
1,3-Dichlorobenzene	19.2	0.50	ug/L	20.0		96.0	70-130	2.77	30	
1,2-Dichlorobenzene	19.7	0.50	ug/L	20.0		98.6	70-130	3.68	30	
1,4-Dichlorobenzene	18.7	0.50	ug/L	20.0		93.6	70-130	5.61	30	
Dichlorodifluoromethane (R12)	22.9	0.50	ug/L	20.0		114	16-148	5.15	30	
1,1-Dichloroethane	14.3	0.50	ug/L	20.0		71.5	67-120	18.2	30	
1,2-Dichloroethane (EDC)	17.3	0.50	ug/L	20.0		86.7	57-156	3.74	30	
1,1-Dichloroethylene	15.1	0.50	ug/L	20.0		75.7	50-149	13.7	30	
trans-1,2-Dichloroethylene	15.1	0.50	ug/L	20.0		75.7	66-126	17.6	30	
cis-1,2-Dichloroethylene	15.6	0.50	ug/L	20.0		77.8	70-124	16.2	30	
1,2-Dichloropropane	15.0	0.50	ug/L	20.0		74.9	53-139	17.1	30	
2,2-Dichloropropane	13.9	0.50	ug/L	20.0		69.5	44-162	13.8	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
LCS Dup (B1E1920-BSD1) Continued										
					Prepared: 05/19/21 Analyzed: 05/20/21					
1,3-Dichloropropane	15.2	0.50	ug/L	20.0		76.2	79-113	10.9	30	QL-03, QL-03
cis-1,3-Dichloropropylene	16.5	0.50	ug/L	20.0		82.4	67-127	15.5	30	
trans-1,3-Dichloropropylene	15.5	0.50	ug/L	20.0		77.6	76-121	12.4	30	
1,1-Dichloropropylene	15.4	0.50	ug/L	20.0		77.0	84-124	11.5	30	QL-03, QL-03
Diisopropyl ether (DIPE)	13.9	2.0	ug/L	20.0		69.6	51-136	20.5	30	
Ethylbenzene	16.5	0.50	ug/L	20.0		82.3	86-124	7.20	30	QL-03
Ethyl-tert-Butyl Ether (ETBE)	18.4	2.0	ug/L	20.0		92.2	62-136	3.51	30	
Gasoline Range Organics (GRO)	315	100	ug/L	500		63.0	60-123	24.8	30	
Hexachlorobutadiene	22.5	1.0	ug/L	20.0		113	76-140	8.37	30	
2-Hexanone (MBK)	11.0	10	ug/L	20.0		55.1	52-123	26.3	30	
Isopropylbenzene	18.3	0.50	ug/L	20.0		91.6	70-130	2.16	30	
4-Isopropyltoluene	18.8	1.0	ug/L	20.0		94.2	70-130	2.52	30	
Methyl-tert-Butyl Ether (MTBE)	34.7	1.2	ug/L	40.0		86.8	58-144	6.33	30	
Methylene Chloride	15.4	5.0	ug/L	20.0		77.2	50-135	17.8	30	
4-Methyl-2-pentanone (MIBK)	17.3	10	ug/L	20.0		86.4	49-139	12.1	30	
Naphthalene	19.0	2.0	ug/L	20.0		95.0	74-128	2.78	30	
n-Propylbenzene	18.4	0.50	ug/L	20.0		92.0	70-130	4.36	30	
Styrene	17.8	0.50	ug/L	20.0		89.0	84-123	2.85	30	
1,1,1,2-Tetrachloroethane	17.7	0.50	ug/L	20.0		88.7	70-130	1.57	30	
1,1,2,2-Tetrachloroethane	14.4	0.50	ug/L	20.0		72.2	58-126	22.1	30	
Tetrachloroethylene (PCE)	17.4	0.50	ug/L	20.0		86.8	70-130	1.10	30	
Toluene	14.9	0.50	ug/L	20.0		74.4	83-118	9.53	30	QL-07
1,2,3-Trichlorobenzene	20.9	0.50	ug/L	20.0		105	77-134	1.11	30	
1,2,4-Trichlorobenzene	21.4	0.50	ug/L	20.0		107	84-128	0.375	30	
1,1,1-Trichloroethane	17.4	0.50	ug/L	20.0		87.2	66-158	2.55	30	
1,1,2-Trichloroethane	15.3	0.50	ug/L	20.0		76.4	75-115	12.3	30	
Trichloroethylene (TCE)	17.3	0.50	ug/L	20.0		86.6	82-128	2.90	30	
Trichlorofluoromethane (R11)	19.6	0.50	ug/L	20.0		98.2	65-137	6.85	30	
1,2,3-Trichloropropane	15.8	0.50	ug/L	20.0		79.0	68-123	12.8	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
LCS Dup (B1E1920-BSD1) Continued										
					Prepared: 05/19/21 Analyzed: 05/20/21					
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	14.7	0.50	ug/L	20.0		73.5	62-130	14.0	30	
1,3,5-Trimethylbenzene	18.4	0.50	ug/L	20.0		92.2	70-130	1.83	30	
1,2,4-Trimethylbenzene	18.7	0.50	ug/L	20.0		93.7	70-130	3.05	30	
Vinyl chloride	15.5	0.50	ug/L	20.0		77.4	51-151	7.65	30	
o-Xylene	16.4	0.50	ug/L	20.0		82.2	70-130	7.55	30	
m,p-Xylenes	33.0	1.0	ug/L	40.0		82.6	70-130	6.11	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>44.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>88.8</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>40.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>80.3</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>38.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>76.8</i>	<i>83-134</i>			S-GC, S-GC

VOCs & OXYGENATES by GC/MS - Quality Control

Batch B1E1920 - EPA 5030B

Blank (B1E1920-BLK1)

Prepared & Analyzed: 05/19/21

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							

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
Blank (B1E1920-BLK1) Continued										
Prepared & Analyzed: 05/19/21										
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
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							

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
Blank (B1E1920-BLK1) Continued										
Prepared & Analyzed: 05/19/21										
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							
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>45.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.8</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>44.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>88.3</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>44.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>87.9</i>	<i>83-134</i>			
LCS (B1E1920-BS1)										
Prepared & Analyzed: 05/19/21										
Acetone	13.0	10	ug/L	20.0		64.8	27-123			
tert-Amyl-Methyl Ether (TAME)	20.2	2.0	ug/L	20.0		101	58-133			
Benzene	17.6	0.50	ug/L	20.0		88.2	60-134			
Bromobenzene	20.4	0.50	ug/L	20.0		102	70-130			
Bromochloromethane	19.8	0.50	ug/L	20.0		99.2	78-121			

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
LCS (B1E1920-BS1) Continued										
Prepared & Analyzed: 05/19/21										
Bromodichloromethane	18.6	0.50	ug/L	20.0		93.0	74-135			
Bromoform	19.8	0.50	ug/L	20.0		99.2	68-132			
Bromomethane	13.7	0.50	ug/L	20.0		68.5	58-142			
2-Butanone (MEK)	17.4	10	ug/L	20.0		87.2	62-138			
tert-Butyl Alcohol (TBA)	146	10	ug/L	100		146	65-148			
sec-Butylbenzene	18.6	0.50	ug/L	20.0		93.2	84-142			
tert-Butylbenzene	19.0	0.50	ug/L	20.0		95.1	70-130			
n-Butylbenzene	19.4	0.50	ug/L	20.0		97.0	70-130			
Carbon Disulfide	18.0	0.50	ug/L	20.0		89.9	17-177			
Carbon Tetrachloride	18.2	0.50	ug/L	20.0		90.8	66-155			
Chlorobenzene	18.0	0.50	ug/L	20.0		90.2	70-130			
Chloroethane	12.5	0.50	ug/L	20.0		62.4	45-166			
Chloroform	17.8	0.50	ug/L	20.0		89.0	71-131			
Chloromethane	14.3	0.50	ug/L	20.0		71.5	48-152			
2-Chlorotoluene	18.5	0.50	ug/L	20.0		92.5	70-130			
4-Chlorotoluene	19.5	0.50	ug/L	20.0		97.3	70-130			
1,2-Dibromo-3-chloropropane	18.6	1.0	ug/L	20.0		92.8	53-145			
Dibromochloromethane	17.9	0.50	ug/L	20.0		89.6	72-133			
1,2-Dibromoethane (EDB)	18.1	0.50	ug/L	20.0		90.6	79-120			
Dibromomethane	20.1	0.50	ug/L	20.0		100	68-124			
1,3-Dichlorobenzene	19.8	0.50	ug/L	20.0		98.8	70-130			
1,2-Dichlorobenzene	20.5	0.50	ug/L	20.0		102	70-130			
1,4-Dichlorobenzene	19.8	0.50	ug/L	20.0		99.0	70-130			
Dichlorodifluoromethane (R12)	24.1	0.50	ug/L	20.0		121	16-148			
1,1-Dichloroethane	17.2	0.50	ug/L	20.0		85.8	67-120			
1,2-Dichloroethane (EDC)	18.0	0.50	ug/L	20.0		90.0	57-156			
1,1-Dichloroethylene	17.4	0.50	ug/L	20.0		86.8	50-149			
trans-1,2-Dichloroethylene	18.1	0.50	ug/L	20.0		90.4	66-126			
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.5	70-124			
1,2-Dichloropropane	17.8	0.50	ug/L	20.0		89.0	53-139			
2,2-Dichloropropane	16.0	0.50	ug/L	20.0		79.8	44-162			
1,3-Dichloropropane	17.0	0.50	ug/L	20.0		84.9	79-113			

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
LCS (B1E1920-BS1) Continued										
Prepared & Analyzed: 05/19/21										
cis-1,3-Dichloropropylene	19.2	0.50	ug/L	20.0		96.2	67-127			
trans-1,3-Dichloropropylene	17.6	0.50	ug/L	20.0		88.0	76-121			
1,1-Dichloropropylene	17.3	0.50	ug/L	20.0		86.4	84-124			
Diisopropyl ether (DIPE)	17.1	2.0	ug/L	20.0		85.6	51-136			
Ethylbenzene	17.7	0.50	ug/L	20.0		88.4	86-124			
Ethyl-tert-Butyl Ether (ETBE)	19.1	2.0	ug/L	20.0		95.6	62-136			
Hexachlorobutadiene	20.7	1.0	ug/L	20.0		104	76-140			
2-Hexanone (MBK)	14.4	10	ug/L	20.0		71.8	52-123			
Isopropylbenzene	18.7	0.50	ug/L	20.0		93.6	70-130			
4-Isopropyltoluene	19.3	1.0	ug/L	20.0		96.6	70-130			
Methyl-tert-Butyl Ether (MTBE)	37.0	1.2	ug/L	40.0		92.5	58-144			
Methylene Chloride	18.4	5.0	ug/L	20.0		92.2	50-135			
4-Methyl-2-pentanone (MIBK)	19.5	10	ug/L	20.0		97.6	49-139			
Naphthalene	18.5	2.0	ug/L	20.0		92.4	74-128			
n-Propylbenzene	19.2	0.50	ug/L	20.0		96.1	70-130			
Styrene	17.3	0.50	ug/L	20.0		86.6	84-123			
1,1,1,2-Tetrachloroethane	18.0	0.50	ug/L	20.0		90.1	70-130			
1,1,2,2-Tetrachloroethane	18.0	0.50	ug/L	20.0		90.2	58-126			
Tetrachloroethylene (PCE)	17.2	0.50	ug/L	20.0		85.9	70-130			
Toluene	16.4	0.50	ug/L	20.0		81.9	83-118			QL-07
1,2,3-Trichlorobenzene	20.7	0.50	ug/L	20.0		103	77-134			
1,2,4-Trichlorobenzene	21.3	0.50	ug/L	20.0		106	84-128			
1,1,1-Trichloroethane	17.9	0.50	ug/L	20.0		89.4	66-158			
1,1,2-Trichloroethane	17.3	0.50	ug/L	20.0		86.4	75-115			
Trichloroethylene (TCE)	17.8	0.50	ug/L	20.0		89.2	82-128			
Trichlorofluoromethane (R11)	18.3	0.50	ug/L	20.0		91.7	65-137			
1,2,3-Trichloropropane	18.0	0.50	ug/L	20.0		89.9	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	16.9	0.50	ug/L	20.0		84.6	62-130			
1,3,5-Trimethylbenzene	18.8	0.50	ug/L	20.0		93.9	70-130			
1,2,4-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130			
Vinyl chloride	14.3	0.50	ug/L	20.0		71.7	51-151			

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
LCS (B1E1920-BS1) Continued										
Prepared & Analyzed: 05/19/21										
o-Xylene	17.7	0.50	ug/L	20.0		88.6	70-130			
m,p-Xylenes	35.1	1.0	ug/L	40.0		87.8	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	44.5		ug/L	50.0		88.9	80-129			
<i>Surrogate: Dibromofluoromethane</i>	43.3		ug/L	50.0		86.7	68-137			
<i>Surrogate: Toluene-d8</i>	38.4		ug/L	50.0		76.7	83-134			S-GC
LCS Dup (B1E1920-BSD1)										
Prepared: 05/19/21 Analyzed: 05/20/21										
Acetone	9.72	10	ug/L	20.0		48.6	27-123	28.6	30	
tert-Amyl-Methyl Ether (TAME)	19.2	2.0	ug/L	20.0		95.8	58-133	5.49	30	
Benzene	15.1	0.50	ug/L	20.0		75.6	60-134	15.4	30	
Bromobenzene	20.4	0.50	ug/L	20.0		102	70-130	0.245	30	
Bromochloromethane	17.7	0.50	ug/L	20.0		88.6	78-121	11.3	30	
Bromodichloromethane	17.3	0.50	ug/L	20.0		86.7	74-135	7.01	30	
Bromoform	19.2	0.50	ug/L	20.0		95.8	68-132	3.59	30	
Bromomethane	14.1	0.50	ug/L	20.0		70.6	58-142	2.95	30	
2-Butanone (MEK)	14.0	10	ug/L	20.0		70.0	62-138	21.8	30	
tert-Butyl Alcohol (TBA)	99.0	10	ug/L	100		99.0	65-148	38.6	30	QR-02
sec-Butylbenzene	18.2	0.50	ug/L	20.0		91.1	84-142	2.28	30	
tert-Butylbenzene	19.0	0.50	ug/L	20.0		95.0	70-130	0.105	30	
n-Butylbenzene	18.5	0.50	ug/L	20.0		92.5	70-130	4.75	30	
Carbon Disulfide	14.6	0.50	ug/L	20.0		73.0	17-177	20.8	30	
Carbon Tetrachloride	18.0	0.50	ug/L	20.0		89.8	66-155	1.05	30	
Chlorobenzene	17.3	0.50	ug/L	20.0		86.4	70-130	4.25	30	
Chloroethane	12.2	0.50	ug/L	20.0		61.0	45-166	2.27	30	
Chloroform	16.4	0.50	ug/L	20.0		82.0	71-131	8.19	30	
Chloromethane	11.9	0.50	ug/L	20.0		59.4	48-152	18.4	30	
2-Chlorotoluene	17.9	0.50	ug/L	20.0		89.6	70-130	3.13	30	
4-Chlorotoluene	18.6	0.50	ug/L	20.0		93.0	70-130	4.52	30	
1,2-Dibromo-3-chloropropane	16.9	1.0	ug/L	20.0		84.4	53-145	9.54	30	
Dibromochloromethane	17.3	0.50	ug/L	20.0		86.4	72-133	3.64	30	
1,2-Dibromoethane (EDB)	16.7	0.50	ug/L	20.0		83.4	79-120	8.22	30	
Dibromomethane	17.1	0.50	ug/L	20.0		85.4	68-124	16.1	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B</i>										
LCS Dup (B1E1920-BSD1) Continued										
					Prepared: 05/19/21 Analyzed: 05/20/21					
1,3-Dichlorobenzene	19.2	0.50	ug/L	20.0		96.0	70-130	2.77	30	
1,2-Dichlorobenzene	19.7	0.50	ug/L	20.0		98.6	70-130	3.68	30	
1,4-Dichlorobenzene	18.7	0.50	ug/L	20.0		93.6	70-130	5.61	30	
Dichlorodifluoromethane (R12)	22.9	0.50	ug/L	20.0		114	16-148	5.15	30	
1,1-Dichloroethane	14.3	0.50	ug/L	20.0		71.5	67-120	18.2	30	
1,2-Dichloroethane (EDC)	17.3	0.50	ug/L	20.0		86.7	57-156	3.74	30	
1,1-Dichloroethylene	15.1	0.50	ug/L	20.0		75.7	50-149	13.7	30	
trans-1,2-Dichloroethylene	15.1	0.50	ug/L	20.0		75.7	66-126	17.6	30	
cis-1,2-Dichloroethylene	15.6	0.50	ug/L	20.0		77.8	70-124	16.2	30	
1,2-Dichloropropane	15.0	0.50	ug/L	20.0		74.9	53-139	17.1	30	
2,2-Dichloropropane	13.9	0.50	ug/L	20.0		69.5	44-162	13.8	30	
1,3-Dichloropropane	15.2	0.50	ug/L	20.0		76.2	79-113	10.9	30	QL-03
cis-1,3-Dichloropropylene	16.5	0.50	ug/L	20.0		82.4	67-127	15.5	30	
trans-1,3-Dichloropropylene	15.5	0.50	ug/L	20.0		77.6	76-121	12.4	30	
1,1-Dichloropropylene	15.4	0.50	ug/L	20.0		77.0	84-124	11.5	30	QL-03
Diisopropyl ether (DIPE)	13.9	2.0	ug/L	20.0		69.6	51-136	20.5	30	
Ethylbenzene	16.5	0.50	ug/L	20.0		82.3	86-124	7.20	30	
Ethyl-tert-Butyl Ether (ETBE)	18.4	2.0	ug/L	20.0		92.2	62-136	3.51	30	
Hexachlorobutadiene	22.5	1.0	ug/L	20.0		113	76-140	8.37	30	
2-Hexanone (MBK)	11.0	10	ug/L	20.0		55.1	52-123	26.3	30	
Isopropylbenzene	18.3	0.50	ug/L	20.0		91.6	70-130	2.16	30	
4-Isopropyltoluene	18.8	1.0	ug/L	20.0		94.2	70-130	2.52	30	
Methyl-tert-Butyl Ether (MTBE)	34.7	1.2	ug/L	40.0		86.8	58-144	6.33	30	
Methylene Chloride	15.4	5.0	ug/L	20.0		77.2	50-135	17.8	30	
4-Methyl-2-pentanone (MIBK)	17.3	10	ug/L	20.0		86.4	49-139	12.1	30	
Naphthalene	19.0	2.0	ug/L	20.0		95.0	74-128	2.78	30	
n-Propylbenzene	18.4	0.50	ug/L	20.0		92.0	70-130	4.36	30	
Styrene	17.8	0.50	ug/L	20.0		89.0	84-123	2.85	30	
1,1,1,2-Tetrachloroethane	17.7	0.50	ug/L	20.0		88.7	70-130	1.57	30	
1,1,2,2-Tetrachloroethane	14.4	0.50	ug/L	20.0		72.2	58-126	22.1	30	
Tetrachloroethylene (PCE)	17.4	0.50	ug/L	20.0		86.8	70-130	1.10	30	
Toluene	14.9	0.50	ug/L	20.0		74.4	83-118	9.53	30	QL-07

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1920 - EPA 5030B

LCS Dup (B1E1920-BSD1) Continued

Prepared: 05/19/21 Analyzed: 05/20/21

1,2,3-Trichlorobenzene	20.9	0.50	ug/L	20.0		105	77-134	1.11	30	
1,2,4-Trichlorobenzene	21.4	0.50	ug/L	20.0		107	84-128	0.375	30	
1,1,1-Trichloroethane	17.4	0.50	ug/L	20.0		87.2	66-158	2.55	30	
1,1,2-Trichloroethane	15.3	0.50	ug/L	20.0		76.4	75-115	12.3	30	
Trichloroethylene (TCE)	17.3	0.50	ug/L	20.0		86.6	82-128	2.90	30	
Trichlorofluoromethane (R11)	19.6	0.50	ug/L	20.0		98.2	65-137	6.85	30	
1,2,3-Trichloropropane	15.8	0.50	ug/L	20.0		79.0	68-123	12.8	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	14.7	0.50	ug/L	20.0		73.5	62-130	14.0	30	
1,3,5-Trimethylbenzene	18.4	0.50	ug/L	20.0		92.2	70-130	1.83	30	
1,2,4-Trimethylbenzene	18.7	0.50	ug/L	20.0		93.7	70-130	3.05	30	
Vinyl chloride	15.5	0.50	ug/L	20.0		77.4	51-151	7.65	30	
o-Xylene	16.4	0.50	ug/L	20.0		82.2	70-130	7.55	30	
m,p-Xylenes	33.0	1.0	ug/L	40.0		82.6	70-130	6.11	30	
Surrogate: 4-Bromofluorobenzene	44.4		ug/L	50.0		88.8	80-129			
Surrogate: Dibromofluoromethane	40.2		ug/L	50.0		80.3	68-137			
Surrogate: Toluene-d8	38.4		ug/L	50.0		76.8	83-134			S-GC

Batch B1E2815 - EPA 5030B

Blank (B1E2815-BLK1)

Prepared & Analyzed: 05/21/21

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							

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E2815 - EPA 5030B</i>										
Blank (B1E2815-BLK1) Continued										
Prepared & Analyzed: 05/21/21										
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
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							

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E2815 - EPA 5030B</i>										
Blank (B1E2815-BLK1) Continued										
Prepared & Analyzed: 05/21/21										
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							
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>58.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>116</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>42.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>84.8</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>48.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.9</i>	<i>83-134</i>			
LCS (B1E2815-BS1)										
Prepared & Analyzed: 05/21/21										

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E2815 - EPA 5030B</i>										
LCS (B1E2815-BS1) Continued						Prepared & Analyzed: 05/21/21				
Acetone	10.8	10	ug/L	20.0		54.1	27-123			
tert-Amyl-Methyl Ether (TAME)	17.1	2.0	ug/L	20.0		85.6	58-133			
Benzene	18.1	0.50	ug/L	20.0		90.4	60-134			
Bromobenzene	19.8	0.50	ug/L	20.0		99.2	70-130			
Bromochloromethane	18.5	0.50	ug/L	20.0		92.7	78-121			
Bromodichloromethane	18.7	0.50	ug/L	20.0		93.4	74-135			
Bromoform	19.3	0.50	ug/L	20.0		96.6	68-132			
Bromomethane	22.2	0.50	ug/L	20.0		111	58-142			
2-Butanone (MEK)	14.4	10	ug/L	20.0		71.8	62-138			
tert-Butyl Alcohol (TBA)	89.7	10	ug/L	100		89.7	65-148			
sec-Butylbenzene	21.5	0.50	ug/L	20.0		107	84-142			
tert-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
n-Butylbenzene	19.9	0.50	ug/L	20.0		99.6	70-130			
Carbon Disulfide	19.2	0.50	ug/L	20.0		96.1	17-177			
Carbon Tetrachloride	19.2	0.50	ug/L	20.0		96.0	66-155			
Chlorobenzene	19.4	0.50	ug/L	20.0		97.2	70-130			
Chloroethane	19.0	0.50	ug/L	20.0		94.8	45-166			
Chloroform	18.6	0.50	ug/L	20.0		92.8	71-131			
Chloromethane	16.7	0.50	ug/L	20.0		83.3	48-152			
2-Chlorotoluene	21.4	0.50	ug/L	20.0		107	70-130			
4-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130			
1,2-Dibromo-3-chloropropane	16.4	1.0	ug/L	20.0		82.2	53-145			
Dibromochloromethane	20.0	0.50	ug/L	20.0		100	72-133			
1,2-Dibromoethane (EDB)	18.8	0.50	ug/L	20.0		94.0	79-120			
Dibromomethane	18.2	0.50	ug/L	20.0		91.2	68-124			
1,3-Dichlorobenzene	19.8	0.50	ug/L	20.0		98.9	70-130			
1,2-Dichlorobenzene	19.3	0.50	ug/L	20.0		96.6	70-130			
1,4-Dichlorobenzene	19.2	0.50	ug/L	20.0		95.9	70-130			
Dichlorodifluoromethane (R12)	16.0	0.50	ug/L	20.0		80.0	16-148			
1,1-Dichloroethane	19.6	0.50	ug/L	20.0		97.8	67-120			
1,2-Dichloroethane (EDC)	19.5	0.50	ug/L	20.0		97.3	57-156			
1,1-Dichloroethylene	20.6	0.50	ug/L	20.0		103	50-149			

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E2815 - EPA 5030B</i>										
LCS (B1E2815-BS1) Continued										
Prepared & Analyzed: 05/21/21										
trans-1,2-Dichloroethylene	19.3	0.50	ug/L	20.0		96.4	66-126			
cis-1,2-Dichloroethylene	19.3	0.50	ug/L	20.0		96.3	70-124			
1,2-Dichloropropane	17.8	0.50	ug/L	20.0		89.0	53-139			
2,2-Dichloropropane	19.4	0.50	ug/L	20.0		97.2	44-162			
1,3-Dichloropropane	17.8	0.50	ug/L	20.0		89.0	79-113			
cis-1,3-Dichloropropylene	19.1	0.50	ug/L	20.0		95.6	67-127			
trans-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0		94.3	76-121			
1,1-Dichloropropylene	18.9	0.50	ug/L	20.0		94.5	84-124			
Diisopropyl ether (DIPE)	17.8	2.0	ug/L	20.0		89.0	51-136			
Ethylbenzene	18.1	0.50	ug/L	20.0		90.4	86-124			
Ethyl-tert-Butyl Ether (ETBE)	18.2	2.0	ug/L	20.0		91.0	62-136			
Hexachlorobutadiene	18.7	1.0	ug/L	20.0		93.4	76-140			
2-Hexanone (MBK)	18.0	10	ug/L	20.0		89.8	52-123			
Isopropylbenzene	19.9	0.50	ug/L	20.0		99.6	70-130			
4-Isopropyltoluene	21.4	1.0	ug/L	20.0		107	70-130			
Methyl-tert-Butyl Ether (MTBE)	35.4	1.2	ug/L	40.0		88.5	58-144			
Methylene Chloride	20.4	5.0	ug/L	20.0		102	50-135			
4-Methyl-2-pentanone (MIBK)	17.6	10	ug/L	20.0		87.9	49-139			
Naphthalene	14.6	2.0	ug/L	20.0		72.8	74-128			QL-07
n-Propylbenzene	19.4	0.50	ug/L	20.0		97.0	70-130			
Styrene	19.9	0.50	ug/L	20.0		99.5	84-123			
1,1,1,2-Tetrachloroethane	19.0	0.50	ug/L	20.0		94.8	70-130			
1,1,2,2-Tetrachloroethane	19.0	0.50	ug/L	20.0		95.2	58-126			
Tetrachloroethylene (PCE)	20.1	0.50	ug/L	20.0		100	70-130			
Toluene	19.4	0.50	ug/L	20.0		97.0	83-118			
1,2,3-Trichlorobenzene	15.6	0.50	ug/L	20.0		78.2	77-134			
1,2,4-Trichlorobenzene	16.8	0.50	ug/L	20.0		83.8	84-128			QL-02
1,1,1-Trichloroethane	18.8	0.50	ug/L	20.0		94.2	66-158			
1,1,2-Trichloroethane	17.9	0.50	ug/L	20.0		89.5	75-115			
Trichloroethylene (TCE)	18.2	0.50	ug/L	20.0		90.9	82-128			
Trichlorofluoromethane (R11)	19.2	0.50	ug/L	20.0		96.2	65-137			
1,2,3-Trichloropropane	19.0	0.50	ug/L	20.0		94.8	68-123			

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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E2815 - EPA 5030B</i>										
LCS (B1E2815-BS1) Continued										
Prepared & Analyzed: 05/21/21										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.5	0.50	ug/L	20.0		92.6	62-130			
1,3,5-Trimethylbenzene	20.4	0.50	ug/L	20.0		102	70-130			
1,2,4-Trimethylbenzene	21.3	0.50	ug/L	20.0		107	70-130			
Vinyl chloride	16.8	0.50	ug/L	20.0		84.1	51-151			
o-Xylene	19.6	0.50	ug/L	20.0		97.8	70-130			
m,p-Xylenes	41.0	1.0	ug/L	40.0		102	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	45.2		ug/L	50.0		90.5	80-129			
<i>Surrogate: Dibromofluoromethane</i>	49.5		ug/L	50.0		98.9	68-137			
<i>Surrogate: Toluene-d8</i>	45.8		ug/L	50.0		91.5	83-134			
LCS Dup (B1E2815-BSD1)										
Prepared & Analyzed: 05/21/21										
Acetone	19.7	10	ug/L	20.0		98.4	27-123	58.1	30	QR-02
tert-Amyl-Methyl Ether (TAME)	18.4	2.0	ug/L	20.0		92.2	58-133	7.37	30	
Benzene	20.1	0.50	ug/L	20.0		101	60-134	10.6	30	
Bromobenzene	19.7	0.50	ug/L	20.0		98.6	70-130	0.556	30	
Bromochloromethane	20.5	0.50	ug/L	20.0		103	78-121	10.1	30	
Bromodichloromethane	20.1	0.50	ug/L	20.0		100	74-135	7.22	30	
Bromoform	18.5	0.50	ug/L	20.0		92.6	68-132	4.17	30	
Bromomethane	20.6	0.50	ug/L	20.0		103	58-142	7.48	30	
2-Butanone (MEK)	18.7	10	ug/L	20.0		93.3	62-138	26.0	30	
tert-Butyl Alcohol (TBA)	94.4	10	ug/L	100		94.4	65-148	5.11	30	
sec-Butylbenzene	23.0	0.50	ug/L	20.0		115	84-142	6.83	30	
tert-Butylbenzene	22.2	0.50	ug/L	20.0		111	70-130	4.89	30	
n-Butylbenzene	20.3	0.50	ug/L	20.0		102	70-130	2.04	30	
Carbon Disulfide	21.6	0.50	ug/L	20.0		108	17-177	11.4	30	
Carbon Tetrachloride	20.1	0.50	ug/L	20.0		100	66-155	4.33	30	
Chlorobenzene	20.1	0.50	ug/L	20.0		100	70-130	3.24	30	
Chloroethane	19.0	0.50	ug/L	20.0		95.2	45-166	0.421	30	
Chloroform	20.3	0.50	ug/L	20.0		102	71-131	8.96	30	
Chloromethane	17.0	0.50	ug/L	20.0		84.8	48-152	1.84	30	
2-Chlorotoluene	22.4	0.50	ug/L	20.0		112	70-130	4.93	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E2815 - EPA 5030B</i>										
LCS Dup (B1E2815-BSD1) Continued										
Prepared & Analyzed: 05/21/21										
4-Chlorotoluene	21.7	0.50	ug/L	20.0		109	70-130	5.54	30	
1,2-Dibromo-3-chloropropane	16.7	1.0	ug/L	20.0		83.3	53-145	1.27	30	
Dibromochloromethane	19.1	0.50	ug/L	20.0		95.4	72-133	4.76	30	
1,2-Dibromoethane (EDB)	18.6	0.50	ug/L	20.0		92.8	79-120	1.23	30	
Dibromomethane	14.9	0.50	ug/L	20.0		74.4	68-124	20.4	30	
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0		102	70-130	3.38	30	
1,2-Dichlorobenzene	19.7	0.50	ug/L	20.0		98.6	70-130	2.15	30	
1,4-Dichlorobenzene	20.0	0.50	ug/L	20.0		99.8	70-130	3.94	30	
Dichlorodifluoromethane (R12)	15.3	0.50	ug/L	20.0		76.3	16-148	4.67	30	
1,1-Dichloroethane	22.0	0.50	ug/L	20.0		110	67-120	11.7	30	
1,2-Dichloroethane (EDC)	20.9	0.50	ug/L	20.0		105	57-156	7.33	30	
1,1-Dichloroethylene	21.8	0.50	ug/L	20.0		109	50-149	5.56	30	
trans-1,2-Dichloroethylene	21.2	0.50	ug/L	20.0		106	66-126	9.49	30	
cis-1,2-Dichloroethylene	20.8	0.50	ug/L	20.0		104	70-124	7.93	30	
1,2-Dichloropropane	19.8	0.50	ug/L	20.0		99.2	53-139	10.8	30	
2,2-Dichloropropane	19.3	0.50	ug/L	20.0		96.7	44-162	0.567	30	
1,3-Dichloropropane	18.0	0.50	ug/L	20.0		90.2	79-113	1.34	30	
cis-1,3-Dichloropropylene	19.0	0.50	ug/L	20.0		95.1	67-127	0.577	30	
trans-1,3-Dichloropropylene	19.4	0.50	ug/L	20.0		96.9	76-121	2.72	30	
1,1-Dichloropropylene	20.7	0.50	ug/L	20.0		104	84-124	9.14	30	
Diisopropyl ether (DIPE)	19.4	2.0	ug/L	20.0		96.9	51-136	8.44	30	
Ethylbenzene	18.6	0.50	ug/L	20.0		93.2	86-124	3.10	30	
Ethyl-tert-Butyl Ether (ETBE)	19.1	2.0	ug/L	20.0		95.7	62-136	5.09	30	
Hexachlorobutadiene	19.6	1.0	ug/L	20.0		98.2	76-140	4.96	30	
2-Hexanone (MBK)	18.2	10	ug/L	20.0		91.0	52-123	1.38	30	
Isopropylbenzene	21.2	0.50	ug/L	20.0		106	70-130	6.22	30	
4-Isopropyltoluene	22.5	1.0	ug/L	20.0		113	70-130	4.96	30	
Methyl-tert-Butyl Ether (MTBE)	36.7	1.2	ug/L	40.0		91.8	58-144	3.69	30	
Methylene Chloride	21.6	5.0	ug/L	20.0		108	50-135	5.71	30	
4-Methyl-2-pentanone (MIBK)	17.6	10	ug/L	20.0		88.2	49-139	0.397	30	
Naphthalene	14.5	2.0	ug/L	20.0		72.7	74-128	0.137	30	QL-07
n-Propylbenzene	20.6	0.50	ug/L	20.0		103	70-130	6.20	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E2815 - EPA 5030B

LCS Dup (B1E2815-BSD1) Continued

Prepared & Analyzed: 05/21/21

Styrene	20.0	0.50	ug/L	20.0		99.8	84-123	0.251	30	
1,1,1,2-Tetrachloroethane	19.6	0.50	ug/L	20.0		98.0	70-130	3.32	30	
1,1,2,2-Tetrachloroethane	18.9	0.50	ug/L	20.0		94.6	58-126	0.738	30	
Tetrachloroethylene (PCE)	19.2	0.50	ug/L	20.0		95.9	70-130	4.58	30	
Toluene	19.9	0.50	ug/L	20.0		99.7	83-118	2.80	30	
1,2,3-Trichlorobenzene	16.4	0.50	ug/L	20.0		81.8	77-134	4.63	30	
1,2,4-Trichlorobenzene	16.8	0.50	ug/L	20.0		84.2	84-128	0.536	30	
1,1,1-Trichloroethane	20.0	0.50	ug/L	20.0		100	66-158	6.08	30	
1,1,2-Trichloroethane	18.0	0.50	ug/L	20.0		90.2	75-115	0.834	30	
Trichloroethylene (TCE)	20.4	0.50	ug/L	20.0		102	82-128	11.3	30	
Trichlorofluoromethane (R11)	18.4	0.50	ug/L	20.0		92.0	65-137	4.41	30	
1,2,3-Trichloropropane	18.8	0.50	ug/L	20.0		93.8	68-123	1.17	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.6	0.50	ug/L	20.0		98.2	62-130	5.77	30	
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.0		107	70-130	4.46	30	
1,2,4-Trimethylbenzene	22.4	0.50	ug/L	20.0		112	70-130	5.03	30	
Vinyl chloride	16.8	0.50	ug/L	20.0		84.1	51-151	0.00	30	
o-Xylene	20.3	0.50	ug/L	20.0		102	70-130	3.91	30	
m,p-Xylenes	41.1	1.0	ug/L	40.0		103	70-130	0.268	30	
Surrogate: 4-Bromofluorobenzene	46.8		ug/L	50.0		93.6	80-129			
Surrogate: Dibromofluoromethane	47.5		ug/L	50.0		95.1	68-137			
Surrogate: Toluene-d8	47.3		ug/L	50.0		94.6	83-134			

Diesel Range Organics by GC/FID - Quality Control

Batch B1E1410 - EPA 3510C

Blank (B1E1410-BLK1)

Prepared: 05/14/21 Analyzed: 05/19/21

Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
Surrogate: o-Terphenyl	0.0484		mg/L	0.0400		121	50-150			
LCS (B1E1410-BS1)										
Diesel Range Organics as Diesel	0.506	0.10	mg/L	0.800		63.2	36-132			
Surrogate: o-Terphenyl	0.0448		mg/L	0.0400		112	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1410 - EPA 3510C</i>										
LCS Dup (B1E1410-BSD1) Prepared: 05/14/21 Analyzed: 05/19/21										
Diesel Range Organics as Diesel	0.508	0.10	mg/L	0.800	63.5	36-132	0.518	30		
<i>Surrogate: o-Terphenyl</i>	<i>0.0460</i>		<i>mg/L</i>	<i>0.0400</i>	<i>115</i>	<i>50-150</i>				
<i>Batch B1E1828 - EPA 3510C</i>										
Blank (B1E1828-BLK1) Prepared: 05/18/21 Analyzed: 05/25/21										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0454</i>		<i>mg/L</i>	<i>0.0400</i>	<i>113</i>	<i>50-150</i>				
LCS (B1E1828-BS1) Prepared: 05/18/21 Analyzed: 05/25/21										
Diesel Range Organics as Diesel	0.409	0.10	mg/L	0.800	51.1	36-132				
<i>Surrogate: o-Terphenyl</i>	<i>0.0470</i>		<i>mg/L</i>	<i>0.0400</i>	<i>118</i>	<i>50-150</i>				
LCS Dup (B1E1828-BSD1) Prepared: 05/18/21 Analyzed: 05/25/21										
Diesel Range Organics as Diesel	0.471	0.10	mg/L	0.800	58.8	36-132	14.0	30		
<i>Surrogate: o-Terphenyl</i>	<i>0.0522</i>		<i>mg/L</i>	<i>0.0400</i>	<i>130</i>	<i>50-150</i>				
<i>Batch B1E2038 - EPA 3510C</i>										
Blank (B1E2038-BLK1) Prepared: 05/19/21 Analyzed: 05/26/21										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<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 (B1E2038-BS1) Prepared: 05/19/21 Analyzed: 05/26/21										
Diesel Range Organics as Diesel	0.476	0.10	mg/L	0.800	59.5	36-132				
<i>Surrogate: o-Terphenyl</i>	<i>0.0394</i>		<i>mg/L</i>	<i>0.0400</i>	<i>98.5</i>	<i>50-150</i>				
LCS Dup (B1E2038-BSD1) Prepared: 05/19/21 Analyzed: 05/26/21										
Diesel Range Organics as Diesel	0.407	0.10	mg/L	0.800	50.9	36-132	15.7	30		
<i>Surrogate: o-Terphenyl</i>	<i>0.0303</i>		<i>mg/L</i>	<i>0.0400</i>	<i>75.8</i>	<i>50-150</i>				
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B1E1914 - *** DEFAULT PREP ***</i>										
Blank (B1E1914-BLK1) Prepared & Analyzed: 05/19/21										
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>41.1</i>		<i>ug/L</i>	<i>50.0</i>	<i>82.2</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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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 B1E1914 - *** DEFAULT PREP ***</i>										
LCS (B1E1914-BS1)				Prepared & Analyzed: 05/19/21						
Gasoline Range Organics (GRO)	426	100	ug/L	500		85.2	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	49.9		<i>ug/L</i>	50.0		99.8	80-120			
LCS Dup (B1E1914-BSD1)				Prepared & Analyzed: 05/19/21						
Gasoline Range Organics (GRO)	441	100	ug/L	500		88.1	75-125	3.40	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	49.7		<i>ug/L</i>	50.0		99.4	80-120			
Matrix Spike (B1E1914-MS1)				Source: 1E12014-14 Prepared & Analyzed: 05/19/21						
Gasoline Range Organics (GRO)	449	100	ug/L	500	30.3	83.8	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	46.4		<i>ug/L</i>	50.0		92.7	80-120			
Matrix Spike Dup (B1E1914-MSD1)				Source: 1E12014-14 Prepared & Analyzed: 05/19/21						
Gasoline Range Organics (GRO)	444	100	ug/L	500	30.3	82.7	70-130	1.24	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	48.9		<i>ug/L</i>	50.0		97.9	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: A5334010
Date Received: 05/12/21
Date Reported: 06/07/21

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-07** : The recovery for this analyte in the LCS and LCSD is marginally below the lower control limit, therefore the reported concentration for this analyte may be biased low.
- [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.
- [5] = **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.
255 Glendale Ave, #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

May 12, 2021

Eric Davis
CH2M Hill
1000 Wilshire Boulevard
Los Angeles, CA 90017
TEL: (213) 228-8271
FAX: (714) 424-2135

RE: DFSP Norwalk

Order No.: CHH2105036

Dear Eric Davis:

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

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

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

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

Sincerely,

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

Randy Gardner
Laboratory 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#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 9:09:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-01 **Matrix:** AQUEOUS
Client Sample ID: GMW-37

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/7/2021	TPH-E by EPA 8015C
Surr: Nonane	89	63-125		%Rec	5/7/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



Alpha Analytical, Inc.
 255 Glendale Ave, #21
 Sparks, Nevada 89431
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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 9:09:00 AM

Project: DFSP Norwalk

Lab ID: 2105036-01

Matrix: AQUEOUS

Client Sample ID: GMW-37

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 10:03:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-02 **Matrix:** AQUEOUS
Client Sample ID: GMW-SF-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/7/2021	TPH-E by EPA 8015C
Surr: Nonane	95	63-125		%Rec	5/7/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	108	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2105036-02
Client Sample ID: GMW-SF-8

Collection Date: 5/4/2021 10:03:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	108	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 10:41:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-03 **Matrix:** AQUEOUS
Client Sample ID: GMW-38

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/7/2021	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	5/7/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 10:41:00 AM

Project: DFSP Norwalk

Lab ID: 2105036-03

Matrix: AQUEOUS

Client Sample ID: GMW-38

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 11:15:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-04 **Matrix:** AQUEOUS
Client Sample ID: GMW-SF-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/7/2021	TPH-E by EPA 8015C
Surr: Nonane	95	63-125		%Rec	5/7/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2105036-04
Client Sample ID: GMW-SF-7

Collection Date: 5/4/2021 11:15:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 11:57:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-05 **Matrix:** AQUEOUS
Client Sample ID: MW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.059	0.050	C	mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2105036-05
Client Sample ID: MW-8

Collection Date: 5/4/2021 11:57:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 12:43:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-06 **Matrix:** AQUEOUS
Client Sample ID: GMW-39

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/7/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/7/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 12:43:00 PM

Project: DFSP Norwalk

Lab ID: 2105036-06

Matrix: AQUEOUS

Client Sample ID: GMW-39

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 1:48:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-07 **Matrix:** AQUEOUS
Client Sample ID: GMW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.051	0.050	L	mg/L	5/7/2021	TPH-E by EPA 8015C
Surr: Nonane	98	63-125		%Rec	5/7/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	108	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 1:48:00 PM

Project: DFSP Norwalk

Lab ID: 2105036-07

Matrix: AQUEOUS

Client Sample ID: GMW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	108	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 2:31:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-08 **Matrix:** AQUEOUS
Client Sample ID: GMW-14R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/7/2021	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	5/7/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 2:31:00 PM

Project: DFSP Norwalk

Lab ID: 2105036-08

Matrix: AQUEOUS

Client Sample ID: GMW-14R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 2:45:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-09 **Matrix:** AQUEOUS
Client Sample ID: EB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/7/2021	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	5/7/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 2:45:00 PM

Project: DFSP Norwalk

Lab ID: 2105036-09

Matrix: AQUEOUS

Client Sample ID: EB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 8:20:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-10 **Matrix:** AQUEOUS
Client Sample ID: EXP-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/7/2021	TPH-E by EPA 8015C
Surr: Nonane	92	63-125		%Rec	5/7/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 8:20:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-10 **Matrix:** AQUEOUS
Client Sample ID: EXP-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 8:43:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-11 **Matrix:** AQUEOUS
Client Sample ID: EXP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/8/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/8/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 8:43:00 AM

Project: DFSP Norwalk

Lab ID: 2105036-11

Matrix: AQUEOUS

Client Sample ID: EXP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 9:23:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-12 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-17

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.092	0.050		mg/L	5/8/2021	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	5/8/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2105036-12
Client Sample ID: GMW-O-17

Collection Date: 5/4/2021 9:23:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 10:07:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-13 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/8/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/8/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 10:07:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-13 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 10:48:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-14 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/8/2021	TPH-E by EPA 8015C
Surr: Nonane	100	63-125		%Rec	5/8/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 10:48:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-14 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 11:29:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-15 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/8/2021	TPH-E by EPA 8015C
Surr: Nonane	95	63-125		%Rec	5/8/2021	TPH-E by EPA 8015C
TPH-P (GRO)	0.13	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 11:29:00 AM

Project: DFSP Norwalk

Lab ID: 2105036-15

Matrix: AQUEOUS

Client Sample ID: GMW-O-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	1.0	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	2.6	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	4.5	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	1.8	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	3.3	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	8.9	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 12:12:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-16 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-23

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.34	0.050		mg/L	5/8/2021	TPH-E by EPA 8015C
Surr: Nonane	86	63-125		%Rec	5/8/2021	TPH-E by EPA 8015C
TPH-P (GRO)	0.11	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	40	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	9.4	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	37	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2105036-16
Client Sample ID: GMW-O-23

Collection Date: 5/4/2021 12:12:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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

Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 12:53:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-17 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-11

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	1.3	0.050		mg/L	5/8/2021	TPH-E by EPA 8015C
Surr: Nonane	98	63-125		%Rec	5/8/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.10	O	mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	20		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	170	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	1.9	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	6.5	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2105036-17
Client Sample ID: GMW-O-11

Collection Date: 5/4/2021 12:53:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/10/2021	VOCs by EPA 8260

NOTES:

Some Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 1:52:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-18 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-20

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.53	0.050		mg/L	5/8/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/8/2021	TPH-E by EPA 8015C
TPH-P (GRO)	0.64	0.20		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	89	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	8.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	8.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	40		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	20		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	8.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	8.8	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	200		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	40		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	12	2.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	200	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	1.4	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	20		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 1:52:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-18 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-20

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	6.2	1.0		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	1.5	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	1.5	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	10	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	21	2.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	2.8	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	14	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	89	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/10/2021	VOCs by EPA 8260

NOTES:
 Reporting Limits were increased due to high concentrations of target analytes.



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 2:30:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-19 **Matrix:** AQUEOUS
Client Sample ID: EB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/8/2021	TPH-E by EPA 8015C
Surr: Nonane	102	63-125		%Rec	5/8/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	89	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	108	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 2:30:00 PM

Project: DFSP Norwalk

Lab ID: 2105036-19

Matrix: AQUEOUS

Client Sample ID: EB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	89	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	108	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-20 **Matrix:** AQUEOUS
Client Sample ID: TB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/8/2021	TPH-E by EPA 8015C
Surr: Nonane	92	63-125		%Rec	5/8/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/10/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	109	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/10/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/10/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 7:00:00 AM

Project: DFSP Norwalk

Lab ID: 2105036-20

Matrix: AQUEOUS

Client Sample ID: TB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/10/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/10/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/10/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/10/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: Toluene-d8	109	70-130		%Rec	5/10/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/10/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 2:45:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-21 **Matrix:** AQUEOUS
Client Sample ID: EB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	100	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/7/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/7/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 2:45:00 PM

Project: DFSP Norwalk

Lab ID: 2105036-21

Matrix: AQUEOUS

Client Sample ID: EB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 1:36:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-22 **Matrix:** AQUEOUS
Client Sample ID: EXP-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	98	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/7/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/7/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 1:36:00 PM

Project: DFSP Norwalk

Lab ID: 2105036-22

Matrix: AQUEOUS

Client Sample ID: EXP-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 9:50:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-23 **Matrix:** AQUEOUS
Client Sample ID: WCW-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/7/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/7/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 9:50:00 AM

Project: DFSP Norwalk

Lab ID: 2105036-23

Matrix: AQUEOUS

Client Sample ID: WCW-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 10:30:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-24 **Matrix:** AQUEOUS
Client Sample ID: WCW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	101	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/7/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/7/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloroethane	1.2	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2105036-24
Client Sample ID: WCW-3

Collection Date: 5/4/2021 10:30:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 2:22:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-25 **Matrix:** AQUEOUS
Client Sample ID: WCW-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/7/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/7/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 2:22:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-25 **Matrix:** AQUEOUS
Client Sample ID: WCW-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 8:38:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-26 **Matrix:** AQUEOUS
Client Sample ID: WCW-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/7/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/7/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 8:38:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-26 **Matrix:** AQUEOUS
Client Sample ID: WCW-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 9:11:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-27 **Matrix:** AQUEOUS
Client Sample ID: WCW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	96	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/7/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/7/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloroethane	2.0	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 9:11:00 AM

Project: DFSP Norwalk

Lab ID: 2105036-27

Matrix: AQUEOUS

Client Sample ID: WCW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 11:30:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-28 **Matrix:** AQUEOUS
Client Sample ID: WCW-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	87	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/7/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/7/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 11:30:00 AM
Project: DFSP Norwalk
Lab ID: 2105036-28 **Matrix:** AQUEOUS
Client Sample ID: WCW-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill **Collection Date:** 5/4/2021 12:20:00 PM
Project: DFSP Norwalk
Lab ID: 2105036-29 **Matrix:** AQUEOUS
Client Sample ID: WCW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/7/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	5/7/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/7/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105036

Report Date: 5/12/2021

CLIENT: CH2M Hill

Collection Date: 5/4/2021 12:20:00 PM

Project: DFSP Norwalk

Lab ID: 2105036-29

Matrix: AQUEOUS

Client Sample ID: WCW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/7/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/7/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/7/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/7/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/7/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	5/7/2021	VOCs by EPA 8260



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-12882	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 12882	TestNo: SW8015	SW8015
Prep Date: 5/7/2021	RunNo: 11501	SeqNo: 322539	
Analysis Date: 5/7/2021			

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		97.3	63	125				

Sample ID: LCS-12882	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 12882	TestNo: SW8015	SW8015
Prep Date: 5/7/2021	RunNo: 11501	SeqNo: 322540	
Analysis Date: 5/7/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.85	0.05	2.5	0	114	89.6	123				
Surr: Nonane	0.157		0.15		105	60	129				

Sample ID: 2105036-19AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-1MSD	Batch ID: 12882	TestNo: SW8015	SW8015
Prep Date: 5/7/2021	RunNo: 11501	SeqNo: 322552	
Analysis Date: 5/8/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.83	0.1	2.5	0	113	79	140	2.91	2.9	8	
Surr: Nonane	0.298		0.3		99.3	68.8	128	0.289	0	0	

Sample ID: 2105036-19AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-1MS	Batch ID: 12882	TestNo: SW8015	SW8015
Prep Date: 5/7/2021	RunNo: 11501	SeqNo: 322551	
Analysis Date: 5/8/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.91	0.1	2.5	0	116	79	140				
Surr: Nonane	0.289		0.3		96.3	68.8	128				

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



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-12895	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 12895	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11501	SeqNo: 322882	
Analysis Date: 5/10/2021			

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-12895	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 12895	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11501	SeqNo: 322883	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.79	0.05	2.5	0	112	89.6	123				
Surr: Nonane	0.153		0.15		102	60	129				

Sample ID: 2105021-02AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 12895	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11501	SeqNo: 322887	
Analysis Date: 5/10/2021			

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	2.94	1	8	
Surr: Nonane	0.301		0.3		100	68.8	128	0.28	0	0	

Sample ID: 2105021-02AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 12895	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11501	SeqNo: 322886	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.94	0.1	2.5	0	118	79	140				
Surr: Nonane	0.28		0.3		93.3	68.8	128				

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



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-12883	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A12883B	TestNo: SW8015									
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322650									
Analysis Date: 5/7/2021											
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	0.01		0.01		105	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		104	69.51	130.49				

Sample ID: GLCS-12883	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A12883B	TestNo: SW8015									
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322649									
Analysis Date: 5/7/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.381	0.05	0.4	0	95.1	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.00935		0.01		93.5	69.51	130.49				
Surr: Toluene-d8	0.0102		0.01		102	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.00989		0.01		98.9	69.51	130.49				

Sample ID: 2105036-21AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-3	Batch ID: A12883B	TestNo: SW8015									
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322663									
Analysis Date: 5/7/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.12	0.25	2	0	106	60	125	2.15	1.3	28	
Surr: 1,2-Dichloroethane-d4	0.0449		0.05		89.9	69.51	130.49	0.0455	0	0	
Surr: Toluene-d8	0.0511		0.05		102	69.51	130.49	0.0528	0	0	
Surr: 4-Bromofluorobenzene	0.0487		0.05		97.3	69.51	130.49	0.0495	0	0	

Sample ID: 2105036-21AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-3	Batch ID: A12883B	TestNo: SW8015									
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322662									
Analysis Date: 5/7/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.15	0.25	2	0	107	60	125				
Surr: 1,2-Dichloroethane-d4	0.0455		0.05		91.0	69.51	130.49				
Surr: Toluene-d8	0.0528		0.05		106	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0495		0.05		99.0	69.51	130.49				

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



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2105036-21AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-3	Batch ID: A12883B	TestNo: SW8015									
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322662									
Analysis Date: 5/7/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: MB-12891	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A12891B	TestNo: SW8015									
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323010									
Analysis Date: 5/10/2021											
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	0.0094		0.01		93.8	69.51	130.49				
Surr: Toluene-d8	0.01		0.01		104	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		104	69.51	130.49				

Sample ID: GLCS-12891	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A12891B	TestNo: SW8015									
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323009									
Analysis Date: 5/10/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.456	0.05	0.4	0	114	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.00921		0.01		92.1	69.51	130.49				
Surr: Toluene-d8	0.0101		0.01		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0107		0.01		107	69.51	130.49				

Sample ID: 2105036-09AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-2	Batch ID: A12891B	TestNo: SW8015									
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323031									
Analysis Date: 5/10/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.95	0.25	2	0	97.5	60	125	1.85	5.1	28	
Surr: 1,2-Dichloroethane-d4	0.0421		0.05		84.2	69.51	130.49	0.0439	0	0	
Surr: Toluene-d8	0.0511		0.05		102	69.51	130.49	0.0512	0	0	
Surr: 4-Bromofluorobenzene	0.0545		0.05		109	69.51	130.49	0.0529	0	0	

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



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2105036-09AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L
Client ID: EB-2	Batch ID: A12891B	TestNo: SW8015	
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323030	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.85	0.25	2	0	92.7	60	125				
Surr: 1,2-Dichloroethane-d4	0.0439		0.05		87.8	69.51	130.49				
Surr: Toluene-d8	0.0512		0.05		102	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0529		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 limits



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12883	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12883	TestNo: SW8260C	
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322634	
Analysis Date: 5/7/2021			

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

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



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12883	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12883	TestNo: SW8260C	
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322634	
Analysis Date: 5/7/2021			

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	10		10		105	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10		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 limits



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12883	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12883	TestNo: SW8260C	
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322633	
Analysis Date: 5/7/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	11.8	1	10	0	118	16.9	124				
Chloromethane	8.33	2	10	0	83.3	25.9	136				
Vinyl chloride	9.56	1	10	0	95.6	47.8	132				
Chloroethane	7.13	1	10	0	71.3	62.3	169				
Bromomethane	10.7	2	10	0	107	33.8	135				
Trichlorofluoromethane	9.64	1	10	0	96.4	16.8	155				
Acetone	169	10	200	0	84.4	72	124				
1,1-Dichloroethene	9.59	1	10	0	95.9	65.2	129				
Tertiary Butyl Alcohol (TBA)	92.4	10	100	0	92.4	52.9	128.4				
Dichloromethane	8.86	2	10	0	88.6	65.2	129				
Freon-113	9.66	1	10	0	96.6	52.4	143				
trans-1,2-Dichloroethene	9.21	1	10	0	92.1	66.7	132				
Methyl tert-butyl ether (MTBE)	9.65	0.5	10	0	96.5	52.9	125				
1,1-Dichloroethane	8.63	1	10	0	86.3	66.6	129				
2-Butanone (MEK)	193	10	200	0	96.5	63.7	120.4				
Di-isopropyl Ether (DIPE)	9.01	1	10	0	90.1	63.6	131				
cis-1,2-Dichloroethene	8.93	1	10	0	89.3	59.2	131				
Bromochloromethane	9.51	1	10	0	95.1	65.9	121				
Chloroform	9.26	1	10	0	92.6	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	9.33	1	10	0	93.3	44.6	136				
2,2-Dichloropropane	10.4	1	10	0	104	58.2	146				
1,2-Dichloroethane	9.12	1	10	0	91.2	73.4	120.4				
1,1,1-Trichloroethane	9.76	1	10	0	97.6	52.7	144				
1,1-Dichloropropene	9.36	1	10	0	93.6	85.6	131				
Carbon tetrachloride	10.2	1	10	0	102	30.9	175				
Benzene	8.75	0.5	10	0	87.5	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	8.67	1	10	0	86.7	52.4	141				
Dibromomethane	9.47	1	10	0	94.7	78.5	120.4				
1,2-Dichloropropane	8.74	1	10	0	87.4	79.5	126				
Trichloroethene	8.51	1	10	0	85.1	69	120.4				
Bromodichloromethane	8.99	1	10	0	89.9	73.9	122				
4-Methyl-2-pentanone (MIBK)	22.3	2.5	25	0	89.4	66.4	122				
cis-1,3-Dichloropropene	9.55	1	10	0	95.5	78.7	120.4				
trans-1,3-Dichloropropene	9.65	1	10	0	96.5	70.2	120.4				
1,1,2-Trichloroethane	9.14	1	10	0	91.4	76.2	120.4				
Toluene	8.56	0.5	10	0	85.6	79.7	126				
1,3-Dichloropropane	8.56	1	10	0	85.6	71.7	131				
2-Hexanone	94.3	5	100	0	94.3	52.9	152				
Dibromochloromethane	9.49	1	10	0	94.9	79.5	120.4				
1,2-Dibromoethane (EDB)	18.9	2	20	0	94.7	76.4	120.4				

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



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12883	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12883	TestNo: SW8260C	
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322633	
Analysis Date: 5/7/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	9.2	1	10	0	92.0	64	123				
1,1,1,2-Tetrachloroethane	9.65	1	10	0	96.5	77.9	120.4				
Chlorobenzene	9.07	1	10	0	90.7	70.9	120.4				
Ethylbenzene	9.26	0.5	10	0	92.6	77.5	120.4				
m,p-Xylene	9.14	0.5	10	0	91.4	74.8	120.4				
Bromoform	9.49	1	10	0	94.9	51.3	120.4				
Xylenes, Total	18.6	0.5	20	0	92.8	77.6	120.4				
Styrene	9.42	1	10	0	94.2	71.9	120.4				
o-Xylene	9.43	0.5	10	0	94.3	79.1	120.4				
1,1,2,2-Tetrachloroethane	10.7	1	10	0	107	55.6	138				
1,2,3-Trichloropropane	18.7	2	20	0	93.6	73.4	120.4				
Isopropylbenzene	9.48	1	10	0	94.8	78.7	148				
Bromobenzene	9.01	1	10	0	90.1	79.5	121				
n-Propylbenzene	9.48	1	10	0	94.8	82.5	134				
4-Chlorotoluene	9.37	1	10	0	93.7	79.5	135				
2-Chlorotoluene	9.29	1	10	0	92.9	79.5	131				
1,3,5-Trimethylbenzene	9.95	1	10	0	99.5	79.5	135				
tert-Butylbenzene	9.74	1	10	0	97.4	79.5	139				
1,2,4-Trimethylbenzene	9.88	1	10	0	98.8	79.5	138				
sec-Butylbenzene	9.54	1	10	0	95.4	79.5	132				
1,3-Dichlorobenzene	9.22	1	10	0	92.2	79.5	125				
1,4-Dichlorobenzene	9.33	1	10	0	93.3	79.5	123				
4-Isopropyltoluene	9.82	1	10	0	98.2	79.5	130				
1,2-Dichlorobenzene	8.79	1	10	0	87.9	79.5	121				
n-Butylbenzene	10.1	1	10	0	101	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	52.5	3	50	0	105	72.1	136				
1,2,4-Trichlorobenzene	9.7	2	10	0	97.0	73.3	126				
Naphthalene	9.45	2	10	0	94.5	47.2	142				
1,2,3-Trichlorobenzene	9.26	2	10	0	92.6	67.4	130				
Surr: 1,2-Dichloroethane-d4	9.51		10		95.1	69.51	130.5				
Surr: Toluene-d8	10.2		10		102	69.51	130.5				
Surr: 4-Bromofluorobenzene	10.4		10		104	69.51	130.5				

Sample ID: 2105036-21AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-3MSD	Batch ID: A12883	TestNo: SW8260C	
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322646	
Analysis Date: 5/7/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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Qualifiers: B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105036-21AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-3MSD	Batch ID: A12883	TestNo: SW8260C	
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322646	
Analysis Date: 5/7/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	53.5	5	50	0	107	5.1	155	50.7	5.4	38	
Chloromethane	41.3	10	50	0	82.6	37.7	121	37	11	22.5	
Vinyl chloride	46.2	5	50	0	92.4	60.4	140	41.4	11	23.9	
Chloroethane	36.3	5	50	0	72.7	43.1	206	31.4	15	22.9	
Bromomethane	43.6	10	50	0	87.2	12.6	168	37.2	16	48	
Trichlorofluoromethane	50.3	5	50	0	101	58.6	163	45.4	10	33.3	
Acetone	750	50	1000	0	75.0	37.3	152	692	8.1	50	
1,1-Dichloroethene	47.6	5	50	0	95.1	69.8	158	42.8	11	21.7	
Tertiary Butyl Alcohol (TBA)	387	50	500	0	77.5	60.4	158	363	6.5	26.8	
Dichloromethane	42.2	10	50	0	84.5	71.7	132	38.2	10	20	
Freon-113	45.9	5	50	0	91.7	52.1	166	43	6.5	25.9	
trans-1,2-Dichloroethene	45.6	5	50	0	91.2	72	136	40.5	12	19.2	
Methyl tert-butyl ether (MTBE)	45.2	2.5	50	0	90.4	54.8	155	41.6	8.2	21.4	
1,1-Dichloroethane	42.7	5	50	0	85.5	76.9	140	39.8	7	18	
2-Butanone (MEK)	834	50	1000	0	83.4	73.7	142	841	0.81	20.9	
Di-isopropyl Ether (DIPE)	43.3	5	50	0	86.7	74.8	136	39.9	8.2	18.2	
cis-1,2-Dichloroethene	44.1	5	50	0	88.3	73.9	133	42.2	4.5	20.1	
Bromochloromethane	48.2	5	50	0	96.3	75.8	132	44.7	7.5	23.5	
Chloroform	46.3	5	50	0	92.5	74.3	130	43.1	7.1	18	
Ethyl Tertiary Butyl Ether (ETBE)	44.7	5	50	0	89.4	74.8	138	41.2	8.1	20.3	
2,2-Dichloropropane	42.9	5	50	0	85.9	53.9	146	40.6	5.7	52.3	
1,2-Dichloroethane	42.6	5	50	0	85.3	72.6	144	40.3	5.7	17.1	
1,1,1-Trichloroethane	48.3	5	50	0	96.5	70.2	138	44.6	7.8	22.2	
1,1-Dichloropropene	46.9	5	50	0	93.8	69.7	146	43.7	7	29.6	
Carbon tetrachloride	51.3	5	50	0	103	58.2	141	46.3	10	31.9	
Benzene	43.4	2.5	50	0	86.8	67.8	140	41.6	4.4	18.1	
Tertiary Amyl Methyl Ether (TAME)	42.8	5	50	0	85.5	72.3	144	41.5	2.9	20.6	
Dibromomethane	46.2	5	50	0	92.3	75.2	144	40.6	13	19.5	
1,2-Dichloropropane	43.2	5	50	0	86.4	75.3	144	39.4	9.3	19.7	
Trichloroethene	43.4	5	50	0	86.9	65.7	131	39.8	8.6	25.3	
Bromodichloromethane	44.1	5	50	0	88.2	70.2	141	39.9	10	20.5	
4-Methyl-2-pentanone (MIBK)	104	12.5	125	0	83.2	57.9	143	93.3	11	21.3	
cis-1,3-Dichloropropene	45.6	5	50	0	91.2	56.9	132	39	16	25.8	
trans-1,3-Dichloropropene	46.8	5	50	0	93.6	72	131	41.3	12	26.4	
1,1,2-Trichloroethane	45.8	5	50	0	91.5	74	130	39.7	14	21.9	
Toluene	43.8	2.5	50	0	87.6	67.2	131	40.9	6.8	18.3	
1,3-Dichloropropane	41.8	5	50	0	83.7	74.2	124	38.4	8.7	21.7	
2-Hexanone	445	25	500	0	88.9	66.7	135	421	5.5	20.9	
Dibromochloromethane	47.4	5	50	0	94.7	71.5	134	43.3	8.9	24.1	
1,2-Dibromoethane (EDB)	94.4	10	100	0	94.4	74.7	129	85.6	9.8	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 limits



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105036-21AMSD	SampType: MSD		TestCode: VOC_W		Units: µg/L						
Client ID: EB-3MSD	Batch ID: A12883		TestNo: SW8260C								
Prep Date: 5/7/2021	RunNo: 11504		SeqNo: 322646								
Analysis Date: 5/7/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	48.2	5	50	0	96.5	45.9	138	43.9	9.3	30.9	
1,1,1,2-Tetrachloroethane	48.2	5	50	0	96.3	75.7	125	45.9	4.8	22.6	
Chlorobenzene	47.1	5	50	0	94.1	73.7	120	43.4	8.2	23.1	
Ethylbenzene	46.5	2.5	50	0	93.0	70.3	122	43.3	7.1	25.3	
m,p-Xylene	46.5	2.5	50	0	92.9	52.9	136	43.9	5.8	26.6	
Bromoform	46.4	5	50	0	92.8	61.5	141	42.6	8.5	25	
Xylenes, Total	93.6	2.5	100	0	93.6	61	131	87.9	6.3	25.6	
Styrene	47.1	5	50	0	94.2	74	130	44	6.7	26	
o-Xylene	47.2	2.5	50	0	94.3	67.3	129	44	6.9	25	
1,1,2,2-Tetrachloroethane	50.8	5	50	0	102	62.4	153	48.7	4.3	24.6	
1,2,3-Trichloropropane	86.9	10	100	0	86.9	37.4	171	82.8	4.8	50	
Isopropylbenzene	48.5	5	50	0	97.1	63	132	44.5	8.8	33.1	
Bromobenzene	46.8	5	50	0	93.5	65.1	120	43.1	8.1	23.6	
n-Propylbenzene	47.6	5	50	0	95.1	58.2	128	43.4	9.2	32.4	
4-Chlorotoluene	47.9	5	50	0	95.9	63.9	127	43.2	10	29.1	
2-Chlorotoluene	47.7	5	50	0	95.3	63.2	126	42.9	10	28.9	
1,3,5-Trimethylbenzene	50.7	5	50	0	101	63.8	138	46.3	9.1	31.9	
tert-Butylbenzene	49.8	5	50	0	99.6	59.7	128	46.1	7.7	36.2	
1,2,4-Trimethylbenzene	50.6	5	50	0	101	65.1	135	46	9.6	28.8	
sec-Butylbenzene	48	5	50	0	96.0	55.5	128	44	8.7	40.9	
1,3-Dichlorobenzene	48.5	5	50	0	97.0	64.5	122	42.6	13	28.6	
1,4-Dichlorobenzene	48.5	5	50	0	96.9	63.7	121	44.5	8.5	27.7	
4-Isopropyltoluene	49.8	5	50	0	99.6	58	135	45.7	8.6	40.4	
1,2-Dichlorobenzene	43.2	5	50	0	86.4	66.7	122	41.4	4.2	24.5	
n-Butylbenzene	50.3	5	50	0	101	52.7	139	45.4	10	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	235	15	250	0	94.0	59.1	143	214	9.4	24.9	
1,2,4-Trichlorobenzene	49.9	10	50	0	99.8	47.1	139	43	15	35	
Naphthalene	47	10	50	0	94.1	31.6	164	40.1	16	50	
1,2,3-Trichlorobenzene	49.3	10	50	0	98.6	17.7	171	41.4	17	57	
Surr: 1,2-Dichloroethane-d4	45.3		50		90.6	69.51	130.49	43.4	0	0	
Surr: Toluene-d8	51.5		50		103	69.51	130.49	48.4	0	0	
Surr: 4-Bromofluorobenzene	52.5		50		105	69.51	130.49	48.7	0	0	

Sample ID: 2105036-21AMS	SampType: MS		TestCode: VOC_W		Units: µg/L						
Client ID: EB-3MS	Batch ID: A12883		TestNo: SW8260C								
Prep Date: 5/7/2021	RunNo: 11504		SeqNo: 322645								
Analysis Date: 5/7/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105036-21AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-3MS	Batch ID: A12883	TestNo: SW8260C	
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322645	
Analysis Date: 5/7/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	50.7	5	50	0	101	5.1	155				
Chloromethane	37	10	50	0	74.1	37.7	121				
Vinyl chloride	41.4	5	50	0	82.8	60.4	140				
Chloroethane	31.4	5	50	0	62.7	43.1	206				
Bromomethane	37.2	10	50	0	74.4	12.6	168				
Trichlorofluoromethane	45.4	5	50	0	90.8	58.6	163				
Acetone	692	50	1000	0	69.2	37.3	152				
1,1-Dichloroethene	42.8	5	50	0	85.6	69.8	158				
Tertiary Butyl Alcohol (TBA)	363	50	500	0	72.6	60.4	158				
Dichloromethane	38.2	10	50	0	76.4	71.7	132				
Freon-113	43	5	50	0	86.0	52.1	166				
trans-1,2-Dichloroethene	40.5	5	50	0	81.0	72	136				
Methyl tert-butyl ether (MTBE)	41.6	2.5	50	0	83.3	54.8	155				
1,1-Dichloroethane	39.8	5	50	0	79.7	76.9	140				
2-Butanone (MEK)	841	50	1000	0	84.1	73.7	142				
Di-isopropyl Ether (DIPE)	39.9	5	50	0	79.8	74.8	136				
cis-1,2-Dichloroethene	42.2	5	50	0	84.4	73.9	133				
Bromochloromethane	44.7	5	50	0	89.4	75.8	132				
Chloroform	43.1	5	50	0	86.2	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	41.2	5	50	0	82.4	74.8	138				
2,2-Dichloropropane	40.6	5	50	0	81.1	53.9	146				
1,2-Dichloroethane	40.3	5	50	0	80.6	72.6	144				
1,1,1-Trichloroethane	44.6	5	50	0	89.3	70.2	138				
1,1-Dichloropropene	43.7	5	50	0	87.5	69.7	146				
Carbon tetrachloride	46.3	5	50	0	92.7	58.2	141				
Benzene	41.6	2.5	50	0	83.1	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	41.5	5	50	0	83.0	72.3	144				
Dibromomethane	40.6	5	50	0	81.1	75.2	144				
1,2-Dichloropropane	39.4	5	50	0	78.7	75.3	144				
Trichloroethene	39.8	5	50	0	79.7	65.7	131				
Bromodichloromethane	39.9	5	50	0	79.8	70.2	141				
4-Methyl-2-pentanone (MIBK)	93.3	12.5	125	0	74.7	57.9	143				
cis-1,3-Dichloropropene	39	5	50	0	77.9	56.9	132				
trans-1,3-Dichloropropene	41.3	5	50	0	82.6	72	131				
1,1,2-Trichloroethane	39.7	5	50	0	79.5	74	130				
Toluene	40.9	2.5	50	0	81.8	67.2	131				
1,3-Dichloropropane	38.4	5	50	0	76.7	74.2	124				
2-Hexanone	421	25	500	0	84.2	66.7	135				
Dibromochloromethane	43.3	5	50	0	86.7	71.5	134				
1,2-Dibromoethane (EDB)	85.6	10	100	0	85.6	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 limits



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105036-21AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-3MS	Batch ID: A12883	TestNo: SW8260C	
Prep Date: 5/7/2021	RunNo: 11504	SeqNo: 322645	
Analysis Date: 5/7/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	43.9	5	50	0	87.9	45.9	138				
1,1,1,2-Tetrachloroethane	45.9	5	50	0	91.9	75.7	125				
Chlorobenzene	43.4	5	50	0	86.7	73.7	120				
Ethylbenzene	43.3	2.5	50	0	86.7	70.3	122				
m,p-Xylene	43.9	2.5	50	0	87.7	52.9	136				
Bromoform	42.6	5	50	0	85.2	61.5	141				
Xylenes, Total	87.9	2.5	100	0	87.9	61	131				
Styrene	44	5	50	0	88.0	74	130				
o-Xylene	44	2.5	50	0	88.1	67.3	129				
1,1,2,2-Tetrachloroethane	48.7	5	50	0	97.4	62.4	153				
1,2,3-Trichloropropane	82.8	10	100	0	82.8	37.4	171				
Isopropylbenzene	44.5	5	50	0	88.9	63	132				
Bromobenzene	43.1	5	50	0	86.3	65.1	120				
n-Propylbenzene	43.4	5	50	0	86.8	58.2	128				
4-Chlorotoluene	43.2	5	50	0	86.4	63.9	127				
2-Chlorotoluene	42.9	5	50	0	85.9	63.2	126				
1,3,5-Trimethylbenzene	46.3	5	50	0	92.6	63.8	138				
tert-Butylbenzene	46.1	5	50	0	92.2	59.7	128				
1,2,4-Trimethylbenzene	46	5	50	0	92.0	65.1	135				
sec-Butylbenzene	44	5	50	0	88.0	55.5	128				
1,3-Dichlorobenzene	42.6	5	50	0	85.3	64.5	122				
1,4-Dichlorobenzene	44.5	5	50	0	89.0	63.7	121				
4-Isopropyltoluene	45.7	5	50	0	91.3	58	135				
1,2-Dichlorobenzene	41.4	5	50	0	82.8	66.7	122				
n-Butylbenzene	45.4	5	50	0	90.8	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	214	15	250	0	85.5	59.1	143				
1,2,4-Trichlorobenzene	43	10	50	0	86.0	47.1	139				
Naphthalene	40.1	10	50	0	80.2	31.6	164				
1,2,3-Trichlorobenzene	41.4	10	50	0	82.7	17.7	171				
Surr: 1,2-Dichloroethane-d4	43.4		50		86.8	69.51	130.49				
Surr: Toluene-d8	48.4		50		96.9	69.51	130.49				
Surr: 4-Bromofluorobenzene	48.7		50		97.4	69.51	130.49				

Sample ID: MB-12891	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12891	TestNo: SW8260C	
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323006	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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 Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12891	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12891	TestNo: SW8260C	
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323006	
Analysis Date: 5/10/2021			

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

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



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12891	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12891	TestNo: SW8260C	
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323006	
Analysis Date: 5/10/2021			

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	9.4		10		93.8	69.51	130.49				
Surr: Toluene-d8	10		10		104	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10		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 limits



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12891	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12891	TestNo: SW8260C	
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323005	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	15.2	1	10	0	152	16.9	124				S
Chloromethane	9.67	2	10	0	96.7	25.9	136				
Vinyl chloride	10.8	1	10	0	108	47.8	132				
Chloroethane	10.7	1	10	0	107	62.3	169				
Bromomethane	7.04	2	10	0	70.4	33.8	135				
Trichlorofluoromethane	9.88	1	10	0	98.8	16.8	155				
Acetone	201	10	200	0	100	72	124				
1,1-Dichloroethene	10.1	1	10	0	101	65.2	129				
Tertiary Butyl Alcohol (TBA)	100	10	100	0	100	52.9	128.4				
Dichloromethane	9.5	2	10	0	95.0	65.2	129				
Freon-113	10.8	1	10	0	108	52.4	143				
trans-1,2-Dichloroethene	12.1	1	10	0	121	66.7	132				
Methyl tert-butyl ether (MTBE)	9.93	0.5	10	0	99.3	52.9	125				
1,1-Dichloroethane	10.1	1	10	0	101	66.6	129				
2-Butanone (MEK)	228	10	200	0	114	63.7	120.4				
Di-isopropyl Ether (DIPE)	10.3	1	10	0	103	63.6	131				
cis-1,2-Dichloroethene	10.2	1	10	0	102	59.2	131				
Bromochloromethane	10.3	1	10	0	103	65.9	121				
Chloroform	10.1	1	10	0	101	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	10	1	10	0	100	44.6	136				
2,2-Dichloropropane	10.9	1	10	0	109	58.2	146				
1,2-Dichloroethane	10.5	1	10	0	105	73.4	120.4				
1,1,1-Trichloroethane	9.98	1	10	0	99.8	52.7	144				
1,1-Dichloropropene	10.6	1	10	0	106	85.6	131				
Carbon tetrachloride	10.4	1	10	0	104	30.9	175				
Benzene	10.3	0.5	10	0	104	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	10.6	1	10	0	106	52.4	141				
Dibromomethane	10.1	1	10	0	101	78.5	120.4				
1,2-Dichloropropane	10.4	1	10	0	104	79.5	126				
Trichloroethene	10.2	1	10	0	102	69	120.4				
Bromodichloromethane	10.5	1	10	0	105	73.9	122				
4-Methyl-2-pentanone (MIBK)	28.3	2.5	25	0	113	66.4	122				
cis-1,3-Dichloropropene	11.1	1	10	0	111	78.7	120.4				
trans-1,3-Dichloropropene	10.8	1	10	0	108	70.2	120.4				
1,1,2-Trichloroethane	10.3	1	10	0	103	76.2	120.4				
Toluene	10.1	0.5	10	0	101	79.7	126				
1,3-Dichloropropane	10.1	1	10	0	101	71.7	131				
2-Hexanone	107	5	100	0	107	52.9	152				
Dibromochloromethane	9.88	1	10	0	98.8	79.5	120.4				
1,2-Dibromoethane (EDB)	20.4	2	20	0	102	76.4	120.4				

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



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12891	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12891	TestNo: SW8260C	
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323005	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	10.1	1	10	0	101	64	123				
1,1,1,2-Tetrachloroethane	10.2	1	10	0	102	77.9	120.4				
Chlorobenzene	9.65	1	10	0	96.5	70.9	120.4				
Ethylbenzene	10.3	0.5	10	0	103	77.5	120.4				
m,p-Xylene	10.4	0.5	10	0	104	74.8	120.4				
Bromoform	10.4	1	10	0	104	51.3	120.4				
Xylenes, Total	20.5	0.5	20	0	103	77.6	120.4				
Styrene	9.78	1	10	0	97.8	71.9	120.4				
o-Xylene	10.1	0.5	10	0	101	79.1	120.4				
1,1,2,2-Tetrachloroethane	9.79	1	10	0	97.9	55.6	138				
1,2,3-Trichloropropane	20.3	2	20	0	101	73.4	120.4				
Isopropylbenzene	10.4	1	10	0	104	78.7	148				
Bromobenzene	9.68	1	10	0	96.8	79.5	121				
n-Propylbenzene	9.8	1	10	0	98.0	82.5	134				
4-Chlorotoluene	9.95	1	10	0	99.5	79.5	135				
2-Chlorotoluene	10.1	1	10	0	101	79.5	131				
1,3,5-Trimethylbenzene	10.3	1	10	0	103	79.5	135				
tert-Butylbenzene	10.6	1	10	0	106	79.5	139				
1,2,4-Trimethylbenzene	10.5	1	10	0	105	79.5	138				
sec-Butylbenzene	10	1	10	0	100	79.5	132				
1,3-Dichlorobenzene	9.72	1	10	0	97.2	79.5	125				
1,4-Dichlorobenzene	9.93	1	10	0	99.3	79.5	123				
4-Isopropyltoluene	10.5	1	10	0	105	79.5	130				
1,2-Dichlorobenzene	9.5	1	10	0	95.0	79.5	121				
n-Butylbenzene	10.7	1	10	0	107	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	47.1	3	50	0	94.3	72.1	136				
1,2,4-Trichlorobenzene	9.4	2	10	0	94.0	73.3	126				
Naphthalene	9.33	2	10	0	93.3	47.2	142				
1,2,3-Trichlorobenzene	8.73	2	10	0	87.3	67.4	130				
Surr: 1,2-Dichloroethane-d4	9.58		10		95.8	69.51	130.5				
Surr: Toluene-d8	9.93		10		99.3	69.51	130.5				
Surr: 4-Bromofluorobenzene	9.92		10		99.2	69.51	130.5				

Sample ID: 2105036-09AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-2MSD	Batch ID: A12891	TestNo: SW8260C	
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323003	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105036-09AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-2MSD	Batch ID: A12891	TestNo: SW8260C	
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323003	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	70.4	5	50	0	141	5.1	155	74.2	5.3	38	
Chloromethane	54.6	10	50	0	109	37.7	121	60.5	10	22.5	
Vinyl chloride	59.2	5	50	0	118	60.4	140	60	1.4	23.9	
Chloroethane	55	5	50	0	110	43.1	206	48.2	13	22.9	
Bromomethane	24.5	10	50	0	48.9	12.6	168	21.8	12	48	
Trichlorofluoromethane	47.2	5	50	0	94.5	58.6	163	46.9	0.72	33.3	
Acetone	945	50	1000	0	94.5	37.3	152	968	2.4	50	
1,1-Dichloroethene	51.8	5	50	0	104	69.8	158	52.3	0.88	21.7	
Tertiary Butyl Alcohol (TBA)	488	50	500	0	97.5	60.4	158	490	0.46	26.8	
Dichloromethane	46.6	10	50	0	93.2	71.7	132	47.4	1.7	20	
Freon-113	49.8	5	50	0	99.5	52.1	166	50	0.54	25.9	
trans-1,2-Dichloroethene	59.9	5	50	0	120	72	136	59.7	0.27	19.2	
Methyl tert-butyl ether (MTBE)	50.5	2.5	50	0	101	54.8	155	50.6	0.18	21.4	
1,1-Dichloroethane	51.6	5	50	0	103	76.9	140	50.6	2	18	
2-Butanone (MEK)	1070	50	1000	0	107	73.7	142	1100	2.7	20.9	
Di-isopropyl Ether (DIPE)	55.1	5	50	0	110	74.8	136	54.2	1.6	18.2	
cis-1,2-Dichloroethene	53.9	5	50	0	108	73.9	133	52.4	2.8	20.1	
Bromochloromethane	51.4	5	50	0	103	75.8	132	51.4	0.058	23.5	
Chloroform	50	5	50	0	100	74.3	130	50.2	0.32	18	
Ethyl Tertiary Butyl Ether (ETBE)	50.5	5	50	0	101	74.8	138	51.8	2.7	20.3	
2,2-Dichloropropane	45.3	5	50	0	90.7	53.9	146	45.5	0.42	52.3	
1,2-Dichloroethane	48	5	50	0	96.0	72.6	144	48.8	1.6	17.1	
1,1,1-Trichloroethane	49.2	5	50	0	98.4	70.2	138	48.9	0.71	22.2	
1,1-Dichloropropene	53.5	5	50	0	107	69.7	146	53.2	0.53	29.6	
Carbon tetrachloride	50.5	5	50	0	101	58.2	141	50.1	0.79	31.9	
Benzene	52.8	2.5	50	0	106	67.8	140	52.6	0.28	18.1	
Tertiary Amyl Methyl Ether (TAME)	51.1	5	50	0	102	72.3	144	52.6	2.9	20.6	
Dibromomethane	48.1	5	50	0	96.3	75.2	144	48	0.23	19.5	
1,2-Dichloropropane	50.1	5	50	0	100	75.3	144	49.9	0.26	19.7	
Trichloroethene	50.5	5	50	0	101	65.7	131	49.6	1.8	25.3	
Bromodichloromethane	50.4	5	50	0	101	70.2	141	50.4	0.02	20.5	
4-Methyl-2-pentanone (MIBK)	130	12.5	125	0	104	57.9	143	138	5.4	21.3	
cis-1,3-Dichloropropene	46.3	5	50	0	92.6	56.9	132	46.5	0.41	25.8	
trans-1,3-Dichloropropene	50.5	5	50	0	101	72	131	52	2.8	26.4	
1,1,2-Trichloroethane	51.1	5	50	0	102	74	130	51.7	1.1	21.9	
Toluene	49.6	2.5	50	0	99.1	67.2	131	48.9	1.3	18.3	
1,3-Dichloropropane	50.3	5	50	0	101	74.2	124	50.8	0.81	21.7	
2-Hexanone	509	25	500	0	102	66.7	135	534	4.7	20.9	
Dibromochloromethane	48.8	5	50	0	97.6	71.5	134	49.3	0.9	24.1	
1,2-Dibromoethane (EDB)	101	10	100	0	101	74.7	129	104	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 limits



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QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105036-09AMSD	SampType: MSD		TestCode: VOC_W		Units: µg/L						
Client ID: EB-2MSD	Batch ID: A12891		TestNo: SW8260C								
Prep Date: 5/10/2021	RunNo: 11517		SeqNo: 323003								
Analysis Date: 5/10/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	49.2	5	50	0	98.5	45.9	138	48.5	1.5	30.9	
1,1,1,2-Tetrachloroethane	51.2	5	50	0	102	75.7	125	51.3	0.33	22.6	
Chlorobenzene	49.2	5	50	0	98.4	73.7	120	48.6	1.2	23.1	
Ethylbenzene	52.4	2.5	50	0	105	70.3	122	51.9	1.1	25.3	
m,p-Xylene	53.4	2.5	50	0	107	52.9	136	52.3	2.1	26.6	
Bromoform	49.1	5	50	0	98.1	61.5	141	48.7	0.68	25	
Xylenes, Total	105	2.5	100	0	105	61	131	104	1.2	25.6	
Styrene	49.8	5	50	0	99.6	74	130	49.4	0.77	26	
o-Xylene	51.4	2.5	50	0	103	67.3	129	51.2	0.25	25	
1,1,2,2-Tetrachloroethane	52.1	5	50	0	104	62.4	153	54	3.5	24.6	
1,2,3-Trichloropropane	95.5	10	100	0	95.5	37.4	171	102	6.4	50	
Isopropylbenzene	53	5	50	0	106	63	132	52.4	1.3	33.1	
Bromobenzene	47.9	5	50	0	95.7	65.1	120	49.5	3.4	23.6	
n-Propylbenzene	50.6	5	50	0	101	58.2	128	50.8	0.51	32.4	
4-Chlorotoluene	51.4	5	50	0	103	63.9	127	52	1.2	29.1	
2-Chlorotoluene	51	5	50	0	102	63.2	126	51.6	1.2	28.9	
1,3,5-Trimethylbenzene	52.7	5	50	0	105	63.8	138	52.2	0.9	31.9	
tert-Butylbenzene	54.2	5	50	0	108	59.7	128	54.5	0.5	36.2	
1,2,4-Trimethylbenzene	53.2	5	50	0	106	65.1	135	53	0.4	28.8	
sec-Butylbenzene	51.1	5	50	0	102	55.5	128	51.7	1.3	40.9	
1,3-Dichlorobenzene	49.8	5	50	0	99.6	64.5	122	50	0.44	28.6	
1,4-Dichlorobenzene	50.6	5	50	0	101	63.7	121	50.4	0.4	27.7	
4-Isopropyltoluene	53.6	5	50	0	107	58	135	53.6	0.056	40.4	
1,2-Dichlorobenzene	48.2	5	50	0	96.4	66.7	122	49.6	2.9	24.5	
n-Butylbenzene	54	5	50	0	108	52.7	139	53.7	0.46	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	223	15	250	0	89.0	59.1	143	241	7.8	24.9	
1,2,4-Trichlorobenzene	46.3	10	50	0	92.5	47.1	139	47.6	2.9	35	
Naphthalene	45.8	10	50	0	91.6	31.6	164	48.3	5.3	50	
1,2,3-Trichlorobenzene	42.5	10	50	0	84.9	17.7	171	43.9	3.3	57	
Surr: 1,2-Dichloroethane-d4	43.7		50		87.4	69.51	130.49	44.6	0	0	
Surr: Toluene-d8	49.7		50		99.4	69.51	130.49	49.2	0	0	
Surr: 4-Bromofluorobenzene	49.7		50		99.4	69.51	130.49	50.5	0	0	

Sample ID: 2105036-09AMS	SampType: MS		TestCode: VOC_W		Units: µg/L						
Client ID: EB-2MS	Batch ID: A12891		TestNo: SW8260C								
Prep Date: 5/10/2021	RunNo: 11517		SeqNo: 323002								
Analysis Date: 5/10/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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



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#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105036-09AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-2MS	Batch ID: A12891	TestNo: SW8260C	
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323002	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	74.2	5	50	0	148	5.1	155				
Chloromethane	60.5	10	50	0	121	37.7	121				
Vinyl chloride	60	5	50	0	120	60.4	140				
Chloroethane	48.2	5	50	0	96.5	43.1	206				
Bromomethane	21.8	10	50	0	43.5	12.6	168				
Trichlorofluoromethane	46.9	5	50	0	93.8	58.6	163				
Acetone	968	50	1000	0	96.8	37.3	152				
1,1-Dichloroethene	52.3	5	50	0	104	69.8	158				
Tertiary Butyl Alcohol (TBA)	490	50	500	0	98.0	60.4	158				
Dichloromethane	47.4	10	50	0	94.9	71.7	132				
Freon-113	50	5	50	0	100	52.1	166				
trans-1,2-Dichloroethene	59.7	5	50	0	119	72	136				
Methyl tert-butyl ether (MTBE)	50.6	2.5	50	0	101	54.8	155				
1,1-Dichloroethane	50.6	5	50	0	101	76.9	140				
2-Butanone (MEK)	1100	50	1000	0	110	73.7	142				
Di-isopropyl Ether (DIPE)	54.2	5	50	0	108	74.8	136				
cis-1,2-Dichloroethene	52.4	5	50	0	105	73.9	133				
Bromochloromethane	51.4	5	50	0	103	75.8	132				
Chloroform	50.2	5	50	0	100	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	51.8	5	50	0	104	74.8	138				
2,2-Dichloropropane	45.5	5	50	0	91.0	53.9	146				
1,2-Dichloroethane	48.8	5	50	0	97.6	72.6	144				
1,1,1-Trichloroethane	48.9	5	50	0	97.7	70.2	138				
1,1-Dichloropropene	53.2	5	50	0	106	69.7	146				
Carbon tetrachloride	50.1	5	50	0	100	58.2	141				
Benzene	52.6	2.5	50	0	105	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	52.6	5	50	0	105	72.3	144				
Dibromomethane	48	5	50	0	96.0	75.2	144				
1,2-Dichloropropane	49.9	5	50	0	99.9	75.3	144				
Trichloroethene	49.6	5	50	0	99.1	65.7	131				
Bromodichloromethane	50.4	5	50	0	101	70.2	141				
4-Methyl-2-pentanone (MIBK)	138	12.5	125	0	110	57.9	143				
cis-1,3-Dichloropropene	46.5	5	50	0	93.0	56.9	132				
trans-1,3-Dichloropropene	52	5	50	0	104	72	131				
1,1,2-Trichloroethane	51.7	5	50	0	103	74	130				
Toluene	48.9	2.5	50	0	97.9	67.2	131				
1,3-Dichloropropane	50.8	5	50	0	102	74.2	124				
2-Hexanone	534	25	500	0	107	66.7	135				
Dibromochloromethane	49.3	5	50	0	98.5	71.5	134				
1,2-Dibromoethane (EDB)	104	10	100	0	104	74.7	129				

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



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

QC SUMMARY REPORT

WO#: 2105036

12-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105036-09AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-2MS	Batch ID: A12891	TestNo: SW8260C	
Prep Date: 5/10/2021	RunNo: 11517	SeqNo: 323002	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	48.5	5	50	0	97.0	45.9	138				
1,1,1,2-Tetrachloroethane	51.3	5	50	0	103	75.7	125				
Chlorobenzene	48.6	5	50	0	97.3	73.7	120				
Ethylbenzene	51.9	2.5	50	0	104	70.3	122				
m,p-Xylene	52.3	2.5	50	0	105	52.9	136				
Bromoform	48.7	5	50	0	97.4	61.5	141				
Xylenes, Total	104	2.5	100	0	104	61	131				
Styrene	49.4	5	50	0	98.8	74	130				
o-Xylene	51.2	2.5	50	0	102	67.3	129				
1,1,2,2-Tetrachloroethane	54	5	50	0	108	62.4	153				
1,2,3-Trichloropropane	102	10	100	0	102	37.4	171				
Isopropylbenzene	52.4	5	50	0	105	63	132				
Bromobenzene	49.5	5	50	0	99.0	65.1	120				
n-Propylbenzene	50.8	5	50	0	102	58.2	128				
4-Chlorotoluene	52	5	50	0	104	63.9	127				
2-Chlorotoluene	51.6	5	50	0	103	63.2	126				
1,3,5-Trimethylbenzene	52.2	5	50	0	104	63.8	138				
tert-Butylbenzene	54.5	5	50	0	109	59.7	128				
1,2,4-Trimethylbenzene	53	5	50	0	106	65.1	135				
sec-Butylbenzene	51.7	5	50	0	103	55.5	128				
1,3-Dichlorobenzene	50	5	50	0	100	64.5	122				
1,4-Dichlorobenzene	50.4	5	50	0	101	63.7	121				
4-Isopropyltoluene	53.6	5	50	0	107	58	135				
1,2-Dichlorobenzene	49.6	5	50	0	99.2	66.7	122				
n-Butylbenzene	53.7	5	50	0	107	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	241	15	250	0	96.3	59.1	143				
1,2,4-Trichlorobenzene	47.6	10	50	0	95.2	47.1	139				
Naphthalene	48.3	10	50	0	96.5	31.6	164				
1,2,3-Trichlorobenzene	43.9	10	50	0	87.8	17.7	171				
Surr: 1,2-Dichloroethane-d4	44.6		50		89.3	69.51	130.49				
Surr: Toluene-d8	49.2		50		98.4	69.51	130.49				
Surr: 4-Bromofluorobenzene	50.5		50		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 limits



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

Definition Only

WO#: 2105036
Date: 5/12/2021

Definitions:

ND = Not Detected

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

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

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

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

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

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

O = Reporting Limits were increased due to sample foaming.

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

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

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

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

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

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

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

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

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

WORKORDER SUMMARY

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

CA

WorkOrder: CHH2105036
 Report Due By: 17-May-21
 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-May-21

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					
CHH2105036-01	GMW-37	AQ	5/4/2021 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					
CHH2105036-02	GMW-SF-8	AQ	5/4/2021 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					
CHH2105036-03	GMW-38	AQ	5/4/2021 10:41:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105036-04	GMW-SF-7	AQ	5/4/2021 11:15:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105036-05	MW-8	AQ	5/4/2021 11:57:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105036-06	GMW-39	AQ	5/4/2021 12:43:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105036-07	GMW-13	AQ	5/4/2021 1:48:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105036-08	GMW-14R	AQ	5/4/2021 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					
CHH2105036-09	EB-2	AQ	5/4/2021 2:45:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105036-10	EXP-3	AQ	5/4/2021 8:20:00 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
Logged in by: 	Haylee Tilton	Alpha Analytical, Inc.	5/6/21 11:23

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests						Sample Remarks
				Alpha	Sub	TAT	TPH/E_W	TPH/P_W	VOC_W				
CHH2105036-11	EXP-5	AQ	5/4/2021 8:43:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-12	GMW-O-17	AQ	5/4/2021 9:23:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-13	GMW-O-5	AQ	5/4/2021 10:07:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-14	GMW-O-4	AQ	5/4/2021 10:48:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-15	GMW-O-3	AQ	5/4/2021 11:29:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-16	GMW-O-23	AQ	5/4/2021 12:12:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-17	GMW-O-11	AQ	5/4/2021 12:53:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-18	GMW-O-20	AQ	5/4/2021 1:52:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-19	EB-1	AQ	5/4/2021 2:30:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-20	TB-1	AQ	5/4/2021 7:00:00 AM	2	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				SAC TB 02/03/21
CHH2105036-21	EB-3	AQ	5/4/2021 2:45:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-22	EXP-4	AQ	5/4/2021 1:36:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-23	WCW-2	AQ	5/4/2021 9:50:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-24	WCW-3	AQ	5/4/2021 10:30:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-25	WCW-4	AQ	5/4/2021 2:22:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-26	WCW-5	AQ	5/4/2021 8:38:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-27	WCW-6	AQ	5/4/2021 9:11:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-28	WCW-12	AQ	5/4/2021 11:30:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				
CHH2105036-29	WCW-13	AQ	5/4/2021 12:20:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate				

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

Signature	Print Name	Company	Date/Time
Logged in by: 	Haylee Tilton	Alpha Analytical, Inc.	5/6/21 11:23

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

BLAINE

TECH SERVICES, INC.

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

CONDUCT ANALYSIS TO DETECT

LAB Alpha Analytical COC 1 of 3

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	CONTAINERS			TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AO=Water	#	Preservation	Type											
GMW-37	5-4-21	0909	AQ	6	HCL	VOAS	X	X									CHH 2105036-01
GMW-5F-8		1003					X	X									-02
GMW-38		1041					X	X									-03
GMW-5F-7		1115					X	X									-04
MW-8		1157					X	X									-05
GMW-39		1243					X	X									-06
GMW-13		1348					X	X									-07
GMW-14A		1431					X	X									-08
EB-2		1445					X	X									-09
EXP-3		0820					X	X									-10

SAMPLING COMPLETED DATE 5-4-21 TIME 1500 SAMPLING PERFORMED BY Kevin Thompson RESULTS NEEDED NO LATER THAN Standard

RELEASED BY [Signature] TIME 1500 RECEIVED BY Nicole DATE 5/4/21 TIME 1500

RELEASED BY Nicole TIME 1600 RECEIVED BY FEDEX 7736 42608965 DATE 5/5/21 TIME 1600

RELEASED BY [Signature] TIME [Signature] RECEIVED BY Haylen Tilton DATE 5/6/21 TIME 10:57

SHIPPED VIA TIME SENT COOLER # Page 84 of 86

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 02 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	5-4-21	0843	AQ	6	HCL	VOA	X	X										
GMW-0-17	5-4-21	0923	AQ	6	HCL	VOA	X	X										CH2105636-11
GMW-0-5	5-4-21	1007	AQ	6	HCL	VOA	X	X										-12
GMW-0-4	5-4-21	1048	AQ	6	HCL	VOA	X	X										-13
GMW-0-3	5-4-21	1129	AQ	6	HCL	VOA	X	X										-14
GMW-0-23	5-4-21	1212	AQ	6	HCL	VOA	X	X										-15
GMW-0-11	5-4-21	1253	AQ	6	HCL	VOA	X	X										-16
GMW-0-20	5-4-21	1352	AQ	6	HCL	VOA	X	X										-17
EB-1	5-4-21	1430	AQ	6	HCL	VOA	X	X										-18
TB-1	5-4-21	0700	AQ	2	HCL	VOA	X	X										-19
																		-20

SAMPLING COMPLETED DATE 5-4-21 TIME 1430
 SAMPLING PERFORMED BY Josh Alessi

RESULTS NEEDED
 NO LATER THAN Standard

RELEASED BY	TIME 1500	RECEIVED BY	DATE 5/4/21	TIME 1500
RELEASED BY	TIME 1600	RECEIVED BY FEDEX	DATE 5/5/21	TIME 1600
RELEASED BY	TIME	RECEIVED BY	DATE 5/6/21	TIME 10:57
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 3 of 3

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

Report to:
 Kinder Morgan Norwalk
 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	Type														
EB-3	5-4-21	1445	AQ	6	HCL	VOA	X	X												CHH2105036-21
EXP-4		1336	AQ	6			X	X												-22
Wcw-2		0950	AQ	6			X	X												-23
Wcw-3		1030	AQ	6			X	X												-24
Wcw-4		1422	AQ	6			X	X												-25
Wcw-5		0838	AQ	6			X	X												-26
Wcw-6		0911	AQ	6			X	X												-27
Wcw-12		1130	AQ	6			X	X												-28
Wcw-13		1720	AQ	6			X	X												-29

SAMPLING COMPLETED: **5-4-21** | DATE: **5-4-21** | TIME: **1545** | SAMPLING PERFORMED BY: **Garnett Graves** | RESULTS NEEDED NO LATER THAN: **Standard**

RELEASED BY: *[Signature]* | TIME: **1545** | RECEIVED BY: *[Signature]* | DATE: **5/4/21** | TIME: **1545**

RELEASED BY: *[Signature]* | TIME: **1600** | RECEIVED BY: **FEDEX** | DATE: **5/5/21** | TIME: **1600**

RELEASED BY: *[Signature]* | TIME: **10:57** | RECEIVED BY: **Hayden Tilton** | DATE: **5/6/21** | TIME: **10:57**

SHIPPED VIA: **2** | TIME SENT: **10:57** | COOLER #: **Page 86 of 86**



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

June 02, 2021

Eric Davis
CH2M Hill
1000 Wilshire Boulevard
Los Angeles, CA 90017
TEL: (213) 228-8271
FAX: (714) 424-2135

RE: DFSP Norwalk

Order No.: CHH2105046

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 cursive script that reads "Randy Gardner".

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



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill

Collection Date: 5/6/2021

Project: DFSP Norwalk

Lab ID: 2105046-01

Matrix: AQUEOUS

Client Sample ID: EXP-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill

Collection Date: 5/6/2021

Project: DFSP Norwalk

Lab ID: 2105046-01

Matrix: AQUEOUS

Client Sample ID: EXP-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 7:40:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-02 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-19

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 7:40:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-02 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-19

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 8:30:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-03 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-16

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	95	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	109	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	6.7	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 8:30:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-03 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-16

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	1.8	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	1.8	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	109	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 9:28:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-04 **Matrix:** AQUEOUS
Client Sample ID: GMW-36

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.10	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	107	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	25	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 9:28:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-04 **Matrix:** AQUEOUS
Client Sample ID: GMW-36

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 10:13:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-05 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.23	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	11	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 10:13:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-05 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 11:01:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-06 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.50	0.050		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.10	O	mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	2.3	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 11:01:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-06 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	5/12/2021	VOCs by EPA 8260

NOTES:
 Some Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 11:49:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-07 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-15

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.32	0.050		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	95	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.10	O	mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.83	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	15	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 11:49:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-07 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-15

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	5/12/2021	VOCs by EPA 8260

NOTES:
 Some Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 12:47:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-08 **Matrix:** AQUEOUS
Client Sample ID: MW-18(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.28	0.050		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	95	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	16	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	2.6	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 12:47:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-08 **Matrix:** AQUEOUS
Client Sample ID: MW-18(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 1:27:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-09 **Matrix:** AQUEOUS
Client Sample ID: GMW-10

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	19	0.50		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.50	O	mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	100		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	25		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	500		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	100		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	25		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 1:27:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-09 **Matrix:** AQUEOUS
Client Sample ID: GMW-10

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	30		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/12/2021	VOCs by EPA 8260

NOTES:
 Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021

Project: DFSP Norwalk

Lab ID: 2105046-10 **Matrix:** AQUEOUS

Client Sample ID: DUP-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	19	0.50		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.50	O	mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	100		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	25		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	500		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	100		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	25		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021

Project: DFSP Norwalk

Lab ID: 2105046-10 **Matrix:** AQUEOUS

Client Sample ID: DUP-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	30		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/12/2021	VOCs by EPA 8260

NOTES:

Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 2:16:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-11 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	61	0.50		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	89	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.20	O	mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	8.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	8.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	8.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	200		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	16	2.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	5.7	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 2:16:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-11 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	1.5	1.0		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	1.8	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	1.8	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/12/2021	VOCs by EPA 8260

NOTES:
 Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 2:28:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-12 **Matrix:** AQUEOUS
Client Sample ID: EB-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 2:28:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-12 **Matrix:** AQUEOUS
Client Sample ID: EB-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 7:52:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-13 **Matrix:** AQUEOUS
Client Sample ID: GMW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.16	0.050	L	mg/L	5/10/2021	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	5/10/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill

Collection Date: 5/6/2021 7:52:00 AM

Project: DFSP Norwalk

Lab ID: 2105046-13

Matrix: AQUEOUS

Client Sample ID: GMW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 8:35:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-14 **Matrix:** AQUEOUS
Client Sample ID: MW-19(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	98	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	12	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	2.1	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	1.3	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 8:35:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-14 **Matrix:** AQUEOUS
Client Sample ID: MW-19(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 9:08:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-15 **Matrix:** AQUEOUS
Client Sample ID: PW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.18	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 9:08:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-15 **Matrix:** AQUEOUS
Client Sample ID: PW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 9:49:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-16 **Matrix:** AQUEOUS
Client Sample ID: GMW-26

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	100	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 9:49:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-16 **Matrix:** AQUEOUS
Client Sample ID: GMW-26

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 10:26:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-17 **Matrix:** AQUEOUS
Client Sample ID: GMW-28

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	100	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	24	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	1.8	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 10:26:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-17 **Matrix:** AQUEOUS
Client Sample ID: GMW-28

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 11:10:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-18 **Matrix:** AQUEOUS
Client Sample ID: HL-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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

Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 11:10:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-18 **Matrix:** AQUEOUS
Client Sample ID: HL-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 12:02:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-19 **Matrix:** AQUEOUS
Client Sample ID: MW-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.12	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2105046-19
Client Sample ID: MW-12

Collection Date: 5/6/2021 12:02:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 12:57:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-20 **Matrix:** AQUEOUS
Client Sample ID: GMW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.083	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	96	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill

Collection Date: 5/6/2021 12:57:00 PM

Project: DFSP Norwalk

Lab ID: 2105046-20

Matrix: AQUEOUS

Client Sample ID: GMW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 1:53:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-21 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.34	0.050	L	mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	95	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.10	O	mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.56	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 1:53:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-21 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	5/12/2021	VOCs by EPA 8260

NOTES:
 Some Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 11:40:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-22 **Matrix:** AQUEOUS
Client Sample ID: EXP-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	96	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	11	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.60	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill

Collection Date: 5/6/2021 11:40:00 AM

Project: DFSP Norwalk

Lab ID: 2105046-22

Matrix: AQUEOUS

Client Sample ID: EXP-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 2:20:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-23 **Matrix:** AQUEOUS
Client Sample ID: EB-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/11/2021	TPH-E by EPA 8015C
Surr: Nonane	94	63-125		%Rec	5/11/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 2:20:00 PM
Project: DFSP Norwalk
Lab ID: 2105046-23 **Matrix:** AQUEOUS
Client Sample ID: EB-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/12/2021	VOCs by EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-24 **Matrix:** AQUEOUS
Client Sample ID: TB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Dichlorodifluoromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105046

Report Date: 6/2/2021

CLIENT: CH2M Hill **Collection Date:** 5/6/2021 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2105046-24 **Matrix:** AQUEOUS
Client Sample ID: TB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Xylenes, Total	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5/12/2021	VOCs by EPA 8260



Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-12895	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 12895	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11501	SeqNo: 322882	
Analysis Date: 5/10/2021			

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-12895	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 12895	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11501	SeqNo: 322883	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.79	0.05	2.5	0	112	89.6	123				
Surr: Nonane	0.153		0.15		102	60	129				

Sample ID: 2105021-02AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 12895	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11501	SeqNo: 322887	
Analysis Date: 5/10/2021			

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	2.94	1	8	
Surr: Nonane	0.301		0.3		100	68.8	128	0.28	0	0	

Sample ID: 2105021-02AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 12895	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11501	SeqNo: 322886	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.94	0.1	2.5	0	118	79	140				
Surr: Nonane	0.28		0.3		93.3	68.8	128				

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-12896	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 12896	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11502	SeqNo: 322858	
Analysis Date: 5/10/2021			

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-12896	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 12896	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11502	SeqNo: 322859	
Analysis Date: 5/10/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.81	0.05	2.5	0	113	89.6	123				
Surr: Nonane	0.152		0.15		101	60	129				

Sample ID: 2105046-23AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-7MSD	Batch ID: 12896	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11502	SeqNo: 322881	
Analysis Date: 5/11/2021			

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	3.12	3.8	8	
Surr: Nonane	0.292		0.3		97.3	68.8	128	0.294	0	0	

Sample ID: 2105046-23AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-7MS	Batch ID: 12896	TestNo: SW8015	SW8015
Prep Date: 5/10/2021	RunNo: 11502	SeqNo: 322880	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	3.12	0.1	2.5	0	125	79	140				
Surr: Nonane	0.294		0.3		98.0	68.8	128				

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-12908	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A12908B	TestNo: SW8015									
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323346									
Analysis Date: 5/11/2021											
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	0.009		0.01		89.5	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-12908	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A12908B	TestNo: SW8015									
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323345									
Analysis Date: 5/11/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.4	0.05	0.4	0	99.9	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.00884		0.01		88.4	69.51	130.49				
Surr: Toluene-d8	0.0101		0.01		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0105		0.01		105	69.51	130.49				

Sample ID: 2105047-34AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A12908B	TestNo: SW8015									
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323367									
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.93	0.25	2	0	96.7	60	125	1.83	5.3	28	
Surr: 1,2-Dichloroethane-d4	0.0483		0.05		96.6	69.51	130.49	0.0459	0	0	
Surr: Toluene-d8	0.0501		0.05		100	69.51	130.49	0.0496	0	0	
Surr: 4-Bromofluorobenzene	0.0499		0.05		99.9	69.51	130.49	0.0512	0	0	

Sample ID: 2105047-34AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A12908B	TestNo: SW8015									
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323366									
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.83	0.25	2	0	91.7	60	125				
Surr: 1,2-Dichloroethane-d4	0.0459		0.05		91.7	69.51	130.49				
Surr: Toluene-d8	0.0496		0.05		99.2	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0512		0.05		102	69.51	130.49				

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



Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2105047-34AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A12908B	TestNo: SW8015									
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323366									
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: MB-12917	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A12917B	TestNo: SW8015									
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323446									
Analysis Date: 5/12/2021											
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		89.1	69.51	130.49				
Surr: Toluene-d8	0.011		0.01		105	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		105	69.51	130.49				

Sample ID: GLCS-12917	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A12917B	TestNo: SW8015									
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323445									
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-P (GRO)	0.421	0.05	0.4	0	105	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.00926		0.01		92.6	69.51	130.49				
Surr: Toluene-d8	0.0102		0.01		102	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0106		0.01		106	69.51	130.49				

Sample ID: 2105046-12AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-8	Batch ID: A12917B	TestNo: SW8015									
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323468									
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-P (GRO)	1.93	0.25	2	0	96.7	60	125	1.89	2.4	28	
Surr: 1,2-Dichloroethane-d4	0.0418		0.05		83.7	69.51	130.49	0.0424	0	0	
Surr: Toluene-d8	0.0506		0.05		101	69.51	130.49	0.0505	0	0	
Surr: 4-Bromofluorobenzene	0.0538		0.05		108	69.51	130.49	0.0529	0	0	

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2105046-12AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L
Client ID: EB-8	Batch ID: A12917B	TestNo: SW8015	
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323467	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.89	0.25	2	0	94.4	60	125				
Surr: 1,2-Dichloroethane-d4	0.0424		0.05		84.7	69.51	130.49				
Surr: Toluene-d8	0.0505		0.05		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0529		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 limits



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12908	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323342	
Analysis Date: 5/11/2021			

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

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12908	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323342	
Analysis Date: 5/11/2021			

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		10		89.5	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:
 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#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12908	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323341	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	10.3	1	10	0	103	16.9	124				
Chloromethane	9.51	2	10	0	95.1	25.9	136				
Vinyl chloride	9.13	1	10	0	91.3	47.8	132				
Chloroethane	6.65	1	10	0	66.5	62.3	169				
Bromomethane	10.3	2	10	0	103	33.8	135				
Trichlorofluoromethane	9.11	1	10	0	91.1	16.8	155				
Acetone	170	10	200	0	85.2	72	124				
1,1-Dichloroethene	9.44	1	10	0	94.4	65.2	129				
Tertiary Butyl Alcohol (TBA)	99.7	10	100	0	99.7	52.9	128.4				
Dichloromethane	8.94	2	10	0	89.4	65.2	129				
Freon-113	9.7	1	10	0	97.0	52.4	143				
trans-1,2-Dichloroethene	9.51	1	10	0	95.1	66.7	132				
Methyl tert-butyl ether (MTBE)	10	0.5	10	0	100	52.9	125				
1,1-Dichloroethane	8.84	1	10	0	88.4	66.6	129				
2-Butanone (MEK)	202	10	200	0	101	63.7	120.4				
Di-isopropyl Ether (DIPE)	9.25	1	10	0	92.5	63.6	131				
cis-1,2-Dichloroethene	9.1	1	10	0	91.0	59.2	131				
Bromochloromethane	9.67	1	10	0	96.7	65.9	121				
Chloroform	9.25	1	10	0	92.5	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	9.83	1	10	0	98.3	44.6	136				
2,2-Dichloropropane	10.9	1	10	0	109	58.2	146				
1,2-Dichloroethane	9.03	1	10	0	90.3	73.4	120.4				
1,1,1-Trichloroethane	9.7	1	10	0	97.0	52.7	144				
1,1-Dichloropropene	9.55	1	10	0	95.5	85.6	131				
Carbon tetrachloride	10.4	1	10	0	104	30.9	175				
Benzene	8.97	0.5	10	0	89.7	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	8.42	1	10	0	84.2	52.4	141				
Dibromomethane	9.73	1	10	0	97.3	78.5	120.4				
1,2-Dichloropropane	9.06	1	10	0	90.6	79.5	126				
Trichloroethene	8.66	1	10	0	86.6	69	120.4				
Bromodichloromethane	9.17	1	10	0	91.7	73.9	122				
4-Methyl-2-pentanone (MIBK)	23.3	2.5	25	0	93.0	66.4	122				
cis-1,3-Dichloropropene	10.1	1	10	0	101	78.7	120.4				
trans-1,3-Dichloropropene	10.3	1	10	0	103	70.2	120.4				
1,1,2-Trichloroethane	9.21	1	10	0	92.1	76.2	120.4				
Toluene	8.51	0.5	10	0	85.1	79.7	126				
1,3-Dichloropropane	8.87	1	10	0	88.7	71.7	131				
2-Hexanone	98.2	5	100	0	98.2	52.9	152				
Dibromochloromethane	9.88	1	10	0	98.8	79.5	120.4				
1,2-Dibromoethane (EDB)	19.1	2	20	0	95.6	76.4	120.4				

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12908	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323341	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	9.16	1	10	0	91.6	64	123				
1,1,1,2-Tetrachloroethane	9.57	1	10	0	95.7	77.9	120.4				
Chlorobenzene	9.05	1	10	0	90.5	70.9	120.4				
Ethylbenzene	9.23	0.5	10	0	92.3	77.5	120.4				
m,p-Xylene	9.31	0.5	10	0	93.1	74.8	120.4				
Bromoform	9.62	1	10	0	96.2	51.3	120.4				
Xylenes, Total	18.8	0.5	20	0	94.2	77.6	120.4				
Styrene	9.41	1	10	0	94.1	71.9	120.4				
o-Xylene	9.52	0.5	10	0	95.2	79.1	120.4				
1,1,2,2-Tetrachloroethane	11	1	10	0	110	55.6	138				
1,2,3-Trichloropropane	18.3	2	20	0	91.7	73.4	120.4				
Isopropylbenzene	9.64	1	10	0	96.4	78.7	148				
Bromobenzene	9.25	1	10	0	92.5	79.5	121				
n-Propylbenzene	9.71	1	10	0	97.1	82.5	134				
4-Chlorotoluene	9.43	1	10	0	94.3	79.5	135				
2-Chlorotoluene	9.34	1	10	0	93.4	79.5	131				
1,3,5-Trimethylbenzene	9.93	1	10	0	99.3	79.5	135				
tert-Butylbenzene	9.9	1	10	0	99.0	79.5	139				
1,2,4-Trimethylbenzene	9.99	1	10	0	99.9	79.5	138				
sec-Butylbenzene	9.51	1	10	0	95.1	79.5	132				
1,3-Dichlorobenzene	9.39	1	10	0	93.9	79.5	125				
1,4-Dichlorobenzene	9.45	1	10	0	94.5	79.5	123				
4-Isopropyltoluene	10	1	10	0	100	79.5	130				
1,2-Dichlorobenzene	8.98	1	10	0	89.8	79.5	121				
n-Butylbenzene	10.1	1	10	0	101	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	54.6	3	50	0	109	72.1	136				
1,2,4-Trichlorobenzene	10.8	2	10	0	108	73.3	126				
Naphthalene	11	2	10	0	110	47.2	142				
1,2,3-Trichlorobenzene	10.3	2	10	0	103	67.4	130				
Surr: 1,2-Dichloroethane-d4	9.01		10		90.1	69.51	130.5				
Surr: Toluene-d8	10		10		100	69.51	130.5				
Surr: 4-Bromofluorobenzene	10.6		10		106	69.51	130.5				

Sample ID: 2105047-34AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323340	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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Qualifiers: B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-34AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323340	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	39.8	5	50	0	79.7	5.1	155	47.8	18	38	
Chloromethane	36	10	50	0	72.0	37.7	121	37.7	4.6	22.5	
Vinyl chloride	41.4	5	50	0	82.8	60.4	140	44.9	8.1	23.9	
Chloroethane	30.5	5	50	0	61.0	43.1	206	31.3	2.6	22.9	
Bromomethane	33.2	10	50	0	66.4	12.6	168	33.9	2.1	48	
Trichlorofluoromethane	43.8	5	50	0	87.7	58.6	163	47	7	33.3	
Acetone	823	50	1000	0	82.3	37.3	152	859	4.3	50	
1,1-Dichloroethene	45.7	5	50	0	91.4	69.8	158	47.3	3.4	21.7	
Tertiary Butyl Alcohol (TBA)	434	50	500	0	86.8	60.4	158	456	4.9	26.8	
Dichloromethane	43.1	10	50	0	86.2	71.7	132	45.4	5.3	20	
Freon-113	39.5	5	50	0	78.9	52.1	166	45.1	13	25.9	
trans-1,2-Dichloroethene	44	5	50	0	88.0	72	136	45.8	4.1	19.2	
Methyl tert-butyl ether (MTBE)	48.6	2.5	50	0	97.1	54.8	155	49.3	1.6	21.4	
1,1-Dichloroethane	43.3	5	50	0	86.6	76.9	140	45.4	4.7	18	
2-Butanone (MEK)	938	50	1000	0	93.8	73.7	142	995	5.9	20.9	
Di-isopropyl Ether (DIPE)	45.5	5	50	0	91.1	74.8	136	46.3	1.8	18.2	
cis-1,2-Dichloroethene	45	5	50	0	90.0	73.9	133	45.9	1.8	20.1	
Bromochloromethane	45.9	5	50	0	91.8	75.8	132	48.1	4.6	23.5	
Chloroform	45.6	5	50	0	91.2	74.3	130	48.3	5.8	18	
Ethyl Tertiary Butyl Ether (ETBE)	47	5	50	0	94.0	74.8	138	48.3	2.8	20.3	
2,2-Dichloropropane	17.5	5	50	0	35.1	53.9	146	18.1	3.1	52.3	S
1,2-Dichloroethane	45.7	5	50	0	91.4	72.6	144	47.4	3.7	17.1	
1,1,1-Trichloroethane	48.4	5	50	0	96.8	70.2	138	49.2	1.7	22.2	
1,1-Dichloropropene	45.8	5	50	0	91.6	69.7	146	47.9	4.5	29.6	
Carbon tetrachloride	49.6	5	50	0	99.2	58.2	141	51.9	4.5	31.9	
Benzene	43.6	2.5	50	0	87.1	67.8	140	46.2	5.9	18.1	
Tertiary Amyl Methyl Ether (TAME)	45.5	5	50	0	91.0	72.3	144	46.3	1.6	20.6	
Dibromomethane	46.2	5	50	0	92.4	75.2	144	48.3	4.4	19.5	
1,2-Dichloropropane	43.9	5	50	0	87.7	75.3	144	46.1	4.9	19.7	
Trichloroethene	41.1	5	50	0	82.2	65.7	131	42.6	3.7	25.3	
Bromodichloromethane	45.9	5	50	0	91.7	70.2	141	47.2	2.8	20.5	
4-Methyl-2-pentanone (MIBK)	113	12.5	125	0	90.3	57.9	143	119	4.9	21.3	
cis-1,3-Dichloropropene	39.2	5	50	0	78.3	56.9	132	41	4.6	25.8	
trans-1,3-Dichloropropene	40.5	5	50	0	81.0	72	131	42.1	3.9	26.4	
1,1,2-Trichloroethane	46.6	5	50	0	93.3	74	130	47.4	1.6	21.9	
Toluene	40.8	2.5	50	0	81.7	67.2	131	43.1	5.5	18.3	
1,3-Dichloropropane	41.5	5	50	0	83.0	74.2	124	43.6	5	21.7	
2-Hexanone	475	25	500	0	95.0	66.7	135	506	6.4	20.9	
Dibromochloromethane	46.2	5	50	0	92.5	71.5	134	47.9	3.6	24.1	
1,2-Dibromoethane (EDB)	92.2	10	100	0	92.2	74.7	129	98.3	6.3	23.1	

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-34AMSD	SampType: MSD		TestCode: VOC_W		Units: µg/L						
Client ID: BatchQC	Batch ID: A12908		TestNo: SW8260C								
Prep Date: 5/12/2021	RunNo: 11530		SeqNo: 323340								
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	41.3	5	50	0	82.5	45.9	138	45.1	8.8	30.9	
1,1,1,2-Tetrachloroethane	45.5	5	50	0	91.0	75.7	125	48.8	7	22.6	
Chlorobenzene	43.3	5	50	0	86.6	73.7	120	46	6	23.1	
Ethylbenzene	43.4	2.5	50	0	86.8	70.3	122	46.7	7.3	25.3	
m,p-Xylene	42.7	2.5	50	0	85.4	52.9	136	45.8	7.1	26.6	
Bromoform	44.2	5	50	0	88.4	61.5	141	47.1	6.4	25	
Xylenes, Total	86.6	2.5	100	0	86.6	61	131	92.9	7	25.6	
Styrene	44.1	5	50	0	88.3	74	130	46.2	4.4	26	
o-Xylene	43.9	2.5	50	0	87.9	67.3	129	47.1	6.9	25	
1,1,2,2-Tetrachloroethane	52.8	5	50	0	106	62.4	153	56.3	6.4	24.6	
1,2,3-Trichloropropane	85.3	10	100	0	85.3	37.4	171	93.1	8.8	50	
Isopropylbenzene	44.9	5	50	0	89.7	63	132	46.4	3.3	33.1	
Bromobenzene	42.6	5	50	0	85.2	65.1	120	44.7	4.9	23.6	
n-Propylbenzene	44.7	5	50	0	89.4	58.2	128	45.8	2.5	32.4	
4-Chlorotoluene	43.4	5	50	0	86.9	63.9	127	45.7	5.1	29.1	
2-Chlorotoluene	43.8	5	50	0	87.6	63.2	126	45.1	3	28.9	
1,3,5-Trimethylbenzene	46.8	5	50	0	93.7	63.8	138	49.4	5.3	31.9	
tert-Butylbenzene	46.5	5	50	0	92.9	59.7	128	47.6	2.5	36.2	
1,2,4-Trimethylbenzene	47.2	5	50	0	94.3	65.1	135	49.1	3.9	28.8	
sec-Butylbenzene	43.2	5	50	0	86.4	55.5	128	45.7	5.7	40.9	
1,3-Dichlorobenzene	42.9	5	50	0	85.8	64.5	122	45.1	5.1	28.6	
1,4-Dichlorobenzene	43.9	5	50	0	87.8	63.7	121	45.9	4.5	27.7	
4-Isopropyltoluene	44.8	5	50	0	89.6	58	135	46.9	4.6	40.4	
1,2-Dichlorobenzene	42.2	5	50	0	84.5	66.7	122	43.9	3.8	24.5	
n-Butylbenzene	44	5	50	0	88.1	52.7	139	46	4.3	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	265	15	250	0	106	59.1	143	275	3.7	24.9	
1,2,4-Trichlorobenzene	46.5	10	50	0	92.9	47.1	139	48.5	4.2	35	
Naphthalene	49.7	10	50	0	99.3	31.6	164	50.1	0.8	50	
1,2,3-Trichlorobenzene	47.4	10	50	0	94.9	17.7	171	48.8	2.8	57	
Surr: 1,2-Dichloroethane-d4	48.3		50		96.7	69.51	130.49	48.9	0	0	
Surr: Toluene-d8	48.7		50		97.3	69.51	130.49	49	0	0	
Surr: 4-Bromofluorobenzene	51.6		50		103	69.51	130.49	51.3	0	0	

Sample ID: 2105047-34AMS	SampType: MS		TestCode: VOC_W		Units: µg/L						
Client ID: BatchQC	Batch ID: A12908		TestNo: SW8260C								
Prep Date: 5/12/2021	RunNo: 11530		SeqNo: 323339								
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-34AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323339	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	47.8	5	50	0	95.7	5.1	155				
Chloromethane	37.7	10	50	0	75.4	37.7	121				
Vinyl chloride	44.9	5	50	0	89.7	60.4	140				
Chloroethane	31.3	5	50	0	62.7	43.1	206				
Bromomethane	33.9	10	50	0	67.8	12.6	168				
Trichlorofluoromethane	47	5	50	0	94.1	58.6	163				
Acetone	859	50	1000	0	85.9	37.3	152				
1,1-Dichloroethene	47.3	5	50	0	94.6	69.8	158				
Tertiary Butyl Alcohol (TBA)	456	50	500	0	91.2	60.4	158				
Dichloromethane	45.4	10	50	0	90.8	71.7	132				
Freon-113	45.1	5	50	0	90.2	52.1	166				
trans-1,2-Dichloroethene	45.8	5	50	0	91.7	72	136				
Methyl tert-butyl ether (MTBE)	49.3	2.5	50	0	98.7	54.8	155				
1,1-Dichloroethane	45.4	5	50	0	90.8	76.9	140				
2-Butanone (MEK)	995	50	1000	0	99.5	73.7	142				
Di-isopropyl Ether (DIPE)	46.3	5	50	0	92.7	74.8	136				
cis-1,2-Dichloroethene	45.9	5	50	0	91.7	73.9	133				
Bromochloromethane	48.1	5	50	0	96.1	75.8	132				
Chloroform	48.3	5	50	0	96.6	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	48.3	5	50	0	96.7	74.8	138				
2,2-Dichloropropane	18.1	5	50	0	36.2	53.9	146				S
1,2-Dichloroethane	47.4	5	50	0	94.9	72.6	144				
1,1,1-Trichloroethane	49.2	5	50	0	98.4	70.2	138				
1,1-Dichloropropene	47.9	5	50	0	95.8	69.7	146				
Carbon tetrachloride	51.9	5	50	0	104	58.2	141				
Benzene	46.2	2.5	50	0	92.4	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	46.3	5	50	0	92.5	72.3	144				
Dibromomethane	48.3	5	50	0	96.6	75.2	144				
1,2-Dichloropropane	46.1	5	50	0	92.1	75.3	144				
Trichloroethene	42.6	5	50	0	85.2	65.7	131				
Bromodichloromethane	47.2	5	50	0	94.4	70.2	141				
4-Methyl-2-pentanone (MIBK)	119	12.5	125	0	94.8	57.9	143				
cis-1,3-Dichloropropene	41	5	50	0	82.0	56.9	132				
trans-1,3-Dichloropropene	42.1	5	50	0	84.2	72	131				
1,1,2-Trichloroethane	47.4	5	50	0	94.8	74	130				
Toluene	43.1	2.5	50	0	86.2	67.2	131				
1,3-Dichloropropane	43.6	5	50	0	87.3	74.2	124				
2-Hexanone	506	25	500	0	101	66.7	135				
Dibromochloromethane	47.9	5	50	0	95.8	71.5	134				
1,2-Dibromoethane (EDB)	98.3	10	100	0	98.3	74.7	129				

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-34AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323339	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	45.1	5	50	0	90.1	45.9	138				
1,1,1,2-Tetrachloroethane	48.8	5	50	0	97.6	75.7	125				
Chlorobenzene	46	5	50	0	91.9	73.7	120				
Ethylbenzene	46.7	2.5	50	0	93.4	70.3	122				
m,p-Xylene	45.8	2.5	50	0	91.7	52.9	136				
Bromoform	47.1	5	50	0	94.2	61.5	141				
Xylenes, Total	92.9	2.5	100	0	92.9	61	131				
Styrene	46.2	5	50	0	92.3	74	130				
o-Xylene	47.1	2.5	50	0	94.1	67.3	129				
1,1,2,2-Tetrachloroethane	56.3	5	50	0	113	62.4	153				
1,2,3-Trichloropropane	93.1	10	100	0	93.2	37.4	171				
Isopropylbenzene	46.4	5	50	0	92.7	63	132				
Bromobenzene	44.7	5	50	0	89.5	65.1	120				
n-Propylbenzene	45.8	5	50	0	91.6	58.2	128				
4-Chlorotoluene	45.7	5	50	0	91.4	63.9	127				
2-Chlorotoluene	45.1	5	50	0	90.2	63.2	126				
1,3,5-Trimethylbenzene	49.4	5	50	0	98.7	63.8	138				
tert-Butylbenzene	47.6	5	50	0	95.3	59.7	128				
1,2,4-Trimethylbenzene	49.1	5	50	0	98.1	65.1	135				
sec-Butylbenzene	45.7	5	50	0	91.4	55.5	128				
1,3-Dichlorobenzene	45.1	5	50	0	90.2	64.5	122				
1,4-Dichlorobenzene	45.9	5	50	0	91.9	63.7	121				
4-Isopropyltoluene	46.9	5	50	0	93.8	58	135				
1,2-Dichlorobenzene	43.9	5	50	0	87.8	66.7	122				
n-Butylbenzene	46	5	50	0	91.9	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	275	15	250	0	110	59.1	143				
1,2,4-Trichlorobenzene	48.5	10	50	0	96.9	47.1	139				
Naphthalene	50.1	10	50	0	100	31.6	164				
1,2,3-Trichlorobenzene	48.8	10	50	0	97.6	17.7	171				
Surr: 1,2-Dichloroethane-d4	48.9		50		97.8	69.51	130.49				
Surr: Toluene-d8	49		50		98.0	69.51	130.49				
Surr: 4-Bromofluorobenzene	51.3		50		103	69.51	130.49				

Sample ID: MB-12917	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12917	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323442	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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Qualifiers: B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12917	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12917	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323442	
Analysis Date: 5/12/2021			

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

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12917	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12917	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323442	
Analysis Date: 5/12/2021			

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		89.1	69.51	130.49				
Surr: Toluene-d8	11		10		105	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10		105	69.51	130.49				

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12917	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12917	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323441	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	12.1	1	10	0	121	16.9	124				
Chloromethane	10.5	2	10	0	105	25.9	136				
Vinyl chloride	11.3	1	10	0	113	47.8	132				
Chloroethane	10.3	1	10	0	104	62.3	169				
Bromomethane	6.05	2	10	0	60.5	33.8	135				
Trichlorofluoromethane	8.96	1	10	0	89.6	16.8	155				
Acetone	202	10	200	0	101	72	124				
1,1-Dichloroethene	10.2	1	10	0	102	65.2	129				
Tertiary Butyl Alcohol (TBA)	111	10	100	0	110	52.9	128.4				
Dichloromethane	9.49	2	10	0	94.9	65.2	129				
Freon-113	10.1	1	10	0	101	52.4	143				
trans-1,2-Dichloroethene	12.2	1	10	0	122	66.7	132				
Methyl tert-butyl ether (MTBE)	11.1	0.5	10	0	111	52.9	125				
1,1-Dichloroethane	10.9	1	10	0	109	66.6	129				
2-Butanone (MEK)	239	10	200	0	120	63.7	120.4				
Di-isopropyl Ether (DIPE)	12	1	10	0	120	63.6	131				
cis-1,2-Dichloroethene	11.1	1	10	0	111	59.2	131				
Bromochloromethane	10.8	1	10	0	108	65.9	121				
Chloroform	10.5	1	10	0	105	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	10.9	1	10	0	109	44.6	136				
2,2-Dichloropropane	11	1	10	0	110	58.2	146				
1,2-Dichloroethane	10.1	1	10	0	101	73.4	120.4				
1,1,1-Trichloroethane	10.1	1	10	0	101	52.7	144				
1,1-Dichloropropene	11.2	1	10	0	112	85.6	131				
Carbon tetrachloride	10.3	1	10	0	103	30.9	175				
Benzene	11.1	0.5	10	0	111	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	10.9	1	10	0	109	52.4	141				
Dibromomethane	10.3	1	10	0	103	78.5	120.4				
1,2-Dichloropropane	10.3	1	10	0	103	79.5	126				
Trichloroethene	10.7	1	10	0	107	69	120.4				
Bromodichloromethane	10.3	1	10	0	103	73.9	122				
4-Methyl-2-pentanone (MIBK)	28.8	2.5	25	0	115	66.4	122				
cis-1,3-Dichloropropene	11.5	1	10	0	115	78.7	120.4				
trans-1,3-Dichloropropene	11.7	1	10	0	117	70.2	120.4				
1,1,2-Trichloroethane	11.4	1	10	0	114	76.2	120.4				
Toluene	10.6	0.5	10	0	106	79.7	126				
1,3-Dichloropropane	11	1	10	0	110	71.7	131				
2-Hexanone	115	5	100	0	115	52.9	152				
Dibromochloromethane	10.3	1	10	0	103	79.5	120.4				
1,2-Dibromoethane (EDB)	22	2	20	0	110	76.4	120.4				

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12917	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12917	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323441	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	10.4	1	10	0	104	64	123				
1,1,1,2-Tetrachloroethane	11	1	10	0	110	77.9	120.4				
Chlorobenzene	10.5	1	10	0	105	70.9	120.4				
Ethylbenzene	11.3	0.5	10	0	113	77.5	120.4				
m,p-Xylene	11.4	0.5	10	0	114	74.8	120.4				
Bromoform	10.5	1	10	0	105	51.3	120.4				
Xylenes, Total	22.4	0.5	20	0	112	77.6	120.4				
Styrene	10.7	1	10	0	107	71.9	120.4				
o-Xylene	11	0.5	10	0	110	79.1	120.4				
1,1,2,2-Tetrachloroethane	11	1	10	0	110	55.6	138				
1,2,3-Trichloropropane	20.9	2	20	0	104	73.4	120.4				
Isopropylbenzene	11.3	1	10	0	113	78.7	148				
Bromobenzene	10.3	1	10	0	103	79.5	121				
n-Propylbenzene	10.9	1	10	0	109	82.5	134				
4-Chlorotoluene	10.9	1	10	0	109	79.5	135				
2-Chlorotoluene	10.9	1	10	0	109	79.5	131				
1,3,5-Trimethylbenzene	11.3	1	10	0	114	79.5	135				
tert-Butylbenzene	11.6	1	10	0	116	79.5	139				
1,2,4-Trimethylbenzene	11.4	1	10	0	114	79.5	138				
sec-Butylbenzene	11	1	10	0	110	79.5	132				
1,3-Dichlorobenzene	10.7	1	10	0	107	79.5	125				
1,4-Dichlorobenzene	10.7	1	10	0	107	79.5	123				
4-Isopropyltoluene	11.4	1	10	0	114	79.5	130				
1,2-Dichlorobenzene	10.3	1	10	0	103	79.5	121				
n-Butylbenzene	11.7	1	10	0	117	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	49.9	3	50	0	99.7	72.1	136				
1,2,4-Trichlorobenzene	10.1	2	10	0	101	73.3	126				
Naphthalene	10.2	2	10	0	102	47.2	142				
1,2,3-Trichlorobenzene	9.35	2	10	0	93.5	67.4	130				
Surr: 1,2-Dichloroethane-d4	8.71		10		87.1	69.51	130.5				
Surr: Toluene-d8	10.2		10		102	69.51	130.5				
Surr: 4-Bromofluorobenzene	10.1		10		101	69.51	130.5				

Sample ID: 2105046-12AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-8MSD	Batch ID: A12917	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323578	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105046-12AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-8MSD	Batch ID: A12917	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323578	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	61.5	5	50	0	123	5.1	155	55.5	10	38	
Chloromethane	54.3	10	50	0	109	37.7	121	53.2	2.1	22.5	
Vinyl chloride	59.8	5	50	0	120	60.4	140	55.1	8.3	23.9	
Chloroethane	51	5	50	0	102	43.1	206	52.6	3.1	22.9	
Bromomethane	23.8	10	50	0	47.5	12.6	168	19.2	21	48	
Trichlorofluoromethane	46.1	5	50	0	92.1	58.6	163	41.5	10	33.3	
Acetone	978	50	1000	0	97.8	37.3	152	952	2.6	50	
1,1-Dichloroethene	51.6	5	50	0	103	69.8	158	48	7.3	21.7	
Tertiary Butyl Alcohol (TBA)	545	50	500	0	109	60.4	158	537	1.5	26.8	
Dichloromethane	46.8	10	50	0	93.5	71.7	132	45	3.9	20	
Freon-113	50.7	5	50	0	101	52.1	166	45.3	11	25.9	
trans-1,2-Dichloroethene	61	5	50	0	122	72	136	58.4	4.4	19.2	
Methyl tert-butyl ether (MTBE)	52	2.5	50	0	104	54.8	155	49.5	4.9	21.4	
1,1-Dichloroethane	53.6	5	50	0	107	76.9	140	50.4	6.1	18	
2-Butanone (MEK)	1120	50	1000	0	112	73.7	142	1090	2.9	20.9	
Di-isopropyl Ether (DIPE)	58.8	5	50	0	118	74.8	136	55.2	6.4	18.2	
cis-1,2-Dichloroethene	54.6	5	50	0	109	73.9	133	51.8	5.3	20.1	
Bromochloromethane	52.9	5	50	0	106	75.8	132	50.8	4	23.5	
Chloroform	51.8	5	50	0	104	74.3	130	49.6	4.3	18	
Ethyl Tertiary Butyl Ether (ETBE)	53.2	5	50	0	106	74.8	138	51.4	3.3	20.3	
2,2-Dichloropropane	47.1	5	50	0	94.1	53.9	146	45.8	2.8	52.3	
1,2-Dichloroethane	49.9	5	50	0	99.9	72.6	144	46.9	6.2	17.1	
1,1,1-Trichloroethane	49.9	5	50	0	99.7	70.2	138	47.8	4.3	22.2	
1,1-Dichloropropene	55	5	50	0	110	69.7	146	52.1	5.5	29.6	
Carbon tetrachloride	50.9	5	50	0	102	58.2	141	48	5.9	31.9	
Benzene	55.5	2.5	50	0	111	67.8	140	52.8	4.9	18.1	
Tertiary Amyl Methyl Ether (TAME)	53.1	5	50	0	106	72.3	144	51.8	2.5	20.6	
Dibromomethane	49.7	5	50	0	99.4	75.2	144	48.2	3.1	19.5	
1,2-Dichloropropane	50.2	5	50	0	100	75.3	144	49.4	1.7	19.7	
Trichloroethene	51.3	5	50	0	103	65.7	131	49.6	3.2	25.3	
Bromodichloromethane	50.9	5	50	0	102	70.2	141	49.7	2.4	20.5	
4-Methyl-2-pentanone (MIBK)	140	12.5	125	0	112	57.9	143	139	0.78	21.3	
cis-1,3-Dichloropropene	48.7	5	50	0	97.3	56.9	132	46.6	4.3	25.8	
trans-1,3-Dichloropropene	53.6	5	50	0	107	72	131	53.1	0.86	26.4	
1,1,2-Trichloroethane	54.6	5	50	0	109	74	130	55.8	2.2	21.9	
Toluene	51.7	2.5	50	0	103	67.2	131	49.4	4.5	18.3	
1,3-Dichloropropane	52	5	50	0	104	74.2	124	51.6	0.89	21.7	
2-Hexanone	555	25	500	0	111	66.7	135	571	2.7	20.9	
Dibromochloromethane	50.3	5	50	0	101	71.5	134	49.9	0.7	24.1	
1,2-Dibromoethane (EDB)	107	10	100	0	107	74.7	129	107	0.58	23.1	

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105046-12AMSD	SampType: MSD		TestCode: VOC_W	Units: µg/L							
Client ID: EB-8MSD	Batch ID: A12917		TestNo: SW8260C								
Prep Date: 5/12/2021	RunNo: 11534		SeqNo: 323578								
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	50.7	5	50	0	101	45.9	138	47.3	6.9	30.9	
1,1,1,2-Tetrachloroethane	52.6	5	50	0	105	75.7	125	51.2	2.7	22.6	
Chlorobenzene	51	5	50	0	102	73.7	120	49.9	2.3	23.1	
Ethylbenzene	54.3	2.5	50	0	109	70.3	122	52.7	3	25.3	
m,p-Xylene	54.8	2.5	50	0	110	52.9	136	53.5	2.5	26.6	
Bromoform	48.6	5	50	0	97.2	61.5	141	48.4	0.37	25	
Xylenes, Total	109	2.5	100	0	109	61	131	106	2.9	25.6	
Styrene	52	5	50	0	104	74	130	51.2	1.7	26	
o-Xylene	54	2.5	50	0	108	67.3	129	52.2	3.4	25	
1,1,2,2-Tetrachloroethane	54.1	5	50	0	108	62.4	153	54	0.24	24.6	
1,2,3-Trichloropropane	101	10	100	0	101	37.4	171	98.3	3.1	50	
Isopropylbenzene	54.5	5	50	0	109	63	132	52.7	3.4	33.1	
Bromobenzene	50	5	50	0	100	65.1	120	49.1	1.8	23.6	
n-Propylbenzene	52.3	5	50	0	105	58.2	128	50.2	4	32.4	
4-Chlorotoluene	52.8	5	50	0	106	63.9	127	49.9	5.7	29.1	
2-Chlorotoluene	52.9	5	50	0	106	63.2	126	50.7	4.3	28.9	
1,3,5-Trimethylbenzene	54	5	50	0	108	63.8	138	51.6	4.5	31.9	
tert-Butylbenzene	55	5	50	0	110	59.7	128	52.4	4.8	36.2	
1,2,4-Trimethylbenzene	54	5	50	0	108	65.1	135	52.2	3.5	28.8	
sec-Butylbenzene	52.3	5	50	0	105	55.5	128	49.7	5.1	40.9	
1,3-Dichlorobenzene	51.3	5	50	0	103	64.5	122	48.5	5.8	28.6	
1,4-Dichlorobenzene	51.2	5	50	0	102	63.7	121	49	4.5	27.7	
4-Isopropyltoluene	54.8	5	50	0	110	58	135	51.4	6.4	40.4	
1,2-Dichlorobenzene	49.5	5	50	0	99.0	66.7	122	47.5	4	24.5	
n-Butylbenzene	54.7	5	50	0	109	52.7	139	51.6	5.8	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	240	15	250	0	96.1	59.1	143	242	0.8	24.9	
1,2,4-Trichlorobenzene	48.7	10	50	0	97.3	47.1	139	46.6	4.4	35	
Naphthalene	50.7	10	50	0	101	31.6	164	49.5	2.6	50	
1,2,3-Trichlorobenzene	44.7	10	50	0	89.5	17.7	171	43.4	3.1	57	
Surr: 1,2-Dichloroethane-d4	44.8		50		89.6	69.51	130.49	43.7	0	0	
Surr: Toluene-d8	49.6		50		99.3	69.51	130.49	50.7	0	0	
Surr: 4-Bromofluorobenzene	50.4		50		101	69.51	130.49	49.5	0	0	

Sample ID: 2105046-12AMS	SampType: MS		TestCode: VOC_W	Units: µg/L							
Client ID: EB-8MS	Batch ID: A12917		TestNo: SW8260C								
Prep Date: 5/12/2021	RunNo: 11534		SeqNo: 323577								
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105046-12AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-8MS	Batch ID: A12917	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323577	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	55.5	5	50	0	111	5.1	155				
Chloromethane	53.2	10	50	0	106	37.7	121				
Vinyl chloride	55.1	5	50	0	110	60.4	140				
Chloroethane	52.6	5	50	0	105	43.1	206				
Bromomethane	19.2	10	50	0	38.3	12.6	168				
Trichlorofluoromethane	41.5	5	50	0	83.1	58.6	163				
Acetone	952	50	1000	0	95.2	37.3	152				
1,1-Dichloroethene	48	5	50	0	95.9	69.8	158				
Tertiary Butyl Alcohol (TBA)	537	50	500	0	107	60.4	158				
Dichloromethane	45	10	50	0	89.9	71.7	132				
Freon-113	45.3	5	50	0	90.6	52.1	166				
trans-1,2-Dichloroethene	58.4	5	50	0	117	72	136				
Methyl tert-butyl ether (MTBE)	49.5	2.5	50	0	99.0	54.8	155				
1,1-Dichloroethane	50.4	5	50	0	101	76.9	140				
2-Butanone (MEK)	1090	50	1000	0	109	73.7	142				
Di-isopropyl Ether (DIPE)	55.2	5	50	0	110	74.8	136				
cis-1,2-Dichloroethene	51.8	5	50	0	104	73.9	133				
Bromochloromethane	50.8	5	50	0	102	75.8	132				
Chloroform	49.6	5	50	0	99.2	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	51.4	5	50	0	103	74.8	138				
2,2-Dichloropropane	45.8	5	50	0	91.5	53.9	146				
1,2-Dichloroethane	46.9	5	50	0	93.8	72.6	144				
1,1,1-Trichloroethane	47.8	5	50	0	95.5	70.2	138				
1,1-Dichloropropene	52.1	5	50	0	104	69.7	146				
Carbon tetrachloride	48	5	50	0	95.9	58.2	141				
Benzene	52.8	2.5	50	0	106	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	51.8	5	50	0	104	72.3	144				
Dibromomethane	48.2	5	50	0	96.4	75.2	144				
1,2-Dichloropropane	49.4	5	50	0	98.8	75.3	144				
Trichloroethene	49.6	5	50	0	99.3	65.7	131				
Bromodichloromethane	49.7	5	50	0	99.5	70.2	141				
4-Methyl-2-pentanone (MIBK)	139	12.5	125	0	111	57.9	143				
cis-1,3-Dichloropropene	46.6	5	50	0	93.2	56.9	132				
trans-1,3-Dichloropropene	53.1	5	50	0	106	72	131				
1,1,2-Trichloroethane	55.8	5	50	0	112	74	130				
Toluene	49.4	2.5	50	0	98.8	67.2	131				
1,3-Dichloropropane	51.6	5	50	0	103	74.2	124				
2-Hexanone	571	25	500	0	114	66.7	135				
Dibromochloromethane	49.9	5	50	0	99.8	71.5	134				
1,2-Dibromoethane (EDB)	107	10	100	0	107	74.7	129				

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



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QC SUMMARY REPORT

WO#: 2105046

02-Jun-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105046-12AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-8MS	Batch ID: A12917	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11534	SeqNo: 323577	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	47.3	5	50	0	94.6	45.9	138				
1,1,1,2-Tetrachloroethane	51.2	5	50	0	102	75.7	125				
Chlorobenzene	49.9	5	50	0	99.7	73.7	120				
Ethylbenzene	52.7	2.5	50	0	105	70.3	122				
m,p-Xylene	53.5	2.5	50	0	107	52.9	136				
Bromoform	48.4	5	50	0	96.9	61.5	141				
Xylenes, Total	106	2.5	100	0	106	61	131				
Styrene	51.2	5	50	0	102	74	130				
o-Xylene	52.2	2.5	50	0	104	67.3	129				
1,1,2,2-Tetrachloroethane	54	5	50	0	108	62.4	153				
1,2,3-Trichloropropane	98.3	10	100	0	98.2	37.4	171				
Isopropylbenzene	52.7	5	50	0	105	63	132				
Bromobenzene	49.1	5	50	0	98.3	65.1	120				
n-Propylbenzene	50.2	5	50	0	100	58.2	128				
4-Chlorotoluene	49.9	5	50	0	99.7	63.9	127				
2-Chlorotoluene	50.7	5	50	0	101	63.2	126				
1,3,5-Trimethylbenzene	51.6	5	50	0	103	63.8	138				
tert-Butylbenzene	52.4	5	50	0	105	59.7	128				
1,2,4-Trimethylbenzene	52.2	5	50	0	104	65.1	135				
sec-Butylbenzene	49.7	5	50	0	99.4	55.5	128				
1,3-Dichlorobenzene	48.5	5	50	0	96.9	64.5	122				
1,4-Dichlorobenzene	49	5	50	0	98.0	63.7	121				
4-Isopropyltoluene	51.4	5	50	0	103	58	135				
1,2-Dichlorobenzene	47.5	5	50	0	95.1	66.7	122				
n-Butylbenzene	51.6	5	50	0	103	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	242	15	250	0	96.9	59.1	143				
1,2,4-Trichlorobenzene	46.6	10	50	0	93.1	47.1	139				
Naphthalene	49.5	10	50	0	98.9	31.6	164				
1,2,3-Trichlorobenzene	43.4	10	50	0	86.8	17.7	171				
Surr: 1,2-Dichloroethane-d4	43.7		50		87.3	69.51	130.49				
Surr: Toluene-d8	50.7		50		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	49.5		50		98.9	69.51	130.49				

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



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Definition Only

WO#: 2105046
Date: 5/17/2021

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.

AMENDED

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

WORKORDER SUMMARY

Alpha Analytical, Inc.

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

CA

WorkOrder: CHH2105046
Report Due By: 18-May-21
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: 07-May-21

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					
CHH2105046-01	EXP-1	AQ	5/6/2021	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-02	GMW-O-19	AQ	5/6/2021 7:40:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-03	GMW-O-16	AQ	5/6/2021 8:30:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-04	GMW-36	AQ	5/6/2021 9:28:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-05	MW-SF-4	AQ	5/6/2021 10:13:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-06	MW-SF-1	AQ	5/6/2021 11:01:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-07	MW-SF-15	AQ	5/6/2021 11:49:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-08	MW-18(MID)	AQ	5/6/2021 12:47:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-09	GMW-10	AQ	5/6/2021 1:27:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-10	DUP-7	AQ	5/6/2021	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 6/2/21 to change sample ID for sample 10, per Malcolm via email. HT

Signature	Print Name	Company	Date/Time
 Logged in by:	Haylee Tilton	Alpha Analytical, Inc.	6/2/21 8:45

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests						Sample Remarks	
				Alpha	Sub	TAT	TPHE_W	TPH/P_W	VOC_W					
CHH2105046-11	MW-SF-6	AQ	5/6/2021 2:16:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-12	EB-8	AQ	5/6/2021 2:28:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-13	GMW-8	AQ	5/6/2021 7:52:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-14	MW-19(MID)	AQ	5/6/2021 8:35:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-15	PW-3	AQ	5/6/2021 9:08:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-16	GMW-26	AQ	5/6/2021 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					
CHH2105046-17	GMW-28	AQ	5/6/2021 10:26:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-18	HL-2	AQ	5/6/2021 11:10:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-19	MW-12	AQ	5/6/2021 12:02:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-20	GMW-9	AQ	5/6/2021 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					
CHH2105046-21	MW-SF-13	AQ	5/6/2021 1:53:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-22	EXP-2	AQ	5/6/2021 11:40:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-23	EB-7	AQ	5/6/2021 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					
CHH2105046-24	TB-3	AQ	5/6/2021 7:00:00 AM	2	0	7			A - Partial					SAC TB 3/23/21

Comments: Run two analyses in order to achieve lower reporting limits for all other analytes due to high TBA values. Amended 6/2/21 to change sample ID for sample 10, per Malcolm via email. HT

Signature	Print Name	Company	Date/Time
Logged in by: 	Haylee Tilton	Alpha Analytical, Inc.	6/2/21 8:45

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.

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

WORKORDER SUMMARY

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

CA

WorkOrder: CHH2105046
 Report Due By: 18-May-21
 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: 07-May-21

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					
CHH2105046-01	EXP-1	AQ	5/6/2021	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-02	GMW-O-19	AQ	5/6/2021 7:40:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-03	GMW-O-16	AQ	5/6/2021 8:30:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-04	GMW-36	AQ	5/6/2021 9:28:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-05	MW-SF-4	AQ	5/6/2021 10:13:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-06	MW-SF-1	AQ	5/6/2021 11:01:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-07	MW-SF-15	AQ	5/6/2021 11:49:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-08	MW-18(MID)	AQ	5/6/2021 12:47:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-09	GMW-10	AQ	5/6/2021 1:27:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-10	DUP-1	AQ	5/6/2021	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					

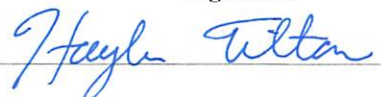
Comments: Run two analyses in order to achieve lower reporting limits for all other analytes due to high TBA values.

Signature	Print Name	Company	Date/Time
Logged in by: 	Haylee Tilton	Alpha Analytical, Inc.	5/7/21 10:03

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests						Sample Remarks	
				Alpha	Sub	TAT	TPH/E_W	TPH/P_W	VOC_W					
CHH2105046-11	MW-SF-6	AQ	5/6/2021 2:16:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-12	EB-8	AQ	5/6/2021 2:28:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-13	GMW-8	AQ	5/6/2021 7:52:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-14	MW-19(MID)	AQ	5/6/2021 8:35:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-15	PW-3	AQ	5/6/2021 9:08:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-16	GMW-26	AQ	5/6/2021 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					
CHH2105046-17	GMW-28	AQ	5/6/2021 10:26:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-18	HL-2	AQ	5/6/2021 11:10:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-19	MW-12	AQ	5/6/2021 12:02:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-20	GMW-9	AQ	5/6/2021 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					
CHH2105046-21	MW-SF-13	AQ	5/6/2021 1:53:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-22	EXP-2	AQ	5/6/2021 11:40:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105046-23	EB-7	AQ	5/6/2021 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					
CHH2105046-24	TB-3	AQ	5/6/2021 7:00:00 AM	2	0	7			A - Partial					SAC TB 3/23/21

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

Signature	Print Name	Company	Date/Time
Logged in by: 	Haylee Tilton	Alpha Analytical, Inc.	5/7/21 10:83

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 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												
EXP-1	5.6.21	—	AQ	6	HCL	VOCs	X	X										CHH2105046-01
Gmw-0-19		0740					X	X										-02
Gmw-0-10		0830					X	X										-03
Gmw-0-30		0928					X	X										-04
MW-SF-4		1013					X	X										-05
MW-SF-1		1101					X	X										-06
MW-SF-15		1149					X	X										-07
MW-18 (mid)		1247					X	X										-08
Gmw-10		1327					X	X										-09
Dup-1		—					X	X										-10

SAMPLING COMPLETED: DATE 5.6.21 TIME 1500
 SAMPLING PERFORMED BY: Kevin Thompson
 RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: [Signature] TIME: 600 RECEIVED BY: FEDEX 7736 5681 2455 DATE: 5/6/21 TIME: 1600

RELEASED BY: [Signature] TIME: [Blank] RECEIVED BY: Haylen Tillon DATE: 5/7/21 TIME: 9:34

RELEASED BY: [Blank] TIME: [Blank] RECEIVED BY: [Blank] DATE: [Blank] TIME: [Blank]

SHIPPED VIA: [Blank] TIME SENT: [Blank] COOLER #: [Blank] Page 76 of 79

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

TPHg, TPHd (EPA 8015M)
 VOC's & Oxygenates (EPA 8260B)

CHAIN OF CUSTODY


CLIENT: **Kinder Morgan**

SITE: **DFSP Norwalk**

15306 Norwalk Blvd, Norwalk

SAMPLE I.D.	DATE	TIME	MATRIX AQ= Water	CONTAINERS			TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
				#	Preservation	Type												
GMW-8	5-6-21	0752	AQ	6	HCL	VOA	X	X										CH#2105046-13
MW-19 (MID)	5-6-21	0835	AQ	6	HCL	VOA	X	X										-14
PW-3	5-6-21	0908	AQ	6	HCL	VOA	X	X										-15
GMW-26	5-6-21	0949	AQ	6	HCL	VOA	X	X										-16
GMW-28	5-6-21	1026	AQ	6	HCL	VOA	X	X										-17
HL-2	5-6-21	1110	AQ	6	HCL	VOA	X	X										-18
MW-12	5-6-21	1202	AQ	6	HCL	VOA	X	X										-19
GMW-9	5-6-21	1257	AQ	6	HCL	VOA	X	X										-20
MW-SF13	5-6-21	1353	AQ	6	HCL	VOA	X	X										-21
EXP-2	5-6-21	1140	AQ	6	HCL	VOA	X	X										-22

SAMPLING COMPLETED: DATE 5-6-21 TIME 1420 SAMPLING PERFORMED BY Josh Alessi RESULTS NEEDED NO LATER THAN Standard

RELEASED BY  TIME 1600 RECEIVED BY FEDEX DATE 5/6/21 TIME 1600

RELEASED BY  TIME 1600 RECEIVED BY Stephan Wilton DATE 5/7/21 TIME 9:34

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

SHIPPED VIA _____ TIME SENT _____ COOLER # _____ Page 78 of 79

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 4 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												
EB-7	5-6-21	1420	AQ	6	HCL	VOA	X	X										CH#2105046-23
TB-3	5-6-21	0700	AQ	2	HCL	VOA		X										-24

SAMPLING COMPLETED DATE 5-6-21 TIME 01420 SAMPLING PERFORMED BY *Josh Messer* RESULTS NEEDED NO LATER THAN Standard

RELEASED BY *[Signature]* TIME 1600 RECEIVED BY **FEDEX** DATE 5/6/21 TIME 1600

RELEASED BY *[Signature]* TIME RECEIVED BY *Hayden Tilton* DATE 5/7/21 TIME 9:34

RELEASED BY TIME RECEIVED BY DATE TIME

SHIPPED VIA TIME SENT COOLER # Page 79 of 79



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

May 17, 2021

Eric Davis
CH2M Hill
1000 Wilshire Boulevard
Los Angeles, CA 90017
TEL: (213) 228-8271
FAX: (714) 424-2135

RE: DFSP Norwalk

Order No.: CHH2105047

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 cursive script 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#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 8:35:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-01 **Matrix:** AQUEOUS
Client Sample ID: MW-15R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.053	0.050		mg/L	5/12/2021	TPH-E by EPA 8015C
Surr: Nonane	101	63-125		%Rec	5/12/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	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#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill

Collection Date: 5/5/2021 8:35:00 AM

Project: DFSP Norwalk

Lab ID: 2105047-01

Matrix: AQUEOUS

Client Sample ID: MW-15R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 9:20:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-02 **Matrix:** AQUEOUS
Client Sample ID: GMW-4R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/12/2021	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	5/12/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill

Collection Date: 5/5/2021 9:20:00 AM

Project: DFSP Norwalk

Lab ID: 2105047-02

Matrix: AQUEOUS

Client Sample ID: GMW-4R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 10:03:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-03 **Matrix:** AQUEOUS
Client Sample ID: MW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/12/2021	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	5/12/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 10:03:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-03 **Matrix:** AQUEOUS
Client Sample ID: MW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-04 **Matrix:** AQUEOUS

Client Sample ID: DUP-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/12/2021	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	5/12/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260

CLIENT: CH2M Hill

Collection Date: 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-04

Matrix: AQUEOUS

Client Sample ID: DUP-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 10:51:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-05 **Matrix:** AQUEOUS
Client Sample ID: GWR-1R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	101	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 10:51:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-05 **Matrix:** AQUEOUS
Client Sample ID: GWR-1R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-06 **Matrix:** AQUEOUS

Client Sample ID: DUP-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/12/2021	TPH-E by EPA 8015C
Surr: Nonane	88	63-125		%Rec	5/12/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-06 **Matrix:** AQUEOUS

Client Sample ID: DUP-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: **CHH2105047**

Report Date: **5/17/2021**

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 11:43:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-07 **Matrix:** AQUEOUS
Client Sample ID: PZ-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.62	0.050		mg/L	5/12/2021	TPH-E by EPA 8015C
Surr: Nonane	95	63-125		%Rec	5/12/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	1.5	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill

Collection Date: 5/5/2021 11:43:00 AM

Project: DFSP Norwalk

Lab ID: 2105047-07

Matrix: AQUEOUS

Client Sample ID: PZ-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-08 **Matrix:** AQUEOUS

Client Sample ID: DUP-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.68	0.050		mg/L	5/12/2021	TPH-E by EPA 8015C
Surr: Nonane	90	63-125		%Rec	5/12/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	1.6	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill

Collection Date: 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-08

Matrix: AQUEOUS

Client Sample ID: DUP-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 12:40:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-09 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-24

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/12/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/12/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	107	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2105047-09
Client Sample ID: GMW-O-24

Collection Date: 5/5/2021 12:40:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 1:38:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-10 **Matrix:** AQUEOUS
Client Sample ID: PZ-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.30	0.050		mg/L	5/12/2021	TPH-E by EPA 8015C
Surr: Nonane	85	63-125		%Rec	5/12/2021	TPH-E by EPA 8015C
TPH-P (GRO)	0.27	0.10		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	107	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	20		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	9,000	200	*	µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	270	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	0.53	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 1:38:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-10 **Matrix:** AQUEOUS
Client Sample ID: PZ-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	6.8	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	11	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	4.0	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	1.5	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	1.8	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/11/2021	VOCs by EPA 8260

NOTES:

*This compound was analyzed separately to be within its calibration, while achieving the lowest possible reporting limits for the other compounds.



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-11 **Matrix:** AQUEOUS

Client Sample ID: DUP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.35	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	84	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	0.29	0.10		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	20		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	11,000	200	*	µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	250	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260

CLIENT: CH2M Hill

Collection Date: 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-11

Matrix: AQUEOUS

Client Sample ID: DUP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	5.2	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	8.7	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	3.4	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	1.4	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	1.8	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260

NOTES:

*This compound was analyzed separately to be within its calibration, while achieving the lowest possible reporting limits for the other compounds.

Reporting Limits were increased due to sample foaming.



Alpha Analytical, Inc.
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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 2:26:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-12 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-18

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	2.7	0.050	K	mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	3.6	0.40		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	16		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	16		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	80		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	520	40		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	16		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	20		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	6.6	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	400		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	80		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	20		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	40		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 2:26:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-12 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-18

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	16		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	59	2.0		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	2.0	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	4.6	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	2.6	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	16		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	8.5	4.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	30	4.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	490	4.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	7.3	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	4.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	5.6	4.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	24		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	16		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	79	16		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	16		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	5/11/2021	VOCs by EPA 8260

NOTES:

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



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 2:55:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-13 **Matrix:** AQUEOUS
Client Sample ID: EB-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	106	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 2:55:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-13 **Matrix:** AQUEOUS
Client Sample ID: EB-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-14 **Matrix:** AQUEOUS
Client Sample ID: TB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-14 **Matrix:** AQUEOUS
Client Sample ID: TB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	85	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	108	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 2:29:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-15 **Matrix:** AQUEOUS
Client Sample ID: GMW-25

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	1.1	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	94	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.57	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 2:29:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-15 **Matrix:** AQUEOUS
Client Sample ID: GMW-25

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 2:50:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-16 **Matrix:** AQUEOUS
Client Sample ID: EB-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	98	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	89	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 2:50:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-16 **Matrix:** AQUEOUS
Client Sample ID: EB-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	89	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 1:20:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-17 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	1.0	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	87	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	0.73	0.20		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	40		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	55	20		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	2.0	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	200		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	40		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	50	2.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	220	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	3.2	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	20		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 1:20:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-17 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	2.7	1.0		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	5.3	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	5.3	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	16	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	31	2.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	4.0	2.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	15	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/11/2021	VOCs by EPA 8260

NOTES:
 Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-18 **Matrix:** AQUEOUS

Client Sample ID: DUP-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.98	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	1.0	0.20		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	86	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	40		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	65	20		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	2.4	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	200		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	40		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	58	2.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	290	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	4.2	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	20		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260

CLIENT: CH2M Hill

Collection Date: 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-18

Matrix: AQUEOUS

Client Sample ID: DUP-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	3.4	1.0		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	6.9	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	6.9	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	22	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	43	2.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	5.4	2.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	2.7	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	20	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	86	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260

NOTES:

Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 12:20:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-19 **Matrix:** AQUEOUS
Client Sample ID: MW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	4.5	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	87	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	12	4.0		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	160		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	160		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	800		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	400		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	160		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	200		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	32	20		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	4,000		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	800		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	4,100	20		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	200		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	400		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260

CLIENT: CH2M Hill

Collection Date: 5/5/2021 12:20:00 PM

Project: DFSP Norwalk

Lab ID: 2105047-19

Matrix: AQUEOUS

Client Sample ID: MW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	160		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	44	20		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	20		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	160		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	240		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	160		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	ND	160		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	160		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	5/12/2021	VOCs by EPA 8260

NOTES:

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



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 11:21:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-20 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-21

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	1.7	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	88	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	4.1	1.0		mg/L	5/12/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/12/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Chloromethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl chloride	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Chloroethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Bromomethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Acetone	ND	200		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	100		µg/L	5/12/2021	VOCs by EPA 8260
Dichloromethane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon disulfide	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Vinyl acetate	ND	1,000		µg/L	5/12/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	200		µg/L	5/12/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Bromochloromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Chloroform	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Benzene	1,100	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Dibromomethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Trichloroethene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Bromodichloromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	50		µg/L	5/12/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Toluene	10	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
2-Hexanone	ND	100		µg/L	5/12/2021	VOCs by EPA 8260
Dibromochloromethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260

CLIENT: CH2M Hill

Collection Date: 5/5/2021 11:21:00 AM

Project: DFSP Norwalk

Lab ID: 2105047-20

Matrix: AQUEOUS

Client Sample ID: GMW-O-21

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Tetrachloroethene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Chlorobenzene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Ethylbenzene	8.2	5.0		µg/L	5/12/2021	VOCs by EPA 8260
m,p-Xylene	20	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Bromoform	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
Xylenes, Total	20	5.0		µg/L	5/12/2021	VOCs by EPA 8260
Styrene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
o-Xylene	ND	5.0		µg/L	5/12/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Isopropylbenzene	12	10		µg/L	5/12/2021	VOCs by EPA 8260
Bromobenzene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
n-Propylbenzene	37	10		µg/L	5/12/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	13	10		µg/L	5/12/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
n-Butylbenzene	ND	10		µg/L	5/12/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	60		µg/L	5/12/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Naphthalene	74	40		µg/L	5/12/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	40		µg/L	5/12/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/12/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	5/12/2021	VOCs by EPA 8260

NOTES:

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



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 10:37:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-21 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-10

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2105047-21
Client Sample ID: GMW-O-10

Collection Date: 5/5/2021 10:37:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 10:07:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-22 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 10:07:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-22 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 9:32:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-23 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill

Collection Date: 5/5/2021 9:32:00 AM

Project: DFSP Norwalk

Lab ID: 2105047-23

Matrix: AQUEOUS

Client Sample ID: GMW-O-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 8:44:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-24 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	92	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill

Collection Date: 5/5/2021 8:44:00 AM

Project: DFSP Norwalk

Lab ID: 2105047-24

Matrix: AQUEOUS

Client Sample ID: GMW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 11:31:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-25 **Matrix:** AQUEOUS
Client Sample ID: HL-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill

Collection Date: 5/5/2021 11:31:00 AM

Project: DFSP Norwalk

Lab ID: 2105047-25

Matrix: AQUEOUS

Client Sample ID: HL-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 12:15:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-26 **Matrix:** AQUEOUS
Client Sample ID: MW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.053	0.050	C	mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	0.76	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill

Collection Date: 5/5/2021 12:15:00 PM

Project: DFSP Norwalk

Lab ID: 2105047-26

Matrix: AQUEOUS

Client Sample ID: MW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 2:22:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-27 **Matrix:** AQUEOUS
Client Sample ID: MW-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	88	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill

Collection Date: 5/5/2021 2:22:00 PM

Project: DFSP Norwalk

Lab ID: 2105047-27

Matrix: AQUEOUS

Client Sample ID: MW-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 1:00:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-28 **Matrix:** AQUEOUS
Client Sample ID: MW-20(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	5.7	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	1.7	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	2.0	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 1:00:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-28 **Matrix:** AQUEOUS
Client Sample ID: MW-20(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 10:49:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-29 **Matrix:** AQUEOUS
Client Sample ID: MW-21(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.099	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	84	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.97	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	1.6	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 10:49:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-29 **Matrix:** AQUEOUS
Client Sample ID: MW-21(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-30 **Matrix:** AQUEOUS

Client Sample ID: DUP-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.10	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	94	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	1.0	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	1.9	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill

Collection Date: 5/5/2021

Project: DFSP Norwalk

Lab ID: 2105047-30

Matrix: AQUEOUS

Client Sample ID: DUP-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 10:00:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-31 **Matrix:** AQUEOUS
Client Sample ID: WCW-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	95	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	1.6	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	2.7	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	6.4	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 10:00:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-31 **Matrix:** AQUEOUS
Client Sample ID: WCW-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 9:00:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-32 **Matrix:** AQUEOUS
Client Sample ID: WCW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 9:00:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-32 **Matrix:** AQUEOUS
Client Sample ID: WCW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 8:25:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-33 **Matrix:** AQUEOUS
Client Sample ID: WCW-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/13/2021	TPH-E by EPA 8015C
Surr: Nonane	86	63-125		%Rec	5/13/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 8:25:00 AM
Project: DFSP Norwalk
Lab ID: 2105047-33 **Matrix:** AQUEOUS
Client Sample ID: WCW-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 2:50:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-34 **Matrix:** AQUEOUS
Client Sample ID: EB-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	5/14/2021	TPH-E by EPA 8015C
Surr: Nonane	105	63-125		%Rec	5/14/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	5/11/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/11/2021	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Acetone	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Freon-113	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	5/11/2021	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260



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Analytical Report

WO#: CHH2105047

Report Date: 5/17/2021

CLIENT: CH2M Hill **Collection Date:** 5/5/2021 2:50:00 PM
Project: DFSP Norwalk
Lab ID: 2105047-34 **Matrix:** AQUEOUS
Client Sample ID: EB-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	5/11/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	5/11/2021	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	5/11/2021	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	5/11/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	5/11/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5/11/2021	VOCs by EPA 8260



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-12915	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 12915	TestNo: SW8015	SW8015
Prep Date: 5/12/2021	RunNo: 11531	SeqNo: 323376	
Analysis Date: 5/12/2021			

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		102	63	125				

Sample ID: LCS-12915	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 12915	TestNo: SW8015	SW8015
Prep Date: 5/12/2021	RunNo: 11531	SeqNo: 323377	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.77	0.05	2.5	0	111	89.6	123				
Surr: Nonane	0.151		0.15		101	60	129				

Sample ID: 2105047-13AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-5MSD	Batch ID: 12915	TestNo: SW8015	SW8015
Prep Date: 5/12/2021	RunNo: 11531	SeqNo: 323390	
Analysis Date: 5/13/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.91	0.1	2.5	0	116	79	140	2.88	0.73	8	
Surr: Nonane	0.292		0.3		97.3	68.8	128	0.279	0	0	

Sample ID: 2105047-13AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-5MS	Batch ID: 12915	TestNo: SW8015	SW8015
Prep Date: 5/12/2021	RunNo: 11531	SeqNo: 323389	
Analysis Date: 5/13/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.88	0.1	2.5	0	115	79	140				
Surr: Nonane	0.279		0.3		93.0	68.8	128				

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



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-12916	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 12916	TestNo: SW8015	SW8015
Prep Date: 5/12/2021	RunNo: 11531	SeqNo: 323611	
Analysis Date: 5/13/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	ND	0.05									
Surr: Nonane	0.16		0.15		104	63	125				

Sample ID: LCS-12916	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 12916	TestNo: SW8015	SW8015
Prep Date: 5/12/2021	RunNo: 11531	SeqNo: 323612	
Analysis Date: 5/13/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.82	0.05	2.5	0	113	89.6	123				
Surr: Nonane	0.15		0.15		100	60	129				

Sample ID: 2105047-34AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-6MSD	Batch ID: 12916	TestNo: SW8015	SW8015
Prep Date: 5/12/2021	RunNo: 11531	SeqNo: 323624	
Analysis Date: 5/13/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	3.22	0.1	2.5	0	129	79	140	3.18	1.2	8	
Surr: Nonane	0.295		0.3		98.3	68.8	128	0.284	0	0	

Sample ID: 2105047-34AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-6MS	Batch ID: 12916	TestNo: SW8015	SW8015
Prep Date: 5/12/2021	RunNo: 11531	SeqNo: 323623	
Analysis Date: 5/13/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	3.18	0.1	2.5	0	127	79	140				
Surr: Nonane	0.284		0.3		94.7	68.8	128				

Qualifiers: B Analyte detected in the associated Method Blank
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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-12609	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A12906B	TestNo: SW8015									
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323128									
Analysis Date: 5/11/2021											
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	0.0092		0.01		91.5	69.51	130.49				
Surr: Toluene-d8	0.01		0.01		105	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		102	69.51	130.49				

Sample ID: GLCS-12906	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A12906B	TestNo: SW8015									
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323127									
Analysis Date: 5/11/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.405	0.05	0.4	0	101	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.00925		0.01		92.5	69.51	130.49				
Surr: Toluene-d8	0.0101		0.01		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0105		0.01		105	69.51	130.49				

Sample ID: 2105047-13AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-5	Batch ID: A12906B	TestNo: SW8015									
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323147									
Analysis Date: 5/11/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.83	0.25	2	0	91.4	60	125	1.95	6.6	28	
Surr: 1,2-Dichloroethane-d4	0.0435		0.05		87.1	69.51	130.49	0.0442	0	0	
Surr: Toluene-d8	0.0513		0.05		103	69.51	130.49	0.0506	0	0	
Surr: 4-Bromofluorobenzene	0.0529		0.05		106	69.51	130.49	0.0523	0	0	

Sample ID: 2105047-13AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-5	Batch ID: A12906B	TestNo: SW8015									
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323146									
Analysis Date: 5/11/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.95	0.25	2	0	97.7	60	125				
Surr: 1,2-Dichloroethane-d4	0.0442		0.05		88.4	69.51	130.49				
Surr: Toluene-d8	0.0506		0.05		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0523		0.05		105	69.51	130.49				

Qualifiers: B Analyte detected in the associated Method Blank
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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2105047-13AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-5	Batch ID: A12906B	TestNo: SW8015									
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323146									
Analysis Date: 5/11/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: MB-12908	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A12908B	TestNo: SW8015									
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323346									
Analysis Date: 5/11/2021											
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	0.009		0.01		89.5	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-12908	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A12908B	TestNo: SW8015									
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323345									
Analysis Date: 5/11/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.4	0.05	0.4	0	99.9	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.00884		0.01		88.4	69.51	130.49				
Surr: Toluene-d8	0.0101		0.01		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0105		0.01		105	69.51	130.49				

Sample ID: 2105047-34AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-6	Batch ID: A12908B	TestNo: SW8015									
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323367									
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.93	0.25	2	0	96.7	60	125	1.83	5.3	28	
Surr: 1,2-Dichloroethane-d4	0.0483		0.05		96.6	69.51	130.49	0.0459	0	0	
Surr: Toluene-d8	0.0501		0.05		100	69.51	130.49	0.0496	0	0	
Surr: 4-Bromofluorobenzene	0.0499		0.05		99.9	69.51	130.49	0.0512	0	0	

Qualifiers:
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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2105047-34AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L
Client ID: EB-6	Batch ID: A12908B	TestNo: SW8015	
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323366	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.83	0.25	2	0	91.7	60	125				
Surr: 1,2-Dichloroethane-d4	0.0459		0.05		91.7	69.51	130.49				
Surr: Toluene-d8	0.0496		0.05		99.2	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0512		0.05		102	69.51	130.49				

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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12609	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12906	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323124	
Analysis Date: 5/11/2021			

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#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12609	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12906	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323124	
Analysis Date: 5/11/2021			

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	9.2		10		91.5	69.51	130.49				
Surr: Toluene-d8	10		10		105	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10		102	69.51	130.49				

Qualifiers: B Analyte detected in the associated Method Blank
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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12906	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12906	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323123	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	12.2	1	10	0	122	16.9	124				
Chloromethane	9.99	2	10	0	99.9	25.9	136				
Vinyl chloride	10.6	1	10	0	106	47.8	132				
Chloroethane	9.64	1	10	0	96.4	62.3	169				
Bromomethane	5.5	2	10	0	55.0	33.8	135				
Trichlorofluoromethane	8.46	1	10	0	84.6	16.8	155				
Acetone	194	10	200	0	96.8	72	124				
1,1-Dichloroethene	9.29	1	10	0	92.9	65.2	129				
Tertiary Butyl Alcohol (TBA)	106	10	100	0	106	52.9	128.4				
Dichloromethane	8.83	2	10	0	88.3	65.2	129				
Freon-113	9.37	1	10	0	93.7	52.4	143				
trans-1,2-Dichloroethene	11.1	1	10	0	111	66.7	132				
Methyl tert-butyl ether (MTBE)	10.8	0.5	10	0	108	52.9	125				
1,1-Dichloroethane	9.79	1	10	0	97.9	66.6	129				
2-Butanone (MEK)	225	10	200	0	113	63.7	120.4				
Di-isopropyl Ether (DIPE)	10.6	1	10	0	106	63.6	131				
cis-1,2-Dichloroethene	9.8	1	10	0	98.0	59.2	131				
Bromochloromethane	10.1	1	10	0	101	65.9	121				
Chloroform	9.37	1	10	0	93.7	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	9.88	1	10	0	98.8	44.6	136				
2,2-Dichloropropane	9.69	1	10	0	96.9	58.2	146				
1,2-Dichloroethane	9.53	1	10	0	95.3	73.4	120.4				
1,1,1-Trichloroethane	9.06	1	10	0	90.6	52.7	144				
1,1-Dichloropropene	9.83	1	10	0	98.3	85.6	131				
Carbon tetrachloride	9.21	1	10	0	92.1	30.9	175				
Benzene	9.83	0.5	10	0	98.3	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	9.97	1	10	0	99.7	52.4	141				
Dibromomethane	9.42	1	10	0	94.2	78.5	120.4				
1,2-Dichloropropane	9.53	1	10	0	95.3	79.5	126				
Trichloroethene	9.49	1	10	0	94.9	69	120.4				
Bromodichloromethane	9.62	1	10	0	96.2	73.9	122				
4-Methyl-2-pentanone (MIBK)	27	2.5	25	0	108	66.4	122				
cis-1,3-Dichloropropene	10.4	1	10	0	104	78.7	120.4				
trans-1,3-Dichloropropene	10.5	1	10	0	105	70.2	120.4				
1,1,2-Trichloroethane	10.5	1	10	0	105	76.2	120.4				
Toluene	9.45	0.5	10	0	94.5	79.7	126				
1,3-Dichloropropane	9.92	1	10	0	99.2	71.7	131				
2-Hexanone	107	5	100	0	107	52.9	152				
Dibromochloromethane	9.58	1	10	0	95.8	79.5	120.4				
1,2-Dibromoethane (EDB)	20.1	2	20	0	101	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#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12906	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12906	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323123	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	9.22	1	10	0	92.2	64	123				
1,1,1,2-Tetrachloroethane	9.79	1	10	0	97.9	77.9	120.4				
Chlorobenzene	9.28	1	10	0	92.8	70.9	120.4				
Ethylbenzene	9.79	0.5	10	0	97.9	77.5	120.4				
m,p-Xylene	9.82	0.5	10	0	98.2	74.8	120.4				
Bromoform	9.74	1	10	0	97.4	51.3	120.4				
Xylenes, Total	19.5	0.5	20	0	97.4	77.6	120.4				
Styrene	9.54	1	10	0	95.4	71.9	120.4				
o-Xylene	9.66	0.5	10	0	96.6	79.1	120.4				
1,1,2,2-Tetrachloroethane	9.96	1	10	0	99.6	55.6	138				
1,2,3-Trichloropropane	19.5	2	20	0	97.5	73.4	120.4				
Isopropylbenzene	9.86	1	10	0	98.6	78.7	148				
Bromobenzene	9.26	1	10	0	92.6	79.5	121				
n-Propylbenzene	9.26	1	10	0	92.6	82.5	134				
4-Chlorotoluene	9.34	1	10	0	93.4	79.5	135				
2-Chlorotoluene	9.4	1	10	0	94.0	79.5	131				
1,3,5-Trimethylbenzene	9.62	1	10	0	96.2	79.5	135				
tert-Butylbenzene	9.78	1	10	0	97.8	79.5	139				
1,2,4-Trimethylbenzene	9.77	1	10	0	97.7	79.5	138				
sec-Butylbenzene	9.32	1	10	0	93.2	79.5	132				
1,3-Dichlorobenzene	9.17	1	10	0	91.7	79.5	125				
1,4-Dichlorobenzene	9.22	1	10	0	92.2	79.5	123				
4-Isopropyltoluene	9.82	1	10	0	98.2	79.5	130				
1,2-Dichlorobenzene	9.02	1	10	0	90.2	79.5	121				
n-Butylbenzene	9.91	1	10	0	99.1	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	46.3	3	50	0	92.6	72.1	136				
1,2,4-Trichlorobenzene	8.82	2	10	0	88.2	73.3	126				
Naphthalene	9.02	2	10	0	90.2	47.2	142				
1,2,3-Trichlorobenzene	8.19	2	10	0	81.9	67.4	130				
Surr: 1,2-Dichloroethane-d4	9.5		10		95.0	69.51	130.5				
Surr: Toluene-d8	10.1		10		101	69.51	130.5				
Surr: 4-Bromofluorobenzene	9.93		10		99.3	69.51	130.5				

Sample ID: 2105047-13AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MSD	Batch ID: A12906	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323122	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-13AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MSD	Batch ID: A12906	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323122	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	63.1	5	50	0	126	5.1	155	55.4	13	38	
Chloromethane	47	10	50	0	94.0	37.7	121	52.2	10	22.5	
Vinyl chloride	57.5	5	50	0	115	60.4	140	55.9	2.8	23.9	
Chloroethane	48.7	5	50	0	97.5	43.1	206	48.1	1.4	22.9	
Bromomethane	28	10	50	0	56.0	12.6	168	22.7	21	48	
Trichlorofluoromethane	46.9	5	50	0	93.9	58.6	163	43.8	6.9	33.3	
Acetone	954	50	1000	0	95.4	37.3	152	940	1.5	50	
1,1-Dichloroethene	51.1	5	50	0	102	69.8	158	48.9	4.3	21.7	
Tertiary Butyl Alcohol (TBA)	523	50	500	0	105	60.4	158	533	1.9	26.8	
Dichloromethane	46.6	10	50	0	93.1	71.7	132	46.6	0.043	20	
Freon-113	49.3	5	50	0	98.7	52.1	166	42.3	15	25.9	
trans-1,2-Dichloroethene	60.3	5	50	0	121	72	136	59.6	1.2	19.2	
Methyl tert-butyl ether (MTBE)	49.9	2.5	50	0	99.8	54.8	155	50.9	2	21.4	
1,1-Dichloroethane	51.9	5	50	0	104	76.9	140	51.1	1.6	18	
2-Butanone (MEK)	1120	50	1000	0	112	73.7	142	1110	0.75	20.9	
Di-isopropyl Ether (DIPE)	55.9	5	50	0	112	74.8	136	55.1	1.4	18.2	
cis-1,2-Dichloroethene	54	5	50	0	108	73.9	133	52.9	2	20.1	
Bromochloromethane	53	5	50	0	106	75.8	132	52.5	0.97	23.5	
Chloroform	51.2	5	50	0	102	74.3	130	50.7	1	18	
Ethyl Tertiary Butyl Ether (ETBE)	51.9	5	50	0	104	74.8	138	51.5	0.77	20.3	
2,2-Dichloropropane	43.7	5	50	0	87.3	53.9	146	42.8	1.9	52.3	
1,2-Dichloroethane	50.5	5	50	0	101	72.6	144	50.1	0.75	17.1	
1,1,1-Trichloroethane	50	5	50	0	100	70.2	138	49.6	0.74	22.2	
1,1-Dichloropropene	54.6	5	50	0	109	69.7	146	53.3	2.6	29.6	
Carbon tetrachloride	51.3	5	50	0	103	58.2	141	50.2	2	31.9	
Benzene	53.9	2.5	50	0	108	67.8	140	54.8	1.6	18.1	
Tertiary Amyl Methyl Ether (TAME)	52.9	5	50	0	106	72.3	144	52.5	0.61	20.6	
Dibromomethane	49.7	5	50	0	99.4	75.2	144	50.5	1.5	19.5	
1,2-Dichloropropane	49.6	5	50	0	99.3	75.3	144	51	2.7	19.7	
Trichloroethene	51.6	5	50	0	103	65.7	131	50	3.1	25.3	
Bromodichloromethane	51.4	5	50	0	103	70.2	141	51.7	0.52	20.5	
4-Methyl-2-pentanone (MIBK)	137	12.5	125	0	110	57.9	143	137	0.1	21.3	
cis-1,3-Dichloropropene	47.7	5	50	0	95.4	56.9	132	47.1	1.1	25.8	
trans-1,3-Dichloropropene	52.1	5	50	0	104	72	131	51.6	0.95	26.4	
1,1,2-Trichloroethane	54.2	5	50	0	108	74	130	54	0.37	21.9	
Toluene	50.8	2.5	50	0	102	67.2	131	51.2	0.84	18.3	
1,3-Dichloropropane	51.9	5	50	0	104	74.2	124	52.7	1.6	21.7	
2-Hexanone	529	25	500	0	106	66.7	135	544	2.7	20.9	
Dibromochloromethane	50.5	5	50	0	101	71.5	134	50.1	0.8	24.1	
1,2-Dibromoethane (EDB)	106	10	100	0	106	74.7	129	106	0.34	23.1	

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



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-13AMSD	SampType: MSD		TestCode: VOC_W	Units: µg/L							
Client ID: EB-5MSD	Batch ID: A12906		TestNo: SW8260C								
Prep Date: 5/11/2021	RunNo: 11523		SeqNo: 323122								
Analysis Date: 5/11/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	50.5	5	50	0	101	45.9	138	49.7	1.7	30.9	
1,1,1,2-Tetrachloroethane	52.2	5	50	0	104	75.7	125	52.3	0.31	22.6	
Chlorobenzene	49.9	5	50	0	99.8	73.7	120	50.7	1.7	23.1	
Ethylbenzene	53	2.5	50	0	106	70.3	122	53.3	0.51	25.3	
m,p-Xylene	54.7	2.5	50	0	109	52.9	136	54	1.2	26.6	
Bromoform	50	5	50	0	99.9	61.5	141	49.7	0.6	25	
Xylenes, Total	107	2.5	100	0	107	61	131	107	0.075	25.6	
Styrene	51.8	5	50	0	104	74	130	51.8	0	26	
o-Xylene	52.5	2.5	50	0	105	67.3	129	53	1.1	25	
1,1,2,2-Tetrachloroethane	52.6	5	50	0	105	62.4	153	53.3	1.3	24.6	
1,2,3-Trichloropropane	100	10	100	0	100	37.4	171	101	0.93	50	
Isopropylbenzene	54.1	5	50	0	108	63	132	54.1	0.074	33.1	
Bromobenzene	49.6	5	50	0	99.2	65.1	120	50.1	1.1	23.6	
n-Propylbenzene	50.8	5	50	0	102	58.2	128	51.6	1.5	32.4	
4-Chlorotoluene	51.4	5	50	0	103	63.9	127	52.1	1.3	29.1	
2-Chlorotoluene	52.5	5	50	0	105	63.2	126	52.8	0.59	28.9	
1,3,5-Trimethylbenzene	52.7	5	50	0	105	63.8	138	54.1	2.5	31.9	
tert-Butylbenzene	54	5	50	0	108	59.7	128	55	1.8	36.2	
1,2,4-Trimethylbenzene	54	5	50	0	108	65.1	135	55	1.7	28.8	
sec-Butylbenzene	51.7	5	50	0	103	55.5	128	52	0.52	40.9	
1,3-Dichlorobenzene	50.3	5	50	0	101	64.5	122	51.1	1.5	28.6	
1,4-Dichlorobenzene	50.7	5	50	0	101	63.7	121	51.7	2	27.7	
4-Isopropyltoluene	54.1	5	50	0	108	58	135	54.4	0.52	40.4	
1,2-Dichlorobenzene	48.7	5	50	0	97.4	66.7	122	49.4	1.5	24.5	
n-Butylbenzene	54.7	5	50	0	109	52.7	139	54.1	0.94	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	242	15	250	0	96.7	59.1	143	245	1.1	24.9	
1,2,4-Trichlorobenzene	48.2	10	50	0	96.4	47.1	139	48	0.48	35	
Naphthalene	49	10	50	0	98.1	31.6	164	49.2	0.41	50	
1,2,3-Trichlorobenzene	44.2	10	50	0	88.4	17.7	171	44.9	1.6	57	
Surr: 1,2-Dichloroethane-d4	45.8		50		91.6	69.51	130.49	44.2	0	0	
Surr: Toluene-d8	49		50		98.0	69.51	130.49	49.1	0	0	
Surr: 4-Bromofluorobenzene	49.8		50		99.6	69.51	130.49	49.5	0	0	

Sample ID: 2105047-13AMS	SampType: MS		TestCode: VOC_W	Units: µg/L							
Client ID: EB-5MS	Batch ID: A12906		TestNo: SW8260C								
Prep Date: 5/11/2021	RunNo: 11523		SeqNo: 323121								
Analysis Date: 5/11/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-13AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MS	Batch ID: A12906	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323121	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	55.4	5	50	0	111	5.1	155				
Chloromethane	52.2	10	50	0	104	37.7	121				
Vinyl chloride	55.9	5	50	0	112	60.4	140				
Chloroethane	48.1	5	50	0	96.2	43.1	206				
Bromomethane	22.7	10	50	0	45.4	12.6	168				
Trichlorofluoromethane	43.8	5	50	0	87.6	58.6	163				
Acetone	940	50	1000	0	94.0	37.3	152				
1,1-Dichloroethene	48.9	5	50	0	97.8	69.8	158				
Tertiary Butyl Alcohol (TBA)	533	50	500	0	107	60.4	158				
Dichloromethane	46.6	10	50	0	93.2	71.7	132				
Freon-113	42.3	5	50	0	84.7	52.1	166				
trans-1,2-Dichloroethene	59.6	5	50	0	119	72	136				
Methyl tert-butyl ether (MTBE)	50.9	2.5	50	0	102	54.8	155				
1,1-Dichloroethane	51.1	5	50	0	102	76.9	140				
2-Butanone (MEK)	1110	50	1000	0	111	73.7	142				
Di-isopropyl Ether (DIPE)	55.1	5	50	0	110	74.8	136				
cis-1,2-Dichloroethene	52.9	5	50	0	106	73.9	133				
Bromochloromethane	52.5	5	50	0	105	75.8	132				
Chloroform	50.7	5	50	0	101	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	51.5	5	50	0	103	74.8	138				
2,2-Dichloropropane	42.8	5	50	0	85.7	53.9	146				
1,2-Dichloroethane	50.1	5	50	0	100	72.6	144				
1,1,1-Trichloroethane	49.6	5	50	0	99.3	70.2	138				
1,1-Dichloropropene	53.3	5	50	0	106	69.7	146				
Carbon tetrachloride	50.2	5	50	0	100	58.2	141				
Benzene	54.8	2.5	50	0	110	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	52.5	5	50	0	105	72.3	144				
Dibromomethane	50.5	5	50	0	101	75.2	144				
1,2-Dichloropropane	51	5	50	0	102	75.3	144				
Trichloroethene	50	5	50	0	100	65.7	131				
Bromodichloromethane	51.7	5	50	0	103	70.2	141				
4-Methyl-2-pentanone (MIBK)	137	12.5	125	0	110	57.9	143				
cis-1,3-Dichloropropene	47.1	5	50	0	94.3	56.9	132				
trans-1,3-Dichloropropene	51.6	5	50	0	103	72	131				
1,1,2-Trichloroethane	54	5	50	0	108	74	130				
Toluene	51.2	2.5	50	0	102	67.2	131				
1,3-Dichloropropane	52.7	5	50	0	105	74.2	124				
2-Hexanone	544	25	500	0	109	66.7	135				
Dibromochloromethane	50.1	5	50	0	100	71.5	134				
1,2-Dibromoethane (EDB)	106	10	100	0	106	74.7	129				

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



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-13AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MS	Batch ID: A12906	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11523	SeqNo: 323121	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	49.7	5	50	0	99.4	45.9	138				
1,1,1,2-Tetrachloroethane	52.3	5	50	0	105	75.7	125				
Chlorobenzene	50.7	5	50	0	101	73.7	120				
Ethylbenzene	53.3	2.5	50	0	107	70.3	122				
m,p-Xylene	54	2.5	50	0	108	52.9	136				
Bromoform	49.7	5	50	0	99.3	61.5	141				
Xylenes, Total	107	2.5	100	0	107	61	131				
Styrene	51.8	5	50	0	104	74	130				
o-Xylene	53	2.5	50	0	106	67.3	129				
1,1,2,2-Tetrachloroethane	53.3	5	50	0	107	62.4	153				
1,2,3-Trichloropropane	101	10	100	0	101	37.4	171				
Isopropylbenzene	54.1	5	50	0	108	63	132				
Bromobenzene	50.1	5	50	0	100	65.1	120				
n-Propylbenzene	51.6	5	50	0	103	58.2	128				
4-Chlorotoluene	52.1	5	50	0	104	63.9	127				
2-Chlorotoluene	52.8	5	50	0	106	63.2	126				
1,3,5-Trimethylbenzene	54.1	5	50	0	108	63.8	138				
tert-Butylbenzene	55	5	50	0	110	59.7	128				
1,2,4-Trimethylbenzene	55	5	50	0	110	65.1	135				
sec-Butylbenzene	52	5	50	0	104	55.5	128				
1,3-Dichlorobenzene	51.1	5	50	0	102	64.5	122				
1,4-Dichlorobenzene	51.7	5	50	0	103	63.7	121				
4-Isopropyltoluene	54.4	5	50	0	109	58	135				
1,2-Dichlorobenzene	49.4	5	50	0	98.9	66.7	122				
n-Butylbenzene	54.1	5	50	0	108	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	245	15	250	0	97.8	59.1	143				
1,2,4-Trichlorobenzene	48	10	50	0	95.9	47.1	139				
Naphthalene	49.2	10	50	0	98.5	31.6	164				
1,2,3-Trichlorobenzene	44.9	10	50	0	89.9	17.7	171				
Surr: 1,2-Dichloroethane-d4	44.2		50		88.4	69.51	130.49				
Surr: Toluene-d8	49.1		50		98.1	69.51	130.49				
Surr: 4-Bromofluorobenzene	49.5		50		98.9	69.51	130.49				

Sample ID: MB-12908	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323342	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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Qualifiers: B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12908	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323342	
Analysis Date: 5/11/2021			

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 limits



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-12908	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323342	
Analysis Date: 5/11/2021			

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		10		89.5	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:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12908	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323341	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	10.3	1	10	0	103	16.9	124				
Chloromethane	9.51	2	10	0	95.1	25.9	136				
Vinyl chloride	9.13	1	10	0	91.3	47.8	132				
Chloroethane	6.65	1	10	0	66.5	62.3	169				
Bromomethane	10.3	2	10	0	103	33.8	135				
Trichlorofluoromethane	9.11	1	10	0	91.1	16.8	155				
Acetone	170	10	200	0	85.2	72	124				
1,1-Dichloroethene	9.44	1	10	0	94.4	65.2	129				
Tertiary Butyl Alcohol (TBA)	99.7	10	100	0	99.7	52.9	128.4				
Dichloromethane	8.94	2	10	0	89.4	65.2	129				
Freon-113	9.7	1	10	0	97.0	52.4	143				
trans-1,2-Dichloroethene	9.51	1	10	0	95.1	66.7	132				
Methyl tert-butyl ether (MTBE)	10	0.5	10	0	100	52.9	125				
1,1-Dichloroethane	8.84	1	10	0	88.4	66.6	129				
2-Butanone (MEK)	202	10	200	0	101	63.7	120.4				
Di-isopropyl Ether (DIPE)	9.25	1	10	0	92.5	63.6	131				
cis-1,2-Dichloroethene	9.1	1	10	0	91.0	59.2	131				
Bromochloromethane	9.67	1	10	0	96.7	65.9	121				
Chloroform	9.25	1	10	0	92.5	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	9.83	1	10	0	98.3	44.6	136				
2,2-Dichloropropane	10.9	1	10	0	109	58.2	146				
1,2-Dichloroethane	9.03	1	10	0	90.3	73.4	120.4				
1,1,1-Trichloroethane	9.7	1	10	0	97.0	52.7	144				
1,1-Dichloropropene	9.55	1	10	0	95.5	85.6	131				
Carbon tetrachloride	10.4	1	10	0	104	30.9	175				
Benzene	8.97	0.5	10	0	89.7	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	8.42	1	10	0	84.2	52.4	141				
Dibromomethane	9.73	1	10	0	97.3	78.5	120.4				
1,2-Dichloropropane	9.06	1	10	0	90.6	79.5	126				
Trichloroethene	8.66	1	10	0	86.6	69	120.4				
Bromodichloromethane	9.17	1	10	0	91.7	73.9	122				
4-Methyl-2-pentanone (MIBK)	23.3	2.5	25	0	93.0	66.4	122				
cis-1,3-Dichloropropene	10.1	1	10	0	101	78.7	120.4				
trans-1,3-Dichloropropene	10.3	1	10	0	103	70.2	120.4				
1,1,2-Trichloroethane	9.21	1	10	0	92.1	76.2	120.4				
Toluene	8.51	0.5	10	0	85.1	79.7	126				
1,3-Dichloropropane	8.87	1	10	0	88.7	71.7	131				
2-Hexanone	98.2	5	100	0	98.2	52.9	152				
Dibromochloromethane	9.88	1	10	0	98.8	79.5	120.4				
1,2-Dibromoethane (EDB)	19.1	2	20	0	95.6	76.4	120.4				

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



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-12908	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/11/2021	RunNo: 11530	SeqNo: 323341	
Analysis Date: 5/11/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	9.16	1	10	0	91.6	64	123				
1,1,1,2-Tetrachloroethane	9.57	1	10	0	95.7	77.9	120.4				
Chlorobenzene	9.05	1	10	0	90.5	70.9	120.4				
Ethylbenzene	9.23	0.5	10	0	92.3	77.5	120.4				
m,p-Xylene	9.31	0.5	10	0	93.1	74.8	120.4				
Bromoform	9.62	1	10	0	96.2	51.3	120.4				
Xylenes, Total	18.8	0.5	20	0	94.2	77.6	120.4				
Styrene	9.41	1	10	0	94.1	71.9	120.4				
o-Xylene	9.52	0.5	10	0	95.2	79.1	120.4				
1,1,2,2-Tetrachloroethane	11	1	10	0	110	55.6	138				
1,2,3-Trichloropropane	18.3	2	20	0	91.7	73.4	120.4				
Isopropylbenzene	9.64	1	10	0	96.4	78.7	148				
Bromobenzene	9.25	1	10	0	92.5	79.5	121				
n-Propylbenzene	9.71	1	10	0	97.1	82.5	134				
4-Chlorotoluene	9.43	1	10	0	94.3	79.5	135				
2-Chlorotoluene	9.34	1	10	0	93.4	79.5	131				
1,3,5-Trimethylbenzene	9.93	1	10	0	99.3	79.5	135				
tert-Butylbenzene	9.9	1	10	0	99.0	79.5	139				
1,2,4-Trimethylbenzene	9.99	1	10	0	99.9	79.5	138				
sec-Butylbenzene	9.51	1	10	0	95.1	79.5	132				
1,3-Dichlorobenzene	9.39	1	10	0	93.9	79.5	125				
1,4-Dichlorobenzene	9.45	1	10	0	94.5	79.5	123				
4-Isopropyltoluene	10	1	10	0	100	79.5	130				
1,2-Dichlorobenzene	8.98	1	10	0	89.8	79.5	121				
n-Butylbenzene	10.1	1	10	0	101	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	54.6	3	50	0	109	72.1	136				
1,2,4-Trichlorobenzene	10.8	2	10	0	108	73.3	126				
Naphthalene	11	2	10	0	110	47.2	142				
1,2,3-Trichlorobenzene	10.3	2	10	0	103	67.4	130				
Surr: 1,2-Dichloroethane-d4	9.01		10		90.1	69.51	130.5				
Surr: Toluene-d8	10		10		100	69.51	130.5				
Surr: 4-Bromofluorobenzene	10.6		10		106	69.51	130.5				

Sample ID: 2105047-34AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-6MSD	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323340	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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Qualifiers: B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-34AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-6MSD	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323340	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	39.8	5	50	0	79.7	5.1	155	47.8	18	38	
Chloromethane	36	10	50	0	72.0	37.7	121	37.7	4.6	22.5	
Vinyl chloride	41.4	5	50	0	82.8	60.4	140	44.9	8.1	23.9	
Chloroethane	30.5	5	50	0	61.0	43.1	206	31.3	2.6	22.9	
Bromomethane	33.2	10	50	0	66.4	12.6	168	33.9	2.1	48	
Trichlorofluoromethane	43.8	5	50	0	87.7	58.6	163	47	7	33.3	
Acetone	823	50	1000	0	82.3	37.3	152	859	4.3	50	
1,1-Dichloroethene	45.7	5	50	0	91.4	69.8	158	47.3	3.4	21.7	
Tertiary Butyl Alcohol (TBA)	434	50	500	0	86.8	60.4	158	456	4.9	26.8	
Dichloromethane	43.1	10	50	0	86.2	71.7	132	45.4	5.3	20	
Freon-113	39.5	5	50	0	78.9	52.1	166	45.1	13	25.9	
trans-1,2-Dichloroethene	44	5	50	0	88.0	72	136	45.8	4.1	19.2	
Methyl tert-butyl ether (MTBE)	48.6	2.5	50	0	97.1	54.8	155	49.3	1.6	21.4	
1,1-Dichloroethane	43.3	5	50	0	86.6	76.9	140	45.4	4.7	18	
2-Butanone (MEK)	938	50	1000	0	93.8	73.7	142	995	5.9	20.9	
Di-isopropyl Ether (DIPE)	45.5	5	50	0	91.1	74.8	136	46.3	1.8	18.2	
cis-1,2-Dichloroethene	45	5	50	0	90.0	73.9	133	45.9	1.8	20.1	
Bromochloromethane	45.9	5	50	0	91.8	75.8	132	48.1	4.6	23.5	
Chloroform	45.6	5	50	0	91.2	74.3	130	48.3	5.8	18	
Ethyl Tertiary Butyl Ether (ETBE)	47	5	50	0	94.0	74.8	138	48.3	2.8	20.3	
2,2-Dichloropropane	17.5	5	50	0	35.1	53.9	146	18.1	3.1	52.3	S
1,2-Dichloroethane	45.7	5	50	0	91.4	72.6	144	47.4	3.7	17.1	
1,1,1-Trichloroethane	48.4	5	50	0	96.8	70.2	138	49.2	1.7	22.2	
1,1-Dichloropropene	45.8	5	50	0	91.6	69.7	146	47.9	4.5	29.6	
Carbon tetrachloride	49.6	5	50	0	99.2	58.2	141	51.9	4.5	31.9	
Benzene	43.6	2.5	50	0	87.1	67.8	140	46.2	5.9	18.1	
Tertiary Amyl Methyl Ether (TAME)	45.5	5	50	0	91.0	72.3	144	46.3	1.6	20.6	
Dibromomethane	46.2	5	50	0	92.4	75.2	144	48.3	4.4	19.5	
1,2-Dichloropropane	43.9	5	50	0	87.7	75.3	144	46.1	4.9	19.7	
Trichloroethene	41.1	5	50	0	82.2	65.7	131	42.6	3.7	25.3	
Bromodichloromethane	45.9	5	50	0	91.7	70.2	141	47.2	2.8	20.5	
4-Methyl-2-pentanone (MIBK)	113	12.5	125	0	90.3	57.9	143	119	4.9	21.3	
cis-1,3-Dichloropropene	39.2	5	50	0	78.3	56.9	132	41	4.6	25.8	
trans-1,3-Dichloropropene	40.5	5	50	0	81.0	72	131	42.1	3.9	26.4	
1,1,2-Trichloroethane	46.6	5	50	0	93.3	74	130	47.4	1.6	21.9	
Toluene	40.8	2.5	50	0	81.7	67.2	131	43.1	5.5	18.3	
1,3-Dichloropropane	41.5	5	50	0	83.0	74.2	124	43.6	5	21.7	
2-Hexanone	475	25	500	0	95.0	66.7	135	506	6.4	20.9	
Dibromochloromethane	46.2	5	50	0	92.5	71.5	134	47.9	3.6	24.1	
1,2-Dibromoethane (EDB)	92.2	10	100	0	92.2	74.7	129	98.3	6.3	23.1	

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



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-34AMSD	SampType: MSD		TestCode: VOC_W		Units: µg/L						
Client ID: EB-6MSD	Batch ID: A12908		TestNo: SW8260C								
Prep Date: 5/12/2021	RunNo: 11530		SeqNo: 323340								
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	41.3	5	50	0	82.5	45.9	138	45.1	8.8	30.9	
1,1,1,2-Tetrachloroethane	45.5	5	50	0	91.0	75.7	125	48.8	7	22.6	
Chlorobenzene	43.3	5	50	0	86.6	73.7	120	46	6	23.1	
Ethylbenzene	43.4	2.5	50	0	86.8	70.3	122	46.7	7.3	25.3	
m,p-Xylene	42.7	2.5	50	0	85.4	52.9	136	45.8	7.1	26.6	
Bromoform	44.2	5	50	0	88.4	61.5	141	47.1	6.4	25	
Xylenes, Total	86.6	2.5	100	0	86.6	61	131	92.9	7	25.6	
Styrene	44.1	5	50	0	88.3	74	130	46.2	4.4	26	
o-Xylene	43.9	2.5	50	0	87.9	67.3	129	47.1	6.9	25	
1,1,2,2-Tetrachloroethane	52.8	5	50	0	106	62.4	153	56.3	6.4	24.6	
1,2,3-Trichloropropane	85.3	10	100	0	85.3	37.4	171	93.1	8.8	50	
Isopropylbenzene	44.9	5	50	0	89.7	63	132	46.4	3.3	33.1	
Bromobenzene	42.6	5	50	0	85.2	65.1	120	44.7	4.9	23.6	
n-Propylbenzene	44.7	5	50	0	89.4	58.2	128	45.8	2.5	32.4	
4-Chlorotoluene	43.4	5	50	0	86.9	63.9	127	45.7	5.1	29.1	
2-Chlorotoluene	43.8	5	50	0	87.6	63.2	126	45.1	3	28.9	
1,3,5-Trimethylbenzene	46.8	5	50	0	93.7	63.8	138	49.4	5.3	31.9	
tert-Butylbenzene	46.5	5	50	0	92.9	59.7	128	47.6	2.5	36.2	
1,2,4-Trimethylbenzene	47.2	5	50	0	94.3	65.1	135	49.1	3.9	28.8	
sec-Butylbenzene	43.2	5	50	0	86.4	55.5	128	45.7	5.7	40.9	
1,3-Dichlorobenzene	42.9	5	50	0	85.8	64.5	122	45.1	5.1	28.6	
1,4-Dichlorobenzene	43.9	5	50	0	87.8	63.7	121	45.9	4.5	27.7	
4-Isopropyltoluene	44.8	5	50	0	89.6	58	135	46.9	4.6	40.4	
1,2-Dichlorobenzene	42.2	5	50	0	84.5	66.7	122	43.9	3.8	24.5	
n-Butylbenzene	44	5	50	0	88.1	52.7	139	46	4.3	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	265	15	250	0	106	59.1	143	275	3.7	24.9	
1,2,4-Trichlorobenzene	46.5	10	50	0	92.9	47.1	139	48.5	4.2	35	
Naphthalene	49.7	10	50	0	99.3	31.6	164	50.1	0.8	50	
1,2,3-Trichlorobenzene	47.4	10	50	0	94.9	17.7	171	48.8	2.8	57	
Surr: 1,2-Dichloroethane-d4	48.3		50		96.7	69.51	130.49	48.9	0	0	
Surr: Toluene-d8	48.7		50		97.3	69.51	130.49	49	0	0	
Surr: 4-Bromofluorobenzene	51.6		50		103	69.51	130.49	51.3	0	0	

Sample ID: 2105047-34AMS	SampType: MS		TestCode: VOC_W		Units: µg/L						
Client ID: EB-6MS	Batch ID: A12908		TestNo: SW8260C								
Prep Date: 5/12/2021	RunNo: 11530		SeqNo: 323339								
Analysis Date: 5/12/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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



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QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-34AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-6MS	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323339	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	47.8	5	50	0	95.7	5.1	155				
Chloromethane	37.7	10	50	0	75.4	37.7	121				
Vinyl chloride	44.9	5	50	0	89.7	60.4	140				
Chloroethane	31.3	5	50	0	62.7	43.1	206				
Bromomethane	33.9	10	50	0	67.8	12.6	168				
Trichlorofluoromethane	47	5	50	0	94.1	58.6	163				
Acetone	859	50	1000	0	85.9	37.3	152				
1,1-Dichloroethene	47.3	5	50	0	94.6	69.8	158				
Tertiary Butyl Alcohol (TBA)	456	50	500	0	91.2	60.4	158				
Dichloromethane	45.4	10	50	0	90.8	71.7	132				
Freon-113	45.1	5	50	0	90.2	52.1	166				
trans-1,2-Dichloroethene	45.8	5	50	0	91.7	72	136				
Methyl tert-butyl ether (MTBE)	49.3	2.5	50	0	98.7	54.8	155				
1,1-Dichloroethane	45.4	5	50	0	90.8	76.9	140				
2-Butanone (MEK)	995	50	1000	0	99.5	73.7	142				
Di-isopropyl Ether (DIPE)	46.3	5	50	0	92.7	74.8	136				
cis-1,2-Dichloroethene	45.9	5	50	0	91.7	73.9	133				
Bromochloromethane	48.1	5	50	0	96.1	75.8	132				
Chloroform	48.3	5	50	0	96.6	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	48.3	5	50	0	96.7	74.8	138				
2,2-Dichloropropane	18.1	5	50	0	36.2	53.9	146				S
1,2-Dichloroethane	47.4	5	50	0	94.9	72.6	144				
1,1,1-Trichloroethane	49.2	5	50	0	98.4	70.2	138				
1,1-Dichloropropene	47.9	5	50	0	95.8	69.7	146				
Carbon tetrachloride	51.9	5	50	0	104	58.2	141				
Benzene	46.2	2.5	50	0	92.4	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	46.3	5	50	0	92.5	72.3	144				
Dibromomethane	48.3	5	50	0	96.6	75.2	144				
1,2-Dichloropropane	46.1	5	50	0	92.1	75.3	144				
Trichloroethene	42.6	5	50	0	85.2	65.7	131				
Bromodichloromethane	47.2	5	50	0	94.4	70.2	141				
4-Methyl-2-pentanone (MIBK)	119	12.5	125	0	94.8	57.9	143				
cis-1,3-Dichloropropene	41	5	50	0	82.0	56.9	132				
trans-1,3-Dichloropropene	42.1	5	50	0	84.2	72	131				
1,1,2-Trichloroethane	47.4	5	50	0	94.8	74	130				
Toluene	43.1	2.5	50	0	86.2	67.2	131				
1,3-Dichloropropane	43.6	5	50	0	87.3	74.2	124				
2-Hexanone	506	25	500	0	101	66.7	135				
Dibromochloromethane	47.9	5	50	0	95.8	71.5	134				
1,2-Dibromoethane (EDB)	98.3	10	100	0	98.3	74.7	129				

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



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

QC SUMMARY REPORT

WO#: 2105047

17-May-21

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2105047-34AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-6MS	Batch ID: A12908	TestNo: SW8260C	
Prep Date: 5/12/2021	RunNo: 11530	SeqNo: 323339	
Analysis Date: 5/12/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	45.1	5	50	0	90.1	45.9	138				
1,1,1,2-Tetrachloroethane	48.8	5	50	0	97.6	75.7	125				
Chlorobenzene	46	5	50	0	91.9	73.7	120				
Ethylbenzene	46.7	2.5	50	0	93.4	70.3	122				
m,p-Xylene	45.8	2.5	50	0	91.7	52.9	136				
Bromoform	47.1	5	50	0	94.2	61.5	141				
Xylenes, Total	92.9	2.5	100	0	92.9	61	131				
Styrene	46.2	5	50	0	92.3	74	130				
o-Xylene	47.1	2.5	50	0	94.1	67.3	129				
1,1,2,2-Tetrachloroethane	56.3	5	50	0	113	62.4	153				
1,2,3-Trichloropropane	93.1	10	100	0	93.2	37.4	171				
Isopropylbenzene	46.4	5	50	0	92.7	63	132				
Bromobenzene	44.7	5	50	0	89.5	65.1	120				
n-Propylbenzene	45.8	5	50	0	91.6	58.2	128				
4-Chlorotoluene	45.7	5	50	0	91.4	63.9	127				
2-Chlorotoluene	45.1	5	50	0	90.2	63.2	126				
1,3,5-Trimethylbenzene	49.4	5	50	0	98.7	63.8	138				
tert-Butylbenzene	47.6	5	50	0	95.3	59.7	128				
1,2,4-Trimethylbenzene	49.1	5	50	0	98.1	65.1	135				
sec-Butylbenzene	45.7	5	50	0	91.4	55.5	128				
1,3-Dichlorobenzene	45.1	5	50	0	90.2	64.5	122				
1,4-Dichlorobenzene	45.9	5	50	0	91.9	63.7	121				
4-Isopropyltoluene	46.9	5	50	0	93.8	58	135				
1,2-Dichlorobenzene	43.9	5	50	0	87.8	66.7	122				
n-Butylbenzene	46	5	50	0	91.9	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	275	15	250	0	110	59.1	143				
1,2,4-Trichlorobenzene	48.5	10	50	0	96.9	47.1	139				
Naphthalene	50.1	10	50	0	100	31.6	164				
1,2,3-Trichlorobenzene	48.8	10	50	0	97.6	17.7	171				
Surr: 1,2-Dichloroethane-d4	48.9		50		97.8	69.51	130.49				
Surr: Toluene-d8	49		50		98.0	69.51	130.49				
Surr: 4-Bromofluorobenzene	51.3		50		103	69.51	130.49				

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



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

Definition Only

WO#: 2105047
Date: 5/17/2021

Definitions:

ND = Not Detected

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

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

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

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

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

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

O = Reporting Limits were increased due to sample foaming.

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

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

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

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

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

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

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

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

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

WORKORDER SUMMARY

Alpha Analytical, Inc.

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

CA

WorkOrder: CHH2105047
 Report Due By: 18-May-21
 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: 07-May-21

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					
CHH2105047-01	MW-15R	AQ	5/5/2021 8:35:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105047-02	GMW-4R	AQ	5/5/2021 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					
CHH2105047-03	MW-9	AQ	5/5/2021 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					
CHH2105047-04	DUP-1	AQ	5/5/2021	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105047-05	GWR-1R	AQ	5/5/2021 10:51:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105047-06	DUP-2	AQ	5/5/2021	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105047-07	PZ-2	AQ	5/5/2021 11:43:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105047-08	DUP-4	AQ	5/5/2021	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105047-09	GMW-O-24	AQ	5/5/2021 12:40:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105047-10	PZ-5	AQ	5/5/2021 1:38:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					

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

Signature	Print Name	Company	Date/Time
Logged in by: 	Haylee Tilton	Alpha Analytical, Inc.	5/7/21 11:04

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	
CHH2105047-11	DUP-5	AQ	5/5/2021	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-12	GMW-O-18	AQ	5/5/2021 2:26:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-13	EB-5	AQ	5/5/2021 2:55:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-14	TB-2	AQ	5/5/2021 7:00:00 AM	2	0	7			A - Partial	SAC TB 3/23/21
CHH2105047-15	GMW-25	AQ	5/5/2021 2:29:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-16	EB-4	AQ	5/5/2021 2:50:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-17	GMW-O-14	AQ	5/5/2021 1:20:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-18	DUP-6	AQ	5/5/2021	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-19	MW-O-2	AQ	5/5/2021 12:20:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-20	GMW-O-21	AQ	5/5/2021 11:21:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-21	GMW-O-10	AQ	5/5/2021 10:37:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-22	GMW-O-9	AQ	5/5/2021 10:07:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-23	GMW-O-1	AQ	5/5/2021 9:32:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-24	GMW-O-2	AQ	5/5/2021 8:44:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-25	HL-3	AQ	5/5/2021 11:31:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-26	MW-6	AQ	5/5/2021 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	
CHH2105047-27	MW-7	AQ	5/5/2021 2:22:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-28	MW-20(MID)	AQ	5/5/2021 1:00:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-29	MW-21(MID)	AQ	5/5/2021 10:49:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2105047-30	DUP-3	AQ	5/5/2021	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: Hayley Tilton Signature: Hayley Tilton Print Name: Hayley Tilton Company: Alpha Analytical, Inc. Date/Time: 5/7/21 11:04

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					
CHH2105047-31	WCW-7	AQ	5/5/2021 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					
CHH2105047-32	WCW-8	AQ	5/5/2021 9:00:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105047-33	WCW-14	AQ	5/5/2021 8:25:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2105047-34	EB-6	AQ	5/5/2021 2:50:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					

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

Logged in by:	Signature	Print Name	Company	Date/Time
		Haylee Tilton	Alpha Analytical, Inc.	5/7/21 11:04

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 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												
MW-15R	5.9.21	0835	AQ	6	HCL	VOAS	X	X										CHH 2105047-01
Gmw-4R		0920					X	X										-02
MW-9		1003					X	X										-03
Dup-1							X	X										-04
Gmw-12		1051					X	X										-05
Dup-2							X	X										-06
PZ-2		1143					X	X										-07
Dup-4							X	X										-08
Gmw-0-24		1240					X	X										-09
PZ-5		1339					X	X										-10

SAMPLING COMPLETED DATE **5.5.21** TIME **1530** SAMPLING PERFORMED BY **Kevin Thompson** RESULTS NEEDED NO LATER THAN **Standard**

RELEASED BY  TIME **1530** RECEIVED BY **Nicole** DATE **5/5/21** TIME **1530**

RELEASED BY **Nicole** TIME **1600** RECEIVED BY **FEDEX 7736 5143 7662** DATE **5/6/21** TIME **1600**

RELEASED BY TIME TIME SENT RECEIVED BY **Hayla Tilton** DATE **5/7/21** TIME **10:37**

SHIPPED VIA TIME SENT COOLER # Page 95 of 98

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~~ 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
DUP-5	5.5.21	—	AQ	6	HCL	VOAG	X	X										CH42105047-11
Gmw-018	↓	1426	↓	↓	↓	↓	X	X										-12
EB-5	5.5.21	1455	↓	↓	↓	↓	X	X										-13
TR-2	5.5.21	0700	AQ	2	HCL	VOA	X	X										-14
																		-15

SAMPLING COMPLETED DATE 5.5.21 TIME 1530 SAMPLING PERFORMED BY Kevin Thompson RESULTS NEEDED NO LATER THAN Standard

RELEASED BY [Signature] TIME 1530 RECEIVED BY [Signature] DATE 5/5/21 TIME 1530

RELEASED BY [Signature] TIME 1600 RECEIVED BY FEDEX DATE 5/6/21 TIME 1600

RELEASED BY [Signature] TIME [Signature] RECEIVED BY Haylen Wilton DATE 5/7/21 TIME 10:37

SHIPPED VIA TIME SENT COOLER # Page 96 of 98

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

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
EW-25	5-5-21	1429	AQ	6	HCL	VDA	X	X										CH2105047-1615
EB-4	5-5-21	1450	AQ	6	HCL	VDA	X	X										+716
GMW-0-14	5-5-21	1320	AQ	6	HCL	VDA	X	X										+817
DUP-6	5-5-21	-	AQ	6	HCL	VDA	X	X										+918
MW-0-2	5-5-21	1220	AQ	6	HCL	VDA	X	X										-2019
GMW-0-21	5-5-21	1121	AQ	6	HCL	VDA	X	X										-2220
GMW-0-10	5-5-21	1037	AQ	6	HCL	VDA	X	X										-2321
GMW-0-9	5-5-21	1007	AQ	6	HCL	VDA	X	X										-2422
GMW-0-1	5-5-21	0932	AQ	6	HCL	VDA	X	X										-2523
GMW-0-2	5-5-21	0844	AQ	6	HCL	VDA	X	X										-2624

SAMPLING COMPLETED **5-5-21 1500** | SAMPLING PERFORMED BY **Josh Alessi** | RESULTS NEEDED NO LATER THAN **Standard**

RELEASED BY  | TIME **1600** | RECEIVED BY  | DATE **5/5/21** | TIME **1600**

RELEASED BY  | TIME **1600** | RECEIVED BY **FEDEX** | DATE **5/6/21** | TIME **1600**

RELEASED BY | TIME | RECEIVED BY **Hayden Tilton** | DATE **5/7/21** | TIME **10:37**

SHIPPED VIA | TIME SENT | COOLER # | Page 97 of 98

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 4 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												
HL-3	5-5-21	1131	AQ	6	HCL	VQA	X	X									CH#2105047-2725
MW-6		1215		6			X	X									-2826
MW-7		1422		6			X	X									-2927
MW-20(M10)		1300		6			X	X									-3028
MW-21(M10)		1049		6			X	X									-3129
DUP-3		-		6			X	X									-3230
Wew-7		1000		6			X	X									-3331
Wew-8		0900		6			X	X									-3432
Wew-14		0825		6			X	X									-3533
EB-6		1450		6			X	X									-3634

SAMPLING COMPLETED DATE 5-5-21 TIME 1550 SAMPLING PERFORMED BY *Garnett Graves* RESULTS NEEDED NO LATER THAN Standard

RELEASED BY *[Signature]* TIME 1550 RECEIVED BY *[Signature]* DATE 5/5/21 TIME 1550

RELEASED BY *[Signature]* TIME 1600 RECEIVED BY *Fedex* DATE 5/6/21 TIME 1600

RELEASED BY *[Signature]* TIME RECEIVED BY *Hayden Tilton* DATE 5/7/21 TIME 10:37

SHIPPED VIA TIME SENT COOLER # Page 98 of 98

Appendix C
Summary of Historical Groundwater Elevations –
November 1996 through Present

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
BW-8	04/11/11	75.08	---	27.28	---	47.80
BW-8	10/10/11	75.08	---	27.15	---	47.93
BW-8	04/16/12	75.08	---	28.08	---	47.00
BW-8	07/09/12	75.08	---	NM	---	NC
BW-8	10/15/12	75.08	---	29.61	---	45.47
BW-8	04/08/13	75.08	---	29.46	---	45.62
BW-9	10/04/10	76.19	---	29.20	---	46.99
BW-9	04/11/11	76.19	---	28.50	---	47.69
BW-9	10/10/11	76.19	---	28.49	---	47.70
BW-9	04/16/12	76.19	---	29.40	---	46.79
BW-9	07/09/12	76.19	---	NM	---	NC
BW-9	10/15/12	76.19	---	29.22	---	46.97
BW-9	04/08/13	76.19	---	30.54	---	45.65
EP-73	10/04/17	77.21	35.31	36.55	0.24	NC
EP-73	04/16/18	77.21	35.89	37.67	1.78	NC
EP-73	04/15/19	77.21	35.39	35.85	0.46	NC
EP-73	10/30/19	77.21	---	36.19	---	NC
EP-73	05/05/20	77.21	---	35.54	---	41.67
EP-73	11/02/20	77.21	---	35.71	---	41.50
EP-73	05/06/21	77.21	---	36.44	---	40.77
EXP-1	11/20/96	78.44	---	49.10	---	29.34
EXP-1	07/01/97	78.44	---	47.89	---	30.55
EXP-1	12/31/97	78.44	---	47.08	---	31.36
EXP-1	05/01/98	78.44	---	45.16	---	33.28
EXP-1	05/25/99	78.44	---	45.44	---	33.00
EXP-1	08/09/99	78.44	---	47.60	---	30.84
EXP-1	09/23/99	78.44	---	48.53	---	29.91
EXP-1	10/12/99	78.44	---	48.51	---	29.93
EXP-1	11/15/99	78.44	---	48.39	---	30.05
EXP-1	12/21/99	78.44	---	47.69	---	30.75
EXP-1	01/20/00	78.44	---	47.45	---	30.99
EXP-1	02/28/00	78.44	---	46.92	---	31.52
EXP-1	03/28/00	78.44	---	46.65	---	31.79
EXP-1	04/20/00	78.44	---	47.20	---	31.24
EXP-1	05/15/00	78.44	---	47.51	---	30.93
EXP-1	05/15/00	78.44	---	47.55	---	30.89
EXP-1	06/30/00	78.44	---	48.51	---	29.93
EXP-1	08/28/00	78.44	---	49.50	---	28.94
EXP-1	02/05/01	78.44	---	48.47	---	29.97
EXP-1	05/07/01	78.44	---	48.15	---	30.29
EXP-1	05/07/01	78.44	---	48.09	---	30.35
EXP-1	09/18/01	78.44	---	50.22	---	28.22
EXP-1	11/05/01	78.44	---	50.17	---	28.27
EXP-1	11/13/01	78.44	---	49.32	---	29.12
EXP-1	11/13/01	78.44	---	49.31	---	29.13
EXP-1	01/29/02	78.44	---	49.07	---	29.37
EXP-1	04/08/02	78.44	---	49.20	---	29.24
EXP-1	04/08/02	78.44	---	48.96	---	29.48
EXP-1	07/29/02	78.44	---	51.35	---	27.09
EXP-1	10/21/02	78.44	---	51.91	---	26.53

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-1	10/21/02	78.44	---	51.94	---	26.50
EXP-1	01/27/03	78.44	---	49.60	---	28.84
EXP-1	04/07/03	78.44	---	50.30	---	28.14
EXP-1	04/07/03	78.44	---	50.28	---	28.16
EXP-1	07/30/03	78.44	---	51.42	---	27.02
EXP-1	10/06/03	78.44	---	51.77	---	26.67
EXP-1	10/06/03	78.44	---	51.76	---	26.68
EXP-1	01/27/04	78.44	---	51.25	---	27.19
EXP-1	04/19/04	78.44	---	51.09	---	27.35
EXP-1	04/19/04	78.44	---	51.09	---	27.35
EXP-1	07/19/04	78.44	---	52.91	---	25.53
EXP-1	11/01/04	78.44	---	54.14	---	24.30
EXP-1	02/01/05	78.44	---	52.90	---	25.54
EXP-1	05/02/05	78.44	---	51.91	---	26.53
EXP-1	05/02/05	78.44	---	51.77	---	26.67
EXP-1	08/01/05	78.44	---	52.61	---	25.83
EXP-1	10/31/05	78.44	---	52.59	---	25.85
EXP-1	02/27/06	78.44	---	50.28	---	28.16
EXP-1	03/06/06	78.44	---	50.63	---	27.81
EXP-1	05/01/06	78.44	---	49.70	---	28.74
EXP-1	05/01/06	78.44	---	49.30	---	29.14
EXP-1	08/26/06	78.44	---	50.53	---	27.91
EXP-1	09/18/06	78.44	---	50.56	---	27.88
EXP-1	12/01/06	78.44	---	50.74	---	27.70
EXP-1	12/04/06	78.44	---	50.28	---	28.16
EXP-1	03/12/07	78.44	---	48.91	---	29.53
EXP-1	03/21/07	78.44	---	48.82	---	29.62
EXP-1	04/27/07	78.44	---	49.20	---	29.24
EXP-1	04/30/07	78.44	---	48.85	---	29.59
EXP-1	08/28/07	78.44	---	51.38	---	27.06
EXP-1	08/28/07	78.44	---	51.38	---	27.06
EXP-1	11/12/07	78.44	---	52.27	---	26.17
EXP-1	11/12/07	78.44	---	52.37	---	26.07
EXP-1	02/05/08	78.44	---	52.15	---	26.29
EXP-1	02/19/08	78.44	---	51.63	---	26.81
EXP-1	04/11/08	78.44	---	51.51	---	26.93
EXP-1	04/14/08	78.44	---	51.40	---	27.04
EXP-1	07/24/08	78.44	---	52.92	---	25.52
EXP-1	08/11/08	78.44	---	53.21	---	25.23
EXP-1	10/13/08	78.44	---	53.75	---	24.69
EXP-1	10/14/08	78.44	---	53.75	---	24.69
EXP-1	02/09/09	78.44	---	52.56	---	25.88
EXP-1	04/20/09	78.44	---	53.41	---	25.03
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-1	04/12/10	78.44	---	55.24	---	23.20
EXP-1	05/24/10	78.44	---	55.38	---	23.06
EXP-1	05/28/10	78.44	---	55.40	---	23.04
EXP-1	10/04/10	78.44	---	56.44	---	22.00
EXP-1	01/06/11	78.44	---	54.99	---	23.45
EXP-1	01/10/11	78.44	---	54.77	---	23.67
EXP-1	04/07/11	78.44	---	53.67	---	24.77
EXP-1	04/11/11	78.44	---	53.98	---	24.46
EXP-1	07/07/11	78.44	---	53.65	---	24.79
EXP-1	07/11/11	78.44	---	53.51	---	24.93
EXP-1	10/06/11	78.44	---	54.13	---	24.31
EXP-1	10/10/11	78.44	---	53.75	---	24.69
EXP-1	01/09/12	78.44	---	52.67	---	25.77
EXP-1	01/09/12	78.44	---	52.67	---	25.77
EXP-1	04/16/12	78.44	---	52.29	---	26.15
EXP-1	04/16/12	78.44	---	52.29	---	26.15
EXP-1	07/09/12	78.44	---	52.69	---	25.75
EXP-1	10/15/12	78.44	---	53.63	---	24.81
EXP-1	01/10/13	78.44	---	52.78	---	25.66
EXP-1	01/14/13	78.44	---	52.99	---	25.45
EXP-1	04/03/13	78.44	---	52.91	---	25.53
EXP-1	04/08/13	78.44	---	52.51	---	25.93
EXP-1	04/08/13	78.44	---	52.57	---	25.87
EXP-1	10/01/13	78.44	---	55.34	---	23.10
EXP-1	10/07/13	78.44	---	55.41	---	23.03
EXP-1	04/09/14	78.44	---	55.42	---	23.02
EXP-1	04/14/14	78.44	---	55.45	---	22.99
EXP-1	10/27/14	78.44	---	58.29	---	20.15
EXP-1	10/27/14	78.44	---	58.44	---	20.00
EXP-1	04/20/15	78.44	---	57.81	---	20.63
EXP-1	10/19/15	78.44	---	59.22	---	19.22
EXP-1	04/11/16	78.44	---	59.50	---	18.94
EXP-1	04/13/16	78.44	---	59.43	---	19.01
EXP-1	10/03/16	78.44	---	61.31	---	17.13
EXP-1	10/03/16	78.44	---	61.17	---	17.27
EXP-1	04/17/17	78.44	---	60.47	---	17.97
EXP-1	04/18/17	78.44	---	60.48	---	17.96
EXP-1	10/02/17	78.44	---	60.98	---	17.46
EXP-1	10/03/17	78.44	---	61.14	---	17.30
EXP-1	04/16/18	78.44	---	60.17	---	18.27
EXP-1	11/05/18	78.44	---	61.74	---	16.70
EXP-1	04/16/19	78.44	---	60.63	---	17.81
EXP-1	04/18/19	78.44	---	60.77	---	17.67
EXP-1	10/28/19	78.44	---	61.80	---	16.64
EXP-1	10/28/19	78.44	---	61.83	---	16.61
EXP-1	05/04/20	78.44	---	60.24	---	18.20
EXP-1	05/04/20	78.44	---	60.35	---	18.09
EXP-1	10/19/20	78.44	---	61.25	---	17.19
EXP-1	11/02/20	78.44	---	61.25	---	17.19
EXP-1	11/02/20	78.44	---	61.25	---	17.19

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-1	05/03/21	78.44	---	59.79	---	18.65
EXP-1	05/04/21	78.44	---	59.97	---	18.47
EXP-2	11/20/96	79.43	---	48.20	---	31.23
EXP-2	07/01/97	79.43	---	47.19	---	32.24
EXP-2	12/31/97	79.43	---	46.33	---	33.10
EXP-2	05/01/98	79.43	---	44.40	---	35.03
EXP-2	05/04/99	79.43	---	44.05	---	35.38
EXP-2	05/25/99	79.43	---	44.85	---	34.58
EXP-2	07/21/99	79.43	---	46.67	---	32.76
EXP-2	08/09/99	79.43	---	47.02	---	32.41
EXP-2	09/23/99	79.43	---	48.90	---	30.53
EXP-2	10/12/99	79.43	---	48.93	---	30.50
EXP-2	11/15/99	79.43	---	47.76	---	31.67
EXP-2	12/21/99	79.43	---	47.03	---	32.40
EXP-2	01/20/00	79.43	---	46.85	---	32.58
EXP-2	02/28/00	79.43	---	46.39	---	33.04
EXP-2	03/28/00	79.43	---	46.15	---	33.28
EXP-2	04/20/00	79.43	---	46.69	---	32.74
EXP-2	05/15/00	79.43	---	47.04	---	32.39
EXP-2	05/15/00	79.43	---	47.05	---	32.38
EXP-2	06/30/00	79.43	---	48.01	---	31.42
EXP-2	08/28/00	79.43	---	48.96	---	30.47
EXP-2	11/13/00	79.43	---	48.71	---	30.72
EXP-2	11/13/00	79.43	---	48.74	---	30.69
EXP-2	02/05/01	79.43	---	47.83	---	31.60
EXP-2	05/07/01	79.43	---	47.61	---	31.82
EXP-2	05/07/01	79.43	---	47.58	---	31.85
EXP-2	09/18/01	79.43	---	49.75	---	29.68
EXP-2	11/05/01	79.43	---	49.60	---	29.83
EXP-2	01/29/02	79.43	---	48.56	---	30.87
EXP-2	04/08/02	79.43	---	48.72	---	30.71
EXP-2	04/08/02	79.43	---	48.63	---	30.80
EXP-2	07/29/02	79.43	---	50.90	---	28.53
EXP-2	10/21/02	79.43	---	51.51	---	27.92
EXP-2	10/21/02	79.43	---	51.46	---	27.97
EXP-2	01/27/03	79.43	---	49.29	---	30.14
EXP-2	04/07/03	79.43	---	50.05	---	29.38
EXP-2	04/07/03	79.43	---	49.95	---	29.48
EXP-2	07/30/03	79.43	---	51.15	---	28.28
EXP-2	10/06/03	79.43	---	51.62	---	27.81
EXP-2	10/06/03	79.43	---	51.62	---	27.81
EXP-2	01/27/04	79.43	---	51.09	---	28.34
EXP-2	04/19/04	79.43	---	51.08	---	28.35
EXP-2	04/19/04	79.43	---	50.00	---	29.43
EXP-2	07/19/04	79.43	---	52.90	---	26.53
EXP-2	11/01/04	79.43	---	53.98	---	25.45
EXP-2	02/01/05	79.43	---	52.89	---	26.54
EXP-2	05/02/05	79.43	---	51.87	---	27.56
EXP-2	05/02/05	79.43	---	51.75	---	27.68
EXP-2	08/01/05	79.43	---	52.65	---	26.78

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-2	10/31/05	79.43	---	52.55	---	26.88
EXP-2	02/27/06	79.43	---	50.30	---	29.13
EXP-2	05/01/06	79.43	---	49.69	---	29.74
EXP-2	05/01/06	79.43	---	49.31	---	30.12
EXP-2	09/18/06	79.43	---	51.53	---	27.90
EXP-2	12/01/06	79.43	---	50.60	---	28.83
EXP-2	12/04/06	79.43	---	50.19	---	29.24
EXP-2	03/12/07	79.43	---	48.92	---	30.51
EXP-2	04/30/07	79.43	---	49.31	---	30.12
EXP-2	04/30/07	79.43	---	48.87	---	30.56
EXP-2	08/28/07	79.43	---	51.31	---	28.12
EXP-2	11/12/07	79.43	---	52.27	---	27.16
EXP-2	11/12/07	79.43	---	52.27	---	27.16
EXP-2	02/19/08	79.43	---	51.49	---	27.94
EXP-2	04/11/08	79.43	---	51.46	---	27.97
EXP-2	04/14/08	79.43	---	51.35	---	28.08
EXP-2	07/24/08	79.43	---	53.08	---	26.35
EXP-2	08/11/08	79.43	---	53.28	---	26.15
EXP-2	10/13/08	79.43	---	53.76	---	25.67
EXP-2	10/14/08	79.43	---	53.76	---	25.67
EXP-2	02/09/09	79.43	---	52.81	---	26.62
EXP-2	04/20/09	79.43	---	54.83	---	24.60
EXP-2	04/20/09	79.43	---	54.83	---	24.60
EXP-2	07/16/09	79.43	---	54.91	---	24.52
EXP-2	07/20/09	79.43	---	54.91	---	24.52
EXP-2	10/19/09	79.43	---	55.90	---	23.53
EXP-2	01/11/10	79.43	---	55.93	---	23.50
EXP-2	03/15/10	79.43	---	55.22	---	24.21
EXP-2	04/07/10	79.43	---	55.52	---	23.91
EXP-2	04/12/10	79.43	---	55.82	---	23.61
EXP-2	05/24/10	79.43	---	55.66	---	23.77
EXP-2	05/28/10	79.43	---	55.69	---	23.74
EXP-2	10/04/10	79.43	---	56.65	---	22.78
EXP-2	01/06/11	79.43	---	55.48	---	23.95
EXP-2	01/10/11	79.43	---	55.18	---	24.25
EXP-2	04/06/11	79.43	---	54.07	---	25.36
EXP-2	04/11/11	79.43	---	54.44	---	24.99
EXP-2	07/07/11	79.43	---	54.18	---	25.25
EXP-2	07/11/11	79.43	---	53.94	---	25.49
EXP-2	10/06/11	79.43	---	54.26	---	25.17
EXP-2	10/10/11	79.43	---	53.21	---	26.22
EXP-2	01/09/12	79.43	---	52.98	---	26.45
EXP-2	01/09/12	79.43	---	52.98	---	26.45
EXP-2	04/16/12	79.43	---	52.63	---	26.80
EXP-2	04/16/12	79.43	---	52.63	---	26.80
EXP-2	07/09/12	79.43	---	53.08	---	26.35
EXP-2	10/15/12	79.43	---	53.96	---	25.47
EXP-2	01/10/13	79.43	---	53.22	---	26.21
EXP-2	01/14/13	79.43	---	53.02	---	26.41
EXP-2	04/02/13	79.43	---	53.33	---	26.10

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-2	04/08/13	79.43	---	52.97	---	26.46
EXP-2	10/01/13	79.43	---	55.89	---	23.54
EXP-2	10/07/13	79.43	---	55.88	---	23.55
EXP-2	04/07/14	79.43	---	56.07	---	23.36
EXP-2	04/14/14	79.43	---	56.10	---	23.33
EXP-2	10/27/14	79.43	---	58.94	---	20.49
EXP-2	10/27/14	79.43	---	59.11	---	20.32
EXP-2	04/20/15	79.43	---	58.53	---	20.90
EXP-2	10/19/15	79.43	---	60.23	---	19.20
EXP-2	04/11/16	79.43	---	60.25	---	19.18
EXP-2	04/11/16	79.43	---	60.31	---	19.12
EXP-2	10/03/16	79.43	---	61.88	---	17.55
EXP-2	10/03/16	79.43	---	62.18	---	17.25
EXP-2	04/17/17	79.43	---	61.39	---	18.04
EXP-2	04/17/17	79.43	---	61.42	---	18.01
EXP-2	10/02/17	79.43	---	62.04	---	17.39
EXP-2	04/16/18	79.43	---	61.08	---	18.35
EXP-2	11/05/18	79.43	---	62.92	---	16.51
EXP-2	11/05/18	79.43	---	62.91	---	16.52
EXP-2	04/12/19	79.43	---	61.75	---	17.68
EXP-2	04/16/19	79.43	---	61.77	---	17.66
EXP-2	04/18/19	79.43	---	61.87	---	17.56
EXP-2	10/28/19	79.43	---	62.91	---	16.52
EXP-2	10/28/19	79.43	---	62.96	---	16.47
EXP-2	05/04/20	79.43	---	61.52	---	17.91
EXP-2	05/04/20	79.43	---	61.48	---	17.95
EXP-2	10/19/20	79.43	---	62.40	---	17.03
EXP-2	11/02/20	79.43	---	62.40	---	17.03
EXP-2	11/02/20	79.43	---	62.38	---	17.05
EXP-2	05/03/21	79.43	---	61.20	---	18.23
EXP-2	05/04/21	79.43	---	61.23	---	18.20
EXP-3	11/20/96	77.58	---	48.25	---	29.33
EXP-3	07/01/97	77.58	---	47.15	---	30.43
EXP-3	12/31/97	77.58	---	46.21	---	31.37
EXP-3	05/01/98	77.58	---	44.19	---	33.39
EXP-3	05/04/99	77.58	---	43.88	---	33.70
EXP-3	05/26/99	77.58	---	44.72	---	32.86
EXP-3	08/09/99	77.58	---	46.98	---	30.60
EXP-3	09/23/99	77.58	---	47.78	---	29.80
EXP-3	10/12/99	77.58	---	47.76	---	29.82
EXP-3	11/15/99	77.58	---	47.65	---	29.93
EXP-3	12/21/99	77.58	---	46.85	---	30.73
EXP-3	01/20/00	77.58	---	46.57	---	31.01
EXP-3	02/28/00	77.58	---	46.01	---	31.57
EXP-3	03/28/00	77.58	---	45.79	---	31.79
EXP-3	04/20/00	77.58	---	46.35	---	31.23
EXP-3	05/15/00	77.58	---	46.68	---	30.90
EXP-3	05/15/00	77.58	---	46.63	---	30.95
EXP-3	06/30/00	77.58	---	47.75	---	29.83
EXP-3	08/28/00	77.58	---	48.77	---	28.81

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-3	11/13/00	77.58	---	48.41	---	29.17
EXP-3	11/13/00	77.58	---	48.51	---	29.07
EXP-3	02/05/01	77.58	---	47.58	---	30.00
EXP-3	05/07/01	77.58	---	47.29	---	30.29
EXP-3	05/07/01	77.58	---	47.26	---	30.32
EXP-3	09/18/01	77.58	---	49.46	---	28.12
EXP-3	11/05/01	77.58	---	49.32	---	28.26
EXP-3	01/29/02	77.58	---	48.19	---	29.39
EXP-3	04/08/02	77.58	---	48.25	---	29.33
EXP-3	04/08/02	77.58	---	48.21	---	29.37
EXP-3	07/29/02	77.58	---	50.59	---	26.99
EXP-3	10/21/02	77.58	---	51.11	---	26.47
EXP-3	10/21/02	77.58	---	51.16	---	26.42
EXP-3	01/27/03	77.58	---	48.62	---	28.96
EXP-3	04/07/03	77.58	---	49.55	---	28.03
EXP-3	04/07/03	77.58	---	49.46	---	28.12
EXP-3	07/30/03	77.58	---	50.59	---	26.99
EXP-3	10/06/03	77.58	---	50.95	---	26.63
EXP-3	10/06/03	77.58	---	51.01	---	26.57
EXP-3	01/27/04	77.58	---	50.35	---	27.23
EXP-3	04/19/04	77.58	---	50.19	---	27.39
EXP-3	04/19/04	77.58	---	50.22	---	27.36
EXP-3	07/19/04	77.58	---	52.19	---	25.39
EXP-3	11/01/04	77.58	---	53.26	---	24.32
EXP-3	02/01/05	77.58	---	51.94	---	25.64
EXP-3	05/02/05	77.58	---	50.90	---	26.68
EXP-3	05/02/05	77.58	---	49.83	---	27.75
EXP-3	08/01/05	77.58	---	51.82	---	25.76
EXP-3	10/31/05	77.58	---	51.71	---	25.87
EXP-3	02/27/06	77.58	---	49.29	---	28.29
EXP-3	05/01/06	77.58	---	48.74	---	28.84
EXP-3	05/01/06	77.58	---	48.31	---	29.27
EXP-3	09/18/06	77.58	---	50.14	---	27.44
EXP-3	12/01/06	77.58	---	49.74	---	27.84
EXP-3	12/04/06	77.58	---	49.41	---	28.17
EXP-3	03/12/07	77.58	---	47.95	---	29.63
EXP-3	04/30/07	77.58	---	48.31	---	29.27
EXP-3	04/30/07	77.58	---	47.86	---	29.72
EXP-3	08/28/07	77.58	---	50.61	---	26.97
EXP-3	11/12/07	77.58	---	51.56	---	26.02
EXP-3	11/12/07	77.58	---	51.57	---	26.01
EXP-3	02/05/08	77.58	---	51.23	---	26.35
EXP-3	02/19/08	77.58	---	50.70	---	26.88
EXP-3	04/14/08	77.58	---	50.63	---	26.95
EXP-3	04/14/08	77.58	---	50.60	---	26.98
EXP-3	07/24/08	77.58	---	52.78	---	24.80
EXP-3	08/11/08	77.58	---	52.45	---	25.13
EXP-3	10/13/08	77.58	---	52.97	---	24.61
EXP-3	10/14/08	77.58	---	52.97	---	24.61
EXP-3	02/10/09	77.58	---	52.16	---	25.42

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-3	04/20/09	77.58	---	52.97	---	24.61
EXP-3	04/20/09	77.58	---	52.97	---	24.61
EXP-3	07/16/09	77.58	---	54.02	---	23.56
EXP-3	07/20/09	77.58	---	53.93	---	23.65
EXP-3	10/19/09	77.58	---	55.40	---	22.18
EXP-3	01/11/10	77.58	---	54.51	---	23.07
EXP-3	03/15/10	77.58	---	54.10	---	23.48
EXP-3	04/07/10	77.58	---	54.36	---	23.22
EXP-3	04/12/10	77.58	---	54.82	---	22.76
EXP-3	05/24/10	77.58	---	54.54	---	23.04
EXP-3	05/28/10	77.58	---	54.51	---	23.07
EXP-3	10/04/10	77.58	---	55.42	---	22.16
EXP-3	01/08/11	77.58	---	53.91	---	23.67
EXP-3	01/10/11	77.58	---	53.88	---	23.70
EXP-3	04/07/11	77.58	---	52.66	---	24.92
EXP-3	04/11/11	77.58	---	52.92	---	24.66
EXP-3	07/08/11	77.58	---	52.73	---	24.85
EXP-3	07/11/11	77.58	---	52.54	---	25.04
EXP-3	10/06/11	77.58	---	53.23	---	24.35
EXP-3	10/10/11	77.58	---	52.74	---	24.84
EXP-3	01/09/12	77.58	---	51.67	---	25.91
EXP-3	01/09/12	77.58	---	51.67	---	25.91
EXP-3	04/16/12	77.58	---	51.34	---	26.24
EXP-3	04/16/12	77.58	---	51.34	---	26.24
EXP-3	07/09/12	77.58	---	51.87	---	25.71
EXP-3	08/29/12	77.58	---	52.69	---	24.89
EXP-3	10/15/12	77.58	---	52.80	---	24.78
EXP-3	01/11/13	77.58	---	51.94	---	25.64
EXP-3	01/14/13	77.58	---	51.70	---	25.88
EXP-3	04/03/13	77.58	---	52.01	---	25.57
EXP-3	04/08/13	77.58	---	51.65	---	25.93
EXP-3	10/02/13	77.58	---	54.61	---	22.97
EXP-3	10/07/13	77.58	---	54.62	---	22.96
EXP-3	04/09/14	77.58	---	54.55	---	23.03
EXP-3	04/14/14	77.58	---	54.68	---	22.90
EXP-3	10/27/14	77.58	---	57.55	---	20.03
EXP-3	10/27/14	77.58	---	57.70	---	19.88
EXP-3	04/20/15	77.58	---	56.91	---	20.67
EXP-3	10/19/15	77.58	---	58.43	---	19.15
EXP-3	04/11/16	77.58	---	58.80	---	18.78
EXP-3	04/12/16	77.58	---	58.72	---	18.86
EXP-3	10/03/16	77.58	---	60.52	---	17.06
EXP-3	10/03/16	77.58	---	60.92	---	16.66
EXP-3	04/17/17	77.58	---	59.52	---	18.06
EXP-3	04/18/17	77.58	---	59.59	---	17.99
EXP-3	10/02/17	77.58	---	60.12	---	17.46
EXP-3	10/03/17	77.58	---	60.26	---	17.32
EXP-3	04/16/18	77.58	---	59.31	---	18.27
EXP-3	11/05/18	77.58	---	60.98	---	16.60
EXP-3	11/05/18	77.58	---	60.92	---	16.66

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-3	04/16/19	77.58	---	59.65	---	17.93
EXP-3	04/16/19	77.58	---	59.72	---	17.86
EXP-3	10/28/19	77.58	---	61.08	---	16.50
EXP-3	10/28/19	77.58	---	60.90	---	16.68
EXP-3	05/04/20	77.58	---	59.33	---	18.25
EXP-3	05/04/20	77.58	---	59.36	---	18.22
EXP-3	10/19/20	77.58	---	60.28	---	17.30
EXP-3	11/02/20	77.58	---	60.28	---	17.30
EXP-3	11/02/20	77.58	---	60.36	---	17.22
EXP-3	05/03/21	77.58	---	59.21	---	18.37
EXP-3	05/04/21	77.58	---	59.19	---	18.39
EXP-4	02/03/99	79.81	---	43.49	---	36.32
EXP-4	05/04/99	79.81	---	43.43	---	36.38
EXP-4	07/21/99	79.81	---	46.03	---	33.78
EXP-4	08/09/99	79.81	---	46.49	---	33.32
EXP-4	09/23/99	79.81	---	47.29	---	32.52
EXP-4	10/12/99	79.81	---	47.30	---	32.51
EXP-4	11/15/99	79.81	---	47.18	---	32.63
EXP-4	12/21/99	79.81	---	46.42	---	33.39
EXP-4	01/20/00	79.81	---	46.29	---	33.52
EXP-4	02/28/00	79.81	---	45.89	---	33.92
EXP-4	03/28/00	79.81	---	45.61	---	34.20
EXP-4	04/20/00	79.81	---	46.12	---	33.69
EXP-4	05/15/00	79.81	---	46.39	---	33.42
EXP-4	06/30/00	79.81	---	47.42	---	32.39
EXP-4	08/28/00	79.81	---	48.35	---	31.46
EXP-4	11/13/00	79.81	---	48.15	---	31.66
EXP-4	02/05/01	79.81	---	47.26	---	32.55
EXP-4	05/07/01	79.81	---	47.01	---	32.80
EXP-4	09/18/01	79.81	---	49.10	---	30.71
EXP-4	11/05/01	79.81	---	48.97	---	30.84
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-4	05/24/10	79.81	---	55.10	---	24.71
EXP-4	05/28/10	79.81	---	55.10	---	24.71
EXP-4	10/04/10	79.81	---	56.23	---	23.58
EXP-4	04/11/11	79.81	---	54.10	---	25.71
EXP-4	10/10/11	79.81	---	53.93	---	25.88
EXP-4	04/16/12	79.81	---	52.49	---	27.32
EXP-4	07/09/12	79.81	---	NM	---	NC
EXP-4	10/15/12	79.81	---	53.74	---	26.07
EXP-4	04/08/13	79.81	---	52.51	---	27.30
EXP-4	10/07/13	79.81	---	55.62	---	24.19
EXP-4	04/14/14	79.81	---	55.92	---	23.89
EXP-4	10/27/14	79.81	---	58.95	---	20.86
EXP-4	04/20/15	79.81	---	58.43	---	21.38
EXP-4	10/19/15	79.81	---	60.00	---	19.81
EXP-4	04/11/16	79.81	---	60.30	---	19.51
EXP-4	10/03/16	79.81	---	62.71	---	17.10
EXP-4	10/03/16	79.81	---	62.71	---	17.10
EXP-4	04/17/17	79.81	---	61.41	---	18.40
EXP-4	10/02/17	79.81	---	62.03	---	17.78
EXP-4	11/05/18	79.81	---	62.95	---	16.86
EXP-4	04/16/19	79.81	---	61.92	---	17.89
EXP-4	10/28/19	79.81	---	63.16	---	16.65
EXP-4	05/04/20	79.81	---	61.66	---	18.15
EXP-4	11/02/20	79.81	---	62.48	---	17.33
EXP-4	05/03/21	79.81	---	61.38	---	18.43
EXP-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-5	04/07/03	72.41	---	44.70	---	27.71
EXP-5	07/30/03	72.41	---	45.89	---	26.52
EXP-5	10/06/03	72.41	---	46.35	---	26.06
EXP-5	01/11/04	72.41	---	48.53	---	23.88
EXP-5	01/27/04	72.41	---	45.57	---	26.84
EXP-5	04/19/04	72.41	---	45.41	---	27.00
EXP-5	07/19/04	72.41	---	47.55	---	24.86
EXP-5	02/01/05	72.41	---	47.07	---	25.34
EXP-5	05/02/05	72.41	---	45.81	---	26.60
EXP-5	08/01/05	72.41	---	45.37	---	27.04
EXP-5	10/31/05	72.41	---	46.83	---	25.58
EXP-5	02/27/06	72.41	---	47.21	---	25.20
EXP-5	05/01/06	72.41	---	43.34	---	29.07
EXP-5	09/18/06	72.41	---	44.88	---	27.53
EXP-5	12/04/06	72.41	---	49.73	---	22.68
EXP-5	03/12/07	72.41	---	43.02	---	29.39
EXP-5	04/30/07	72.41	---	43.02	---	29.39
EXP-5	08/28/07	72.41	---	45.86	---	26.55
EXP-5	11/12/07	72.41	---	46.37	---	26.04
EXP-5	02/19/08	72.41	---	45.90	---	26.51
EXP-5	04/14/08	72.41	---	45.73	---	26.68
EXP-5	08/11/08	72.41	---	47.68	---	24.73
EXP-5	10/13/08	72.41	---	48.19	---	24.22
EXP-5	04/20/09	72.41	---	47.86	---	24.55
EXP-5	07/20/09	72.41	---	49.10	---	23.31
EXP-5	10/19/09	72.41	---	50.61	---	21.80
EXP-5	03/15/10	72.41	---	49.02	---	23.39
EXP-5	05/24/10	72.41	---	49.54	---	22.87
EXP-5	05/28/10	72.41	---	49.49	---	22.92
EXP-5	10/04/10	72.41	---	50.35	---	22.06
EXP-5	01/10/11	72.41	---	48.69	---	23.72
EXP-5	04/11/11	72.41	---	49.82	---	22.59
EXP-5	07/11/11	72.41	---	47.42	---	24.99
EXP-5	10/10/11	72.41	---	49.58	---	22.83
EXP-5	01/09/12	72.41	---	46.53	---	25.88
EXP-5	04/16/12	72.41	---	46.21	---	26.20
EXP-5	07/09/12	72.41	---	46.88	---	25.53
EXP-5	10/15/12	72.41	---	47.78	---	24.63
EXP-5	01/14/13	72.41	---	46.64	---	25.77
EXP-5	04/08/13	72.41	---	46.58	---	25.83
EXP-5	10/07/13	72.41	---	50.13	---	22.28
EXP-5	04/14/14	72.41	---	49.42	---	22.99
EXP-5	10/27/14	72.41	---	52.58	---	19.83
EXP-5	04/20/15	72.41	---	51.71	---	20.70
EXP-5	10/19/15	72.41	---	53.27	---	19.14
EXP-5	04/11/16	72.41	---	53.40	---	19.01
EXP-5	10/03/16	72.41	---	55.40	---	17.01
EXP-5	10/03/16	72.41	---	55.40	---	17.01
EXP-5	04/17/17	72.41	---	54.26	---	18.15
EXP-5	10/02/17	72.41	---	54.73	---	17.68

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
EXP-5	11/05/18	72.41	---	53.61	---	18.80
EXP-5	04/16/19	72.41	---	54.14	---	18.27
EXP-5	10/28/19	72.41	---	55.50	---	16.91
EXP-5	05/04/20	72.41	---	53.81	---	18.60
EXP-5	11/02/20	72.41	---	54.74	---	17.67
EXP-5	05/03/21	72.41	---	53.47	---	18.94
GMW-1	11/20/96	74.77	---	27.73	---	47.04
GMW-1	07/01/97	74.77	---	27.97	---	46.80
GMW-1	12/31/97	74.77	---	27.85	---	46.92
GMW-1	05/01/98	74.77	---	24.77	---	50.00
GMW-1	05/04/99	74.77	---	25.75	---	49.02
GMW-1	08/09/99	74.77	---	26.24	---	48.53
GMW-1	11/15/99	74.77	---	26.39	---	48.38
GMW-1	05/15/00	74.77	---	26.26	---	48.51
GMW-1	11/13/00	74.77	---	26.95	---	47.82
GMW-1	05/07/01	74.77	---	25.50	---	49.27
GMW-1	11/05/01	74.77	---	25.53	---	49.24
GMW-1	04/08/02	74.77	---	26.10	---	48.67
GMW-1	10/21/02	74.77	---	26.82	---	47.95
GMW-1	04/07/03	74.77	---	26.17	---	48.60
GMW-1	07/30/03	74.77	---	26.11	---	48.66
GMW-1	10/06/03	74.77	---	26.22	---	48.55
GMW-1	01/11/04	74.77	---	27.59	---	47.18
GMW-1	01/27/04	74.77	---	26.57	---	48.20
GMW-1	04/19/04	74.77	---	27.25	---	47.52
GMW-1	07/19/04	74.77	---	26.84	---	47.93
GMW-1	02/01/05	74.77	---	25.79	---	48.98
GMW-1	05/02/05	74.77	---	20.84	---	53.93
GMW-1	08/01/05	74.77	---	21.92	---	52.85
GMW-1	10/31/05	74.77	---	26.96	---	47.81
GMW-1	02/27/06	74.77	---	23.15	---	51.62
GMW-1	05/01/06	74.77	---	23.30	---	51.47
GMW-1	09/18/06	74.77	---	23.70	---	51.07
GMW-1	12/04/06	74.77	---	24.06	---	50.71
GMW-1	03/12/07	74.77	---	24.18	---	50.59
GMW-1	04/30/07	74.77	---	23.21	---	51.56
GMW-1	08/28/07	74.77	---	19.70	---	55.07
GMW-1	11/12/07	74.77	---	23.70	---	51.07
GMW-1	02/19/08	74.77	---	25.20	---	49.57
GMW-1	04/14/08	74.77	---	25.12	---	49.65
GMW-1	10/13/08	74.77	---	25.84	---	48.93
GMW-1	04/20/09	74.77	---	26.18	---	48.59
GMW-1	10/19/09	74.77	---	27.52	---	47.25
GMW-1	05/24/10	74.77	---	26.95	---	47.82
GMW-1	05/28/10	74.77	---	26.91	---	47.86
GMW-1	10/04/10	74.77	---	26.95	---	47.82
GMW-1	01/10/11	74.77	---	28.22	---	46.55
GMW-1	04/11/11	74.77	---	25.98	---	48.79
GMW-1	07/11/11	74.77	---	NM	---	NC
GMW-1	10/10/11	74.77	---	26.15	---	48.62

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-1	01/09/12	74.77	---	26.68	---	48.09
GMW-1	04/16/12	74.77	---	28.03	---	46.74
GMW-1	07/09/12	74.77	---	29.14	---	45.63
GMW-1	10/15/12	74.77	---	29.49	---	45.28
GMW-1	01/14/13	74.77	---	29.54	---	45.23
GMW-1	04/08/13	74.77	---	29.34	---	45.43
GMW-1	10/07/13	74.77	---	30.25	---	44.52
GMW-1	04/14/14	74.77	---	30.42	---	44.35
GMW-1	10/27/14	74.77	---	30.78	---	43.99
GMW-1	04/20/15	74.77	---	31.19	---	43.58
GMW-1	10/19/15	74.77	---	31.89	---	42.88
GMW-1	03/14/16	74.77	---	36.16	---	38.61
GMW-1	04/11/16	74.77	---	34.00	---	40.77
GMW-1	06/29/16	74.77	---	35.12	---	39.65
GMW-1	08/22/16	74.77	---	35.06	---	39.71
GMW-1	10/03/16	74.77	---	35.80	---	38.97
GMW-1	10/03/16	74.77	---	35.80	---	38.97
GMW-1	04/17/17	74.77	---	NM	---	NC
GMW-1	11/05/18	74.77	---	NM	---	NC
GMW-1	04/16/19	74.77	---	DRY	---	NC
GMW-1	10/28/19	74.77	---	DRY	---	NC
GMW-1	05/04/20	74.77	---	32.90	---	41.87
GMW-1	11/02/20	74.77	---	DRY	---	NC
GMW-1	05/03/21	74.77	---	DRY	---	DRY
GMW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-2	10/19/09	73.57	---	26.22	---	47.35
GMW-2	05/24/10	73.57	---	25.80	---	47.77
GMW-2	05/28/10	73.57	---	25.80	---	47.77
GMW-2	10/04/10	73.57	---	25.95	---	47.62
GMW-2	04/11/11	73.57	---	NM	---	NC
GMW-2	10/10/11	73.57	---	25.17	---	48.40
GMW-2	04/16/12	73.57	---	NM	---	NC
GMW-2	07/09/12	73.57	---	NM	---	NC
GMW-2	10/15/12	73.57	---	NM	---	NC
GMW-2	04/08/13	73.57	---	NM	---	NC
GMW-3	11/20/96	75.10	---	27.76	---	47.34
GMW-3	07/01/97	75.10	---	27.02	---	48.08
GMW-3	12/31/97	75.10	---	27.66	---	47.44
GMW-3	05/01/98	75.10	---	34.12	---	40.98
GMW-3	05/04/99	75.10	---	25.69	---	49.41
GMW-3	08/09/99	75.10	---	26.15	---	48.95
GMW-3	11/15/99	75.10	---	26.54	---	48.56
GMW-3	05/15/00	75.10	---	26.29	---	48.81
GMW-3	11/13/00	75.10	---	26.97	---	48.13
GMW-3	05/07/01	75.10	---	25.10	---	50.00
GMW-3	08/07/01	75.10	---	28.61	---	46.49
GMW-3	11/05/01	75.10	---	25.63	---	49.47
GMW-3	04/08/02	75.10	---	26.26	---	48.84
GMW-3	10/21/02	75.10	---	27.05	---	48.05
GMW-3	01/27/03	75.10	---	26.74	---	48.36
GMW-3	04/07/03	75.10	---	26.26	---	48.84
GMW-3	07/31/03	75.10	---	25.96	---	49.14
GMW-3	10/06/03	75.10	---	26.23	---	48.87
GMW-3	01/11/04	75.10	---	27.56	---	47.54
GMW-3	01/27/04	75.10	---	26.68	---	48.42
GMW-3	04/19/04	75.10	---	26.93	---	48.17
GMW-3	07/19/04	75.10	---	26.92	---	48.18
GMW-3	05/02/05	75.10	---	21.53	---	53.57
GMW-3	10/31/05	75.10	26.11	26.11	0.00	48.99
GMW-3	02/27/06	75.10	---	23.73	---	51.37
GMW-3	05/01/06	75.10	---	23.78	---	51.32
GMW-3	12/04/06	75.10	---	24.73	---	50.37
GMW-3	04/30/07	75.10	---	24.99	---	50.11
GMW-3	11/12/07	75.10	---	25.00	---	50.10
GMW-3	04/14/08	75.10	---	25.52	---	49.58
GMW-3	04/14/08	75.10	---	25.40	---	49.70
GMW-3	10/13/08	75.10	---	26.35	---	48.75
GMW-3	04/20/09	75.10	---	26.26	---	48.84
GMW-3	10/19/09	75.10	---	27.81	---	47.29
GMW-3	05/24/10	75.10	---	27.18	---	47.92
GMW-3	05/28/10	75.10	---	27.11	---	47.99
GMW-3	10/04/10	75.10	---	27.37	---	47.73
GMW-3	04/11/11	75.10	---	26.17	---	48.93
GMW-3	10/10/11	75.10	---	26.68	---	48.42
GMW-3	04/16/12	75.10	---	27.93	---	47.17

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-3	07/09/12	75.10	---	NM	---	NC
GMW-3	10/15/12	75.10	---	NM	---	NC
GMW-3	04/08/13	75.10	---	NM	---	NC
GMW-3	06/14/13	75.10	---	29.98	---	45.12
GMW-3	10/07/13	75.10	---	NM	---	NC
GMW-3	04/14/14	75.10	---	30.55	---	44.55
GMW-3	10/27/14	75.10	---	30.90	---	44.20
GMW-3	04/20/15	75.10	---	31.40	---	43.70
GMW-3	10/19/15	75.10	---	32.12	---	42.98
GMW-3	04/11/16	75.10	---	NM	---	NC
GMW-3	10/28/19	---	---	NM	---	NC
GMW-3	05/04/20	75.10	---	33.17	---	41.93
GMW-3	11/02/20	75.10	---	32.81	---	42.29
GMW-3	05/03/21	75.10	---	34.31	---	40.79
GMW-4	11/20/96	75.45	28.25	28.32	0.07	47.19
GMW-4	07/01/97	75.45	---	27.76	---	47.69
GMW-4	12/31/97	75.45	---	27.25	---	48.20
GMW-4	05/01/98	75.45	---	24.69	---	50.76
GMW-4	05/04/99	75.45	26.15	26.23	0.08	49.28
GMW-4	08/09/99	75.45	26.65	26.70	0.05	48.79
GMW-4	11/15/99	75.45	---	27.04	---	48.41
GMW-4	05/15/00	75.45	---	27.42	---	48.03
GMW-4	11/13/00	75.45	27.40	27.46	0.06	48.04
GMW-4	05/07/01	75.45	---	25.72	---	49.73
GMW-4	09/18/01	75.45	25.89	25.92	0.03	49.55
GMW-4	11/05/01	75.45	26.01	26.02	0.01	49.44
GMW-4	04/08/02	75.45	26.70	26.74	0.04	48.74
GMW-4	10/21/02	75.45	27.56	27.59	0.03	47.88
GMW-4	04/07/03	75.45	---	26.84	---	48.61
GMW-4	04/22/03	75.45	---	26.70	---	48.75
GMW-4	10/06/03	75.45	26.68	26.70	0.02	48.77
GMW-4	01/11/04	75.45	---	NM	---	NC
GMW-4	04/19/04	75.45	26.15	26.19	0.04	49.29
GMW-4	05/02/05	75.45	22.30	22.31	0.01	53.15
GMW-4	10/31/05	75.45	18.10	23.84	5.74	56.20
GMW-4	05/01/06	75.45	23.98	24.08	0.10	51.45
GMW-4	12/04/06	75.45	25.08	25.12	0.04	50.36
GMW-4	04/30/07	75.45	---	25.31	---	50.14
GMW-4	11/12/07	75.45	25.64	25.65	0.01	49.81
GMW-4	04/14/08	75.45	---	25.99	---	49.46
GMW-4	04/14/08	75.45	---	26.00	---	49.45
GMW-4	11/21/08	75.45	---	27.00	---	48.45
GMW-4	04/20/09	75.45	---	26.76	---	48.69
GMW-4	10/19/09	75.45	27.81	27.86	0.05	47.63
GMW-4	05/24/10	75.45	---	27.55	---	47.90
GMW-4	05/28/10	75.45	---	27.48	---	47.97
GMW-4	10/04/10	75.45	27.72	27.76	0.04	47.72
GMW-4	04/11/11	75.45	---	26.59	---	48.86
GMW-4	10/10/11	75.45	---	27.11	---	48.34
GMW-4	04/16/12	75.45	28.58	28.68	0.10	46.85

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-4	07/09/12	75.45	---	NM	---	NC
GMW-4	04/08/13	75.45	29.95	30.08	0.13	45.47
GMW-4	10/07/13	75.45	30.33	30.43	0.10	45.10
GMW-4	04/14/14	75.45	30.47	31.06	0.59	44.86
GMW-4	10/27/14	75.45	31.32	31.34	0.02	44.13
GMW-5	11/20/96	77.61	---	31.25	---	46.36
GMW-5	07/01/97	77.61	---	30.95	---	46.66
GMW-5	12/31/97	77.61	---	31.16	---	46.45
GMW-5	05/01/98	77.61	---	28.20	---	49.41
GMW-5	05/25/99	77.61	---	29.01	---	48.60
GMW-5	05/15/00	77.61	---	29.91	---	47.70
GMW-5	11/13/00	77.61	---	29.23	---	48.38
GMW-5	05/07/01	77.61	---	28.82	---	48.79
GMW-5	04/08/02	77.61	---	29.95	---	47.66
GMW-5	10/21/02	77.61	---	30.11	---	47.50
GMW-5	04/07/03	77.61	---	29.68	---	47.93
GMW-5	10/06/03	77.61	---	29.55	---	48.06
GMW-5	04/19/04	77.61	---	30.53	---	47.08
GMW-5	05/02/05	77.61	---	25.73	---	51.88
GMW-5	03/06/06	77.61	---	27.02	---	50.59
GMW-5	05/01/06	77.61	---	27.32	---	50.29
GMW-5	08/26/06	77.61	---	27.67	---	49.94
GMW-5	12/01/06	77.61	---	28.03	---	49.58
GMW-5	03/21/07	77.61	---	27.91	---	49.70
GMW-5	04/27/07	77.61	---	28.50	---	49.11
GMW-5	08/28/07	77.61	---	28.19	---	49.42
GMW-5	11/12/07	77.61	---	28.98	---	48.63
GMW-5	02/05/08	77.61	---	28.93	---	48.68
GMW-5	04/11/08	77.61	---	28.86	---	48.75
GMW-5	07/24/08	77.61	---	29.41	---	48.20
GMW-5	10/13/08	77.61	---	29.97	---	47.64
GMW-5	02/09/09	77.61	---	29.88	---	47.73
GMW-5	07/16/09	77.61	---	29.93	---	47.68
GMW-5	04/07/10	77.61	---	30.35	---	47.26
GMW-5	10/01/10	77.61	---	30.59	---	47.02
GMW-5	01/06/11	77.61	---	30.70	---	46.91
GMW-5	04/08/11	77.61	---	29.52	---	48.09
GMW-5	07/07/11	77.61	---	29.76	---	47.85
GMW-5	10/06/11	77.61	---	30.16	---	47.45
GMW-5	04/12/12	77.61	---	31.33	---	46.28
GMW-5	01/10/13	77.61	---	32.38	---	45.23
GMW-5	04/02/13	77.61	---	32.34	---	45.27
GMW-5	10/01/13	77.61	---	33.08	---	44.53
GMW-5	04/07/14	77.61	---	33.76	---	43.85
GMW-5	04/14/14	77.61	---	33.62	---	43.99
GMW-5	10/27/14	77.61	---	34.12	---	43.49
GMW-5	04/20/15	77.61	---	34.46	---	43.15
GMW-5	04/11/16	77.61	---	NM	---	NC
GMW-5	10/03/16	77.61	---	NM	---	NC
GMW-5	04/17/17	77.61	---	DRY	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-5	10/02/17	77.61	---	NM	---	NC
GMW-5	04/16/18	77.61	---	35.42	---	42.19
GMW-5	11/05/18	77.61	---	NM	---	NC
GMW-5	04/16/19	77.61	---	NM	---	NC
GMW-5	10/28/19	77.61	---	NM	---	NC
GMW-5	05/04/20	77.61	---	DRY	---	NC
GMW-5	11/02/20	77.61	---	NM	---	NC
GMW-5	05/03/21	77.61	---	DRY	---	DRY
GMW-6	11/20/96	77.31	---	30.76	---	46.55
GMW-6	07/01/97	77.31	---	30.12	---	47.19
GMW-6	12/31/97	77.31	---	30.52	---	46.79
GMW-6	05/01/98	77.31	---	27.48	---	49.83
GMW-6	05/25/99	77.31	---	28.44	---	48.87
GMW-6	05/15/00	77.31	---	29.34	---	47.97
GMW-6	11/13/00	77.31	---	28.67	---	48.64
GMW-6	05/07/01	77.31	---	28.05	---	49.26
GMW-6	04/08/02	77.31	---	29.35	---	47.96
GMW-6	10/21/02	77.31	---	29.90	---	47.41
GMW-6	04/07/03	77.31	---	29.20	---	48.11
GMW-6	10/06/03	77.31	---	29.04	---	48.27
GMW-6	04/19/04	77.31	---	29.97	---	47.34
GMW-6	11/01/04	77.31	---	29.90	---	47.41
GMW-6	05/02/05	77.31	---	24.97	---	52.34
GMW-6	03/06/06	77.31	---	26.54	---	50.77
GMW-6	05/01/06	77.31	---	26.75	---	50.56
GMW-6	08/26/06	77.31	---	27.12	---	50.19
GMW-6	12/01/06	77.31	---	27.52	---	49.79
GMW-6	03/21/07	77.31	---	28.06	---	49.25
GMW-6	04/27/07	77.31	---	28.02	---	49.29
GMW-6	08/28/07	77.31	---	28.51	---	48.80
GMW-6	11/12/07	77.31	---	28.48	---	48.83
GMW-6	02/05/08	77.31	---	29.32	---	47.99
GMW-6	04/11/08	77.31	---	28.34	---	48.97
GMW-6	07/24/08	77.31	---	28.81	---	48.50
GMW-6	10/13/08	77.31	---	29.48	---	47.83
GMW-6	02/09/09	77.31	---	29.62	---	47.69
GMW-6	04/20/09	77.31	---	29.21	---	48.10
GMW-6	07/16/09	77.31	---	29.51	---	47.80
GMW-6	10/19/09	77.31	---	29.94	---	47.37
GMW-6	04/07/10	77.31	---	29.74	---	47.57
GMW-6	04/12/10	77.31	---	29.42	---	47.89
GMW-6	01/06/11	77.31	---	30.23	---	47.08
GMW-6	02/24/11	77.31	---	29.29	---	48.02
GMW-6	04/08/11	77.31	---	28.86	---	48.45
GMW-6	07/07/11	77.31	---	29.16	---	48.15
GMW-6	10/06/11	77.31	---	29.62	---	47.69
GMW-6	04/12/12	77.31	---	30.86	---	46.45
GMW-6	04/19/12	77.31	---	30.57	---	46.74
GMW-6	01/10/13	77.31	---	31.96	---	45.35
GMW-6	04/02/13	77.31	---	31.91	---	45.40

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-6	04/08/13	77.31	---	31.91	---	45.40
GMW-6	10/01/13	77.31	---	32.66	---	44.65
GMW-6	04/07/14	77.31	---	33.33	---	43.98
GMW-6	04/14/14	77.31	---	33.18	---	44.13
GMW-6	10/27/14	77.31	---	33.65	---	43.66
GMW-6	04/20/15	77.31	---	33.95	---	43.36
GMW-6	04/12/16	77.31	---	35.25	---	42.06
GMW-6	10/03/16	77.31	---	35.63	---	41.68
GMW-6	04/17/17	77.31	---	34.91	---	42.40
GMW-6	10/02/17	77.31	---	35.56	---	41.75
GMW-6	04/16/18	77.31	---	36.17	---	41.14
GMW-6	11/05/18	77.31	---	36.79	---	40.52
GMW-6	04/16/19	77.31	---	35.89	---	41.42
GMW-6	10/28/19	77.31	---	36.33	---	40.98
GMW-6	05/04/20	77.31	---	36.14	---	41.17
GMW-6	11/02/20	77.31	---	36.39	---	40.92
GMW-6	05/03/21	77.31	---	36.85	---	40.46
GMW-7	07/01/97	75.84	28.30	31.57	3.27	46.89
GMW-7	12/31/97	75.84	28.30	32.10	3.80	46.78
GMW-7	05/01/98	75.84	20.80	25.90	5.10	54.02
GMW-7	05/25/99	75.84	26.18	30.37	4.19	48.82
GMW-7	05/15/00	75.84	---	30.13	---	45.71
GMW-7	11/13/00	75.84	---	29.17	---	46.67
GMW-7	05/07/01	75.84	26.45	27.40	0.95	49.20
GMW-7	04/08/02	75.84	---	28.77	---	47.07
GMW-7	09/19/02	75.84	---	28.73	---	47.11
GMW-7	10/21/02	75.84	---	28.05	---	47.79
GMW-7	04/07/03	75.84	27.77	28.15	0.38	47.99
GMW-7	10/06/03	75.84	27.60	27.78	0.18	48.20
GMW-7	04/19/04	75.84	29.05	29.17	0.12	46.77
GMW-7	11/01/04	75.84	27.76	28.01	0.25	48.03
GMW-7	02/28/05	75.84	---	24.65	---	51.19
GMW-7	05/02/05	75.84	---	23.90	---	51.94
GMW-7	03/06/06	75.84	---	25.40	---	50.44
GMW-7	05/01/06	75.84	---	25.30	---	50.54
GMW-7	08/26/06	75.84	---	25.66	---	50.18
GMW-7	12/01/06	75.84	---	25.98	---	49.86
GMW-7	03/21/07	75.84	---	26.58	---	49.26
GMW-7	04/30/07	75.84	---	26.49	---	49.35
GMW-7	08/28/07	75.84	---	26.92	---	48.92
GMW-7	11/12/07	75.84	---	27.08	---	48.76
GMW-7	02/05/08	75.84	---	27.61	---	48.23
GMW-7	04/14/08	75.84	---	26.70	---	49.14
GMW-7	10/14/08	75.84	27.76	27.79	0.03	48.07
GMW-7	02/10/09	75.84	---	26.23	---	49.61
GMW-7	07/17/09	75.84	---	27.65	---	48.19
GMW-7	04/08/10	75.84	---	28.90	---	46.94
GMW-7	10/01/10	75.84	---	28.54	---	47.30
GMW-7	01/08/11	75.84	---	28.62	---	47.22
GMW-7	04/12/12	75.84	---	29.28	---	46.56

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-7	10/02/13	75.84	31.28	31.41	0.13	44.53
GMW-7	04/07/14	75.84	32.01	32.05	0.04	43.82
GMW-7	04/16/14	75.84	31.88	31.92	0.04	43.95
GMW-7	10/27/14	75.84	32.20	32.22	0.02	43.64
GMW-7	04/20/15	75.84	---	32.59	---	43.25
GMW-7	04/11/16	75.84	---	33.99	---	41.85
GMW-7	10/03/16	75.84	---	34.36	---	41.48
GMW-7	04/19/17	75.84	34.28	34.30	0.02	41.56
GMW-7	10/03/17	76.87	---	35.13	---	41.74
GMW-7	04/16/18	76.87	---	35.92	---	40.95
GMW-7	11/05/18	76.87	---	36.58	---	40.29
GMW-7	04/22/19	76.87	---	34.74	---	42.13
GMW-7	10/30/19	76.87	---	36.20	---	40.67
GMW-7	05/05/20	76.87	---	35.58	---	41.29
GMW-7	11/02/20	75.84	---	35.89	---	40.98
GMW-7	05/04/21	76.87	---	36.30	---	40.57
GMW-8	11/20/96	73.20	---	26.72	---	46.48
GMW-8	07/01/97	73.20	---	28.07	---	45.13
GMW-8	12/31/97	73.20	---	26.85	---	46.35
GMW-8	05/01/98	73.20	---	24.24	---	48.96
GMW-8	05/04/99	73.20	---	25.51	---	47.69
GMW-8	11/15/99	73.20	---	25.66	---	47.54
GMW-8	05/15/00	73.20	---	26.03	---	47.17
GMW-8	11/13/00	73.20	---	26.45	---	46.75
GMW-8	05/07/01	73.20	---	24.49	---	48.71
GMW-8	11/05/01	73.20	---	24.38	---	48.82
GMW-8	04/08/02	73.20	---	25.49	---	47.71
GMW-8	10/21/02	73.20	---	26.43	---	46.77
GMW-8	04/07/03	73.20	---	24.93	---	48.27
GMW-8	10/06/03	73.20	---	25.72	---	47.48
GMW-8	01/11/04	73.20	---	26.95	---	46.25
GMW-8	04/19/04	73.20	---	27.00	---	46.20
GMW-8	05/02/05	73.20	---	21.74	---	51.46
GMW-8	10/31/05	73.20	---	27.13	---	46.07
GMW-8	05/01/06	73.20	---	22.59	---	50.61
GMW-8	12/04/06	73.20	---	23.34	---	49.86
GMW-8	04/30/07	73.20	---	23.46	---	49.74
GMW-8	11/12/07	73.20	---	23.83	---	49.37
GMW-8	04/14/08	73.20	---	24.29	---	48.91
GMW-8	10/13/08	73.20	---	24.43	---	48.77
GMW-8	04/20/09	73.20	---	24.88	---	48.32
GMW-8	10/19/09	73.20	---	25.69	---	47.51
GMW-8	05/24/10	73.20	---	25.98	---	47.22
GMW-8	05/28/10	73.20	---	25.87	---	47.33
GMW-8	10/04/10	73.20	---	25.80	---	47.40
GMW-8	04/11/11	73.20	---	NM	---	NC
GMW-8	10/10/11	73.20	---	NM	---	NC
GMW-8	04/16/12	73.20	---	NM	---	NC
GMW-8	07/09/12	73.20	---	NM	---	NC
GMW-8	10/15/12	73.20	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-8	04/08/13	73.20	---	NM	---	NC
GMW-8	06/14/13	73.20	---	29.02	---	44.18
GMW-8	10/07/13	73.20	---	NM	---	NC
GMW-8	04/14/14	73.20	---	29.60	---	43.60
GMW-8	10/27/14	73.20	---	29.96	---	43.24
GMW-8	04/20/15	73.20	---	30.43	---	42.77
GMW-8	10/19/15	73.20	---	31.13	---	42.07
GMW-8	04/11/16	73.20	---	32.20	---	41.00
GMW-8	10/03/16	73.20	---	33.47	---	39.73
GMW-8	10/03/16	73.20	---	33.47	---	39.73
GMW-8	04/17/17	73.20	---	30.74	---	42.46
GMW-8	10/02/17	73.20	---	33.40	---	39.80
GMW-8	11/05/18	73.20	---	33.95	---	39.25
GMW-8	04/16/19	73.20	---	27.98	---	45.22
GMW-8	10/28/19	73.20	---	33.87	---	39.33
GMW-8	05/04/20	73.20	---	32.23	---	40.97
GMW-8	11/02/20	73.20	---	32.32	---	40.88
GMW-8	05/03/21	73.20	---	32.94	---	40.26
GMW-9	08/07/01	74.44	27.23	27.74	0.51	47.10
GMW-9	10/21/02	74.44	28.95	28.97	0.02	45.49
GMW-9	04/07/03	74.44	29.56	29.59	0.02	44.87
GMW-9	10/06/03	74.44	28.14	28.30	0.16	46.26
GMW-9	01/11/04	74.44	---	NM	---	NC
GMW-9	04/19/04	74.44	---	28.71	---	45.73
GMW-9	05/02/05	74.44	---	24.72	---	49.72
GMW-9	10/31/05	74.44	25.31	25.56	0.25	49.07
GMW-9	05/01/06	74.44	25.65	25.86	0.21	48.74
GMW-9	12/04/06	74.44	27.79	27.88	0.90	47.26
GMW-9	04/30/07	74.44	---	26.71	---	47.73
GMW-9	11/12/07	74.44	27.04	27.32	0.28	47.34
GMW-9	08/08/08	74.44	27.96	28.01	0.05	46.47
GMW-9	10/16/08	74.44	28.35	28.36	0.01	46.09
GMW-9	12/17/08	74.44	---	27.61	---	46.83
GMW-9	01/15/09	74.44	---	28.91	---	45.53
GMW-9	03/27/09	74.44	---	29.04	---	45.40
GMW-9	04/21/09	74.44	---	28.16	---	46.28
GMW-9	07/21/09	74.44	---	28.31	---	46.13
GMW-9	10/19/09	74.44	---	NM	---	NC
GMW-9	05/24/10	74.44	---	30.47	---	43.97
GMW-9	05/28/10	74.44	---	30.35	---	44.09
GMW-9	10/04/10	74.44	---	30.30	---	44.14
GMW-9	01/10/11	74.44	---	32.02	---	42.42
GMW-9	04/11/11	74.44	---	25.41	---	49.03
GMW-9	07/11/11	74.44	---	NM	---	NC
GMW-9	10/10/11	74.44	---	28.91	---	45.53
GMW-9	04/16/12	74.44	---	31.15	---	43.29
GMW-9	07/09/12	---	---	31.64	---	NC
GMW-9	10/15/12	77.16	---	31.82	---	45.34
GMW-9	01/14/13	77.16	---	31.88	---	45.28
GMW-9	04/08/13	77.16	---	31.83	---	45.33

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-9	10/07/13	77.16	31.25	35.30	4.05	45.02
GMW-9	04/14/14	77.16	31.65	37.66	6.01	44.19
GMW-9	05/05/14	77.16	31.76	37.81	6.05	44.07
GMW-9	05/12/14	77.16	31.83	37.39	5.56	44.11
GMW-9	05/20/14	77.16	33.85	37.70	3.85	42.46
GMW-9	05/27/14	77.16	28.84	32.41	3.57	47.53
GMW-9	06/04/14	77.16	---	33.20	---	43.96
GMW-9	06/10/14	77.16	32.77	37.51	4.74	43.35
GMW-9	07/03/14	77.16	32.59	39.26	6.67	43.10
GMW-9	07/08/14	77.16	32.45	38.59	6.14	43.36
GMW-9	07/18/14	77.16	32.73	37.15	4.42	43.46
GMW-9	07/24/14	77.16	32.48	37.78	5.30	43.51
GMW-9	08/01/14	77.16	32.30	36.72	4.42	43.89
GMW-9	08/08/14	77.16	32.26	36.55	4.29	43.96
GMW-9	08/13/14	77.16	32.33	36.25	3.92	43.97
GMW-9	08/19/14	77.16	32.38	36.04	3.66	43.97
GMW-9	08/29/14	77.16	32.33	36.23	3.90	43.97
GMW-9	09/05/14	77.16	32.35	36.26	3.91	43.95
GMW-9	09/11/14	77.16	32.33	36.27	3.94	43.96
GMW-9	09/18/14	77.16	32.37	36.42	4.05	43.90
GMW-9	09/26/14	77.16	32.35	36.39	4.04	43.92
GMW-9	10/01/14	77.16	32.42	36.11	3.69	43.93
GMW-9	10/06/14	77.16	32.42	35.99	3.57	43.95
GMW-9	10/14/14	77.16	32.34	36.24	3.90	43.96
GMW-9	10/23/14	77.16	32.35	36.32	3.97	43.94
GMW-9	10/27/14	77.16	32.42	36.04	3.62	43.94
GMW-9	11/03/14	77.16	32.35	36.40	4.05	43.92
GMW-9	11/10/14	77.16	32.41	36.32	3.91	43.89
GMW-9	11/18/14	77.16	32.43	36.28	3.85	43.88
GMW-9	11/25/14	77.16	32.49	36.21	3.72	43.85
GMW-9	12/03/14	77.16	32.43	36.18	3.75	43.90
GMW-9	12/12/14	77.16	32.74	36.58	3.84	43.58
GMW-9	12/19/14	77.16	32.76	37.05	4.29	43.46
GMW-9	03/06/15	77.16	33.13	39.40	6.27	42.65
GMW-9	04/20/15	77.16	32.99	36.98	3.99	43.29
GMW-9	10/20/15	77.16	34.37	34.61	0.24	42.74
GMW-9	03/14/16	77.16	---	36.10	---	41.06
GMW-9	04/11/16	77.16	---	36.20	---	40.96
GMW-9	06/30/16	77.16	---	31.02	---	46.14
GMW-9	08/22/16	77.16	---	37.27	---	39.89
GMW-9	10/03/16	77.16	---	38.02	---	39.14
GMW-9	10/03/16	77.16	---	38.02	---	39.14
GMW-9	04/20/17	77.16	---	33.32	---	43.84
GMW-9	10/02/17	77.16	---	38.43	---	38.73
GMW-9	11/05/18	77.16	---	37.84	---	39.32
GMW-9	04/23/19	77.16	---	29.72	---	NC
GMW-9	10/28/19	77.16	---	37.90	---	39.26
GMW-9	05/04/20	77.16	---	35.37	---	41.79
GMW-9	11/02/20	77.16	---	35.90	---	41.26
GMW-9	05/03/21	77.16	---	36.50	---	40.66

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-10	10/21/02	74.67	---	33.71	---	40.96
GMW-10	11/04/02	74.67	26.25	34.00	7.75	46.99
GMW-10	04/07/03	74.67	26.47	26.47	0.23	48.39
GMW-10	10/06/03	72.90	26.51	26.72	0.21	46.35
GMW-10	01/11/04	74.67	---	NM	---	NC
GMW-10	04/19/04	74.67	---	28.42	---	46.25
GMW-10	05/02/05	74.67	21.16	27.53	6.37	52.33
GMW-10	10/31/05	74.67	26.03	26.10	0.07	48.63
GMW-10	05/01/06	74.67	23.65	24.18	0.53	50.92
GMW-10	12/04/06	74.67	24.38	25.55	1.17	50.07
GMW-10	04/30/07	74.67	---	25.90	---	48.77
GMW-10	11/12/07	74.67	25.82	25.02	0.83	50.33
GMW-10	04/14/08	74.67	25.44	25.38	0.06	49.34
GMW-10	10/13/08	74.67	---	24.16	---	50.51
GMW-10	04/20/09	74.67	---	24.46	---	50.21
GMW-10	10/19/09	74.67	---	27.20	---	47.47
GMW-10	05/24/10	74.67	---	26.72	---	47.95
GMW-10	05/28/10	74.67	---	26.70	---	47.97
GMW-10	10/04/10	74.67	---	27.15	---	47.52
GMW-10	04/11/11	74.67	---	25.21	---	49.46
GMW-10	10/10/11	74.67	---	27.75	---	46.92
GMW-10	04/27/12	74.67	---	28.47	---	46.20
GMW-10	07/09/12	74.67	---	NM	---	NC
GMW-10	10/15/12	74.67	29.02	29.15	0.13	45.63
GMW-10	04/08/13	74.67	28.12	33.64	5.52	45.53
GMW-10	09/26/13	73.35	29.25	36.15	6.90	42.82
GMW-10	10/07/13	73.35	29.32	31.85	2.53	43.56
GMW-10	04/14/14	73.35	29.01	29.43	0.42	44.26
GMW-10	08/19/14	73.35	29.53	29.80	0.27	43.77
GMW-10	08/29/14	73.35	29.25	29.68	0.43	44.02
GMW-10	09/26/14	73.35	29.23	29.98	0.75	43.98
GMW-10	10/01/14	73.35	29.19	29.98	0.79	44.01
GMW-10	10/06/14	73.35	29.16	30.01	0.85	44.03
GMW-10	10/14/14	73.35	29.18	30.01	0.83	44.02
GMW-10	10/23/14	73.35	29.15	30.17	1.02	44.01
GMW-10	10/27/14	73.35	29.12	30.19	1.07	44.03
GMW-10	11/03/14	73.35	29.13	30.25	1.12	44.01
GMW-10	11/10/14	73.35	29.28	29.85	0.57	43.96
GMW-10	11/18/14	73.35	29.28	29.95	0.67	43.95
GMW-10	11/25/14	73.35	29.27	30.00	0.73	43.94
GMW-10	12/03/14	73.35	29.27	30.18	0.91	43.91
GMW-10	12/12/14	73.35	29.45	30.81	1.36	43.65
GMW-10	12/19/14	73.35	30.35	30.51	0.16	42.97
GMW-10	04/20/15	73.35	28.42	34.99	6.57	43.71
GMW-10	07/17/15	73.35	29.41	36.10	6.69	42.70
GMW-10	10/20/15	73.35	31.02	32.96	1.94	41.97
GMW-10	03/16/16	73.35	33.42	34.47	1.05	39.74
GMW-10	04/11/16	73.35	32.10	33.70	1.60	40.95
GMW-10	06/29/16	73.35	---	33.02	---	40.33
GMW-10	08/22/16	73.35	32.93	33.82	0.89	40.26

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-10	10/03/16	73.35	33.65	35.10	1.45	39.43
GMW-10	10/03/16	73.35	33.65	35.10	1.45	NC
GMW-10	04/20/17	73.35	---	31.15	---	42.20
GMW-10	10/02/17	73.36	---	33.48	---	39.88
GMW-10	11/05/18	73.35	34.14	34.16	0.02	39.21
GMW-10	04/16/19	73.35	---	30.55	---	42.80
GMW-10	10/28/19	73.35	---	34.12	---	NC
GMW-10	05/04/20	73.35	---	31.44	---	41.91
GMW-10	11/02/20	73.35	---	32.00	---	41.35
GMW-10	02/24/21	73.35	---	32.75	---	40.60
GMW-10	05/03/21	73.36	---	32.54	---	40.82
GMW-11	11/20/96	72.90	---	26.35	---	46.55
GMW-11	07/01/97	72.90	---	26.17	---	46.73
GMW-11	12/31/97	72.90	---	26.73	---	46.17
GMW-11	05/01/98	72.90	---	23.37	---	49.53
GMW-11	05/04/99	72.90	---	24.46	---	48.44
GMW-11	11/15/99	72.90	---	25.11	---	47.79
GMW-11	05/15/00	72.90	---	24.96	---	47.94
GMW-11	11/13/00	72.90	---	25.64	---	47.26
GMW-11	05/07/01	72.90	---	23.81	---	49.09
GMW-11	08/07/01	72.90	25.21	27.21	2.00	47.29
GMW-11	11/05/01	72.90	---	23.79	---	49.11
GMW-11	04/08/02	72.90	---	25.62	---	47.28
GMW-11	10/21/02	72.90	---	25.38	---	47.52
GMW-11	04/07/03	72.90	---	24.37	---	48.53
GMW-11	10/06/03	72.90	---	24.67	---	48.23
GMW-11	01/11/04	72.90	---	NM	---	NC
GMW-11	04/19/04	72.90	---	25.16	---	47.74
GMW-11	05/02/05	72.90	---	NM	---	NC
GMW-11	05/02/05	72.90	---	NM	---	NC
GMW-11	10/31/05	72.90	---	23.10	---	49.80
GMW-11	05/01/06	72.90	---	22.26	---	50.64
GMW-11	05/09/06	72.90	---	22.09	---	50.81
GMW-11	12/01/06	72.90	---	23.20	---	49.70
GMW-11	04/30/07	72.90	---	23.32	---	49.58
GMW-11	04/30/07	72.90	---	23.26	---	49.64
GMW-11	11/12/07	72.90	---	NM	---	NC
GMW-11	04/14/08	72.90	---	23.75	---	49.15
GMW-11	04/14/08	72.90	---	23.77	---	49.13
GMW-11	10/13/08	72.90	---	24.62	---	48.28
GMW-11	10/14/08	72.90	---	24.82	---	48.08
GMW-11	04/20/09	72.90	---	24.65	---	48.25
GMW-11	10/19/09	72.90	---	25.69	---	47.21
GMW-11	05/24/10	72.90	---	25.45	---	47.45
GMW-11	05/28/10	72.90	---	25.39	---	47.51
GMW-11	10/04/10	72.90	---	25.48	---	47.42
GMW-11	04/11/11	72.90	---	24.14	---	48.76
GMW-11	10/10/11	72.90	---	24.98	---	47.92
GMW-11	04/16/12	72.90	---	26.03	---	46.87
GMW-11	07/09/12	72.90	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-11	10/15/12	72.90	---	27.05	---	45.85
GMW-11	04/08/13	72.90	---	27.92	---	44.98
GMW-11	04/15/16	72.90	---	31.67	---	41.23
GMW-11	04/17/17	72.90	---	30.29	---	42.61
GMW-11	10/02/17	72.90	---	32.89	---	40.01
GMW-11	11/05/18	72.90	---	NM	---	NC
GMW-11	04/16/19	72.90	---	NM	---	NC
GMW-12	11/20/96	75.21	---	28.25	---	46.96
GMW-12	07/01/97	75.21	---	27.65	---	47.56
GMW-12	12/31/97	75.21	---	28.05	---	47.16
GMW-12	05/01/98	75.21	---	25.06	---	50.15
GMW-12	05/25/99	75.21	---	26.17	---	49.04
GMW-12	05/15/00	75.21	---	26.81	---	48.40
GMW-12	11/13/00	75.21	---	27.40	---	47.81
GMW-12	05/07/01	75.21	---	25.65	---	49.56
GMW-12	08/07/01	75.21	25.74	26.15	0.41	49.39
GMW-12	04/08/02	75.21	---	26.89	---	48.32
GMW-12	10/21/02	75.21	---	27.40	---	47.81
GMW-12	04/07/03	75.21	---	26.60	---	48.61
GMW-12	04/07/03	75.21	---	26.60	---	48.61
GMW-12	10/06/03	75.21	---	26.45	---	48.76
GMW-12	04/19/04	75.21	---	27.54	---	47.67
GMW-12	11/01/04	75.21	---	27.76	---	47.45
GMW-12	05/02/05	75.21	---	21.20	---	54.01
GMW-12	05/01/06	75.21	---	24.03	---	51.18
GMW-12	12/04/06	75.21	---	25.03	---	50.18
GMW-12	04/30/07	75.21	---	25.51	---	49.70
GMW-12	11/12/07	75.21	---	25.46	---	49.75
GMW-12	04/14/08	75.21	---	25.72	---	49.49
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-12	04/11/16	75.21	---	NM	---	NC
GMW-12	10/03/16	75.21	---	34.45	---	40.76
GMW-12	04/20/17	75.21	---	32.40	---	42.81
GMW-12	10/03/17	75.21	---	34.32	---	40.89
GMW-12	04/16/18	75.21	---	34.64	---	40.57
GMW-12	11/05/18	75.21	---	35.17	---	40.04
GMW-12	04/19/19	75.21	---	32.94	---	42.27
GMW-12	10/28/19	75.21	---	34.59	---	40.62
GMW-12	05/05/20	75.21	---	33.44	---	41.77
GMW-12	10/19/20	75.21	---	33.94	---	41.27
GMW-12	11/02/20	75.21	---	33.94	---	41.27
GMW-12	05/03/21	75.21	---	34.48	---	40.73
GMW-13	11/20/96	74.17	---	26.89	---	47.28
GMW-13	07/01/97	74.17	---	25.92	---	48.25
GMW-13	12/31/97	74.17	---	25.58	---	48.59
GMW-13	05/01/98	74.17	---	23.10	---	51.07
GMW-13	05/04/99	74.17	---	24.75	---	49.42
GMW-13	11/15/99	74.17	---	25.65	---	48.52
GMW-13	05/15/00	74.17	---	25.38	---	48.79
GMW-13	11/13/00	74.17	---	26.02	---	48.15
GMW-13	05/07/01	74.17	---	24.28	---	49.89
GMW-13	11/05/01	74.17	---	24.67	---	49.50
GMW-13	02/01/02	74.17	---	24.65	---	49.52
GMW-13	04/08/02	74.17	---	25.40	---	48.77
GMW-13	10/21/02	74.17	---	26.15	---	48.02
GMW-13	04/07/03	74.17	---	25.32	---	48.85
GMW-13	10/06/03	74.17	---	25.13	---	49.04
GMW-13	01/11/04	74.17	---	26.58	---	47.59
GMW-13	04/19/04	74.17	---	26.96	---	47.21
GMW-13	05/02/05	74.17	---	20.54	---	53.63
GMW-13	10/31/05	74.17	---	22.32	---	51.85
GMW-13	05/01/06	74.17	---	22.82	---	51.35
GMW-13	12/04/06	74.17	---	23.75	---	50.42
GMW-13	04/30/07	74.17	---	24.10	---	50.07
GMW-13	11/12/07	74.17	---	24.89	---	49.28
GMW-13	04/14/08	74.17	---	24.60	---	49.57
GMW-13	10/13/08	74.17	---	26.27	---	47.90
GMW-13	04/20/09	74.17	---	25.41	---	48.76
GMW-13	10/19/09	74.17	---	26.45	---	47.72
GMW-13	05/24/10	74.17	---	25.86	---	48.31
GMW-13	05/28/10	74.17	---	25.63	---	48.54
GMW-13	10/04/10	74.17	---	26.41	---	47.76
GMW-13	04/11/11	74.17	---	25.23	---	48.94
GMW-13	10/10/11	74.17	---	25.92	---	48.25
GMW-13	04/16/12	74.17	---	27.09	---	47.08
GMW-13	07/09/12	74.17	---	NM	---	NC
GMW-13	10/15/12	74.17	---	27.89	---	46.28
GMW-13	04/08/13	74.17	---	28.67	---	45.50
GMW-13	10/07/13	74.17	---	29.65	---	44.52
GMW-13	04/14/14	74.17	---	29.66	---	44.51

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-13	10/27/14	74.17	---	30.02	---	44.15
GMW-13	04/20/15	74.17	---	30.39	---	43.78
GMW-13	10/19/15	74.17	---	31.16	---	43.01
GMW-13	04/11/16	74.17	---	32.13	---	42.04
GMW-13	10/03/16	74.17	---	33.20	---	40.97
GMW-13	10/03/16	74.17	---	33.20	---	40.97
GMW-13	04/17/17	74.17	---	30.92	---	43.25
GMW-13	10/02/17	74.17	---	33.86	---	40.31
GMW-13	11/05/18	74.17	---	34.01	---	40.16
GMW-13	04/16/19	74.17	---	31.92	---	42.25
GMW-13	10/28/19	74.17	---	33.42	---	40.75
GMW-13	05/04/20	74.17	---	32.03	---	42.14
GMW-13	11/02/20	74.17	---	31.85	---	42.32
GMW-13	05/03/21	74.17	---	33.18	---	40.99
GMW-14	05/04/99	74.72	---	25.37	---	49.35
GMW-14	08/09/99	74.72	---	25.95	---	48.77
GMW-14	11/15/99	74.72	---	26.27	---	48.45
GMW-14	05/15/00	74.72	---	26.02	---	48.70
GMW-14	11/13/00	74.72	---	26.67	---	48.05
GMW-14	05/07/01	74.72	---	24.92	---	49.80
GMW-14	11/05/01	74.72	---	25.28	---	49.44
GMW-14	04/08/02	74.72	---	26.00	---	48.72
GMW-14	10/21/02	74.72	---	26.79	---	47.93
GMW-14	04/07/03	74.72	---	25.25	---	49.47
GMW-14	10/06/03	74.72	---	25.91	---	48.81
GMW-14	01/11/04	74.72	---	27.21	---	47.51
GMW-14	04/19/04	74.72	---	28.69	---	46.03
GMW-14	05/02/05	74.72	---	21.29	---	53.43
GMW-14	10/31/05	74.72	---	22.96	---	51.76
GMW-14	05/01/06	74.72	---	23.44	---	51.28
GMW-14	12/04/06	74.72	---	24.39	---	50.33
GMW-14	04/30/07	74.72	---	24.61	---	50.11
GMW-14	11/12/07	74.72	---	24.55	---	50.17
GMW-14	04/14/08	74.72	---	28.15	---	46.57
GMW-14	10/13/08	74.72	---	27.23	---	47.49
GMW-14	04/20/09	74.72	---	25.97	---	48.75
GMW-14	10/19/09	74.72	---	27.31	---	47.41
GMW-14	05/24/10	74.72	---	NM	---	NC
GMW-14	05/28/10	74.72	---	NM	---	NC
GMW-14	10/04/10	74.72	---	26.99	---	47.73
GMW-14	04/11/11	74.72	---	25.88	---	48.84
GMW-14	10/10/11	74.72	---	26.71	---	48.01
GMW-14	04/16/12	74.72	---	27.98	---	46.74
GMW-14	07/09/12	74.72	---	NM	---	NC
GMW-14	10/15/12	74.72	---	28.91	---	45.81
GMW-14	04/08/13	74.72	---	29.20	---	45.52
GMW-14	10/07/13	74.72	---	30.15	---	44.57
GMW-14	04/14/14	74.72	---	30.25	---	44.47
GMW-14	10/27/14	74.72	---	30.63	---	44.09
GMW-14R	04/17/17	78.77	---	35.32	---	43.45

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-14R	10/02/17	75.30	---	34.40	---	40.90
GMW-14R	04/16/18	75.30	---	34.74	---	40.56
GMW-14R	11/05/18	75.30	---	35.28	---	40.02
GMW-14R	04/16/19	75.30	---	33.24	---	42.06
GMW-14R	10/28/19	75.30	---	34.98	---	40.32
GMW-14R	05/04/20	75.30	---	32.60	---	42.70
GMW-14R	11/02/20	75.30	---	33.18	---	42.12
GMW-14R	05/03/21	75.30	---	34.54	---	40.76
GMW-15	11/20/96	76.21	---	29.70	---	46.51
GMW-15	07/01/97	76.21	---	29.39	---	46.82
GMW-15	12/31/97	76.21	---	29.40	---	46.81
GMW-15	05/01/98	76.21	---	26.71	---	49.50
GMW-15	05/25/99	76.21	---	27.51	---	48.70
GMW-15	11/15/99	76.21	---	NM	---	NC
GMW-15	05/15/00	76.21	---	28.39	---	47.82
GMW-15	05/15/00	76.21	---	22.59	---	53.62
GMW-15	11/13/00	76.21	---	27.75	---	48.46
GMW-15	11/13/00	76.21	---	28.80	---	47.41
GMW-15	05/07/01	76.21	---	26.60	---	49.61
GMW-15	05/07/01	76.21	---	27.02	---	49.19
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-15	04/19/12	76.21	---	29.45	---	46.76
GMW-15	01/10/13	76.21	---	30.88	---	45.33
GMW-15	04/02/13	76.21	---	30.82	---	45.39
GMW-15	04/08/13	76.21	---	30.78	---	45.43
GMW-15	10/01/13	76.21	---	31.60	---	44.61
GMW-15	04/07/14	76.21	---	32.30	---	43.91
GMW-15	04/15/14	76.21	---	32.02	---	44.19
GMW-15	10/27/14	76.21	---	32.58	---	43.63
GMW-15	04/22/15	76.21	---	32.92	---	43.29
GMW-15	04/11/16	76.21	---	35.19	---	41.02
GMW-15	10/03/16	76.21	---	34.51	---	41.70
GMW-15	04/19/17	76.21	---	33.75	---	42.46
GMW-15	10/02/17	76.21	---	34.45	---	41.76
GMW-15	04/16/18	76.21	---	34.98	---	41.23
GMW-15	11/05/18	76.21	---	35.72	---	40.49
GMW-15	04/22/19	76.21	---	34.33	---	41.88
GMW-15	10/29/19	76.21	---	35.41	---	40.80
GMW-15	05/05/20	76.21	---	35.42	---	40.79
GMW-15	10/19/20	76.21	---	35.34	---	40.87
GMW-15	11/02/20	76.21	---	35.34	---	40.87
GMW-15	05/04/21	76.21	---	35.98	---	40.23
GMW-16	11/20/96	77.00	---	30.60	---	46.40
GMW-16	07/01/97	77.00	---	31.61	---	45.39
GMW-16	12/31/97	77.00	---	30.60	---	46.40
GMW-16	05/01/98	77.00	---	27.73	---	49.27
GMW-16	05/25/99	77.00	---	28.46	---	48.54
GMW-16	05/15/00	77.00	---	29.50	---	47.50
GMW-16	11/13/00	77.00	---	28.67	---	48.33
GMW-16	05/07/01	77.00	---	28.38	---	48.62
GMW-16	04/08/02	77.00	---	29.42	---	47.58
GMW-16	10/21/02	77.00	---	29.15	---	47.85
GMW-16	04/07/03	77.00	---	29.20	---	47.80
GMW-16	10/06/03	77.00	---	28.92	---	48.08
GMW-16	04/19/04	77.00	---	30.03	---	46.97
GMW-16	11/05/04	77.00	---	29.53	---	47.47
GMW-16	05/02/05	77.00	---	25.05	---	51.95
GMW-16	03/06/06	77.00	---	26.35	---	50.65
GMW-16	05/01/06	77.00	---	26.65	---	50.35
GMW-16	08/26/06	77.00	---	26.98	---	50.02
GMW-16	12/01/06	77.00	---	27.31	---	49.69
GMW-16	03/21/07	77.00	---	27.51	---	49.49
GMW-16	04/27/07	77.00	---	27.72	---	49.28
GMW-16	08/28/07	77.00	---	27.99	---	49.01
GMW-16	11/12/07	77.00	---	28.33	---	48.67
GMW-16	02/05/08	77.00	---	28.68	---	48.32
GMW-16	04/11/08	77.00	---	28.13	---	48.87
GMW-16	07/24/08	77.00	---	28.56	---	48.44
GMW-16	10/13/08	77.00	---	29.21	---	47.79
GMW-16	02/09/09	77.00	---	29.18	---	47.82
GMW-16	04/20/09	77.00	---	30.50	---	46.50

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-16	07/16/09	77.00	---	29.52	---	47.48
GMW-16	10/19/09	77.00	---	30.24	---	46.76
GMW-16	04/07/10	77.00	---	29.68	---	47.32
GMW-16	04/12/10	77.00	---	29.38	---	47.62
GMW-16	01/08/11	77.00	---	26.47	---	50.53
GMW-16	07/07/11	77.00	---	29.04	---	47.96
GMW-16	10/06/11	77.00	---	29.48	---	47.52
GMW-16	04/12/12	77.00	---	30.53	---	46.47
GMW-16	04/18/12	77.00	---	30.29	---	46.71
GMW-16	01/11/13	77.00	---	31.68	---	45.32
GMW-16	04/02/13	77.00	---	31.66	---	45.34
GMW-16	04/08/13	77.00	---	31.65	---	45.35
GMW-16	10/02/13	77.00	---	32.35	---	44.65
GMW-16	04/09/14	77.00	---	33.03	---	43.97
GMW-16	04/14/14	77.00	---	32.95	---	44.05
GMW-16	10/27/14	77.00	---	33.43	---	43.57
GMW-16	04/22/15	77.00	---	33.22	---	43.78
GMW-16	04/11/16	77.00	---	NM	---	NC
GMW-16	10/03/16	77.00	---	NM	---	NC
GMW-16	04/17/17	77.00	---	34.15	---	42.85
GMW-16	10/02/17	77.00	---	36.05	---	40.95
GMW-16	04/16/18	77.00	---	36.58	---	40.42
GMW-16	11/05/18	77.00	---	37.15	---	39.85
GMW-16	04/18/19	77.00	---	35.84	---	41.16
GMW-16	10/29/19	77.00	---	36.97	---	40.03
GMW-16	05/05/20	77.00	---	36.65	---	40.35
GMW-16	11/02/20	77.00	---	36.97	---	40.03
GMW-16	05/03/21	77.00	---	37.37	---	39.63
GMW-17	11/20/96	74.66	27.27	31.79	4.52	46.49
GMW-17	07/01/97	74.66	27.38	32.71	5.33	46.21
GMW-17	12/31/97	74.66	26.92	32.74	5.82	46.58
GMW-17	05/01/98	74.66	25.04	25.19	0.15	49.59
GMW-17	05/25/99	74.66	---	27.06	---	47.60
GMW-17	05/15/00	74.66	25.13	25.18	0.05	49.52
GMW-17	11/13/00	74.66	---	26.52	---	48.14
GMW-17	05/07/01	74.66	---	25.32	---	49.34
GMW-17	04/08/02	74.66	---	26.70	---	47.96
GMW-17	09/19/02	74.66	27.70	27.89	0.19	46.92
GMW-17	10/21/02	74.66	---	27.67	---	46.99
GMW-17	04/07/03	74.66	---	26.60	---	48.06
GMW-17	10/06/03	74.66	---	26.60	---	48.06
GMW-17	04/19/04	74.66	---	25.58	---	49.08
GMW-17	11/01/04	74.66	---	27.51	---	47.15
GMW-17	02/28/05	74.66	---	22.85	---	51.81
GMW-17	05/02/05	74.66	---	21.23	---	53.43
GMW-17	03/06/06	74.66	---	23.76	---	50.90
GMW-17	05/01/06	74.66	---	23.75	---	50.91
GMW-17	08/26/06	74.66	---	24.36	---	50.30
GMW-17	12/01/06	74.66	---	24.86	---	49.80
GMW-17	03/21/07	74.66	---	25.04	---	49.62

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-17	04/30/07	74.66	---	25.23	---	49.43
GMW-17	08/28/07	74.66	---	25.42	---	49.24
GMW-17	11/12/07	74.66	---	25.63	---	49.03
GMW-17	02/05/08	74.66	---	26.25	---	48.41
GMW-17	04/11/08	74.66	---	25.10	---	49.56
GMW-17	07/24/08	74.66	---	25.91	---	48.75
GMW-17	10/14/08	74.66	---	26.35	---	48.31
GMW-17	02/10/09	74.66	---	27.05	---	47.61
GMW-17	04/20/09	74.66	---	26.00	---	48.66
GMW-17	07/16/09	74.66	---	27.15	---	47.51
GMW-17	10/19/09	74.66	---	27.51	---	47.15
GMW-17	04/08/10	74.66	---	25.92	---	48.74
GMW-17	04/12/10	74.66	---	25.83	---	48.83
GMW-17	01/08/11	74.66	---	NM	---	NC
GMW-17	04/08/11	74.66	---	24.04	---	50.62
GMW-17	07/08/11	74.66	---	25.50	---	49.16
GMW-17	10/06/11	74.66	---	26.20	---	48.46
GMW-17	04/12/12	74.66	---	27.94	---	46.72
GMW-17	04/20/12	74.66	---	27.77	---	46.89
GMW-17	01/11/13	74.66	---	29.50	---	45.16
GMW-17	04/03/13	74.66	---	29.38	---	45.28
GMW-17	04/08/13	74.66	---	29.34	---	45.32
GMW-17	10/02/13	74.66	---	30.11	---	44.55
GMW-17	04/09/14	74.66	---	30.83	---	43.83
GMW-17	04/17/14	74.66	---	30.72	---	43.94
GMW-17	10/27/14	74.66	---	31.03	---	43.63
GMW-17	11/02/20	74.66	---	36.95	---	40.84
GMW-17R	10/03/17	77.79	---	36.77	---	41.02
GMW-17R	04/16/18	77.79	---	37.08	---	40.71
GMW-17R	11/05/18	77.79	---	37.53	---	40.26
GMW-17R	04/19/19	---	---	NM	---	NC
GMW-17R	10/28/19	77.79	---	37.97	---	39.82
GMW-17R	05/04/20	77.79	---	36.26	---	41.53
GMW-17R	05/03/21	77.79	---	37.38	---	40.41
GMW-18	11/20/96	75.36	28.40	32.50	4.10	46.14
GMW-18	07/01/97	75.36	27.70	31.50	3.80	46.90
GMW-18	12/31/97	75.36	28.01	32.08	4.07	46.54
GMW-18	05/01/98	75.36	18.61	24.64	6.03	55.54
GMW-18	05/25/99	75.36	25.77	29.48	3.71	48.85
GMW-18	05/15/00	75.36	26.28	30.35	4.07	48.27
GMW-18	11/18/00	75.36	---	28.77	---	46.59
GMW-18	05/07/01	75.36	24.80	29.70	4.90	49.58
GMW-18	04/08/02	75.36	---	27.74	---	47.62
GMW-18	09/19/02	75.36	27.97	28.02	0.05	47.38
GMW-18	10/21/02	75.36	---	28.74	---	46.62
GMW-18	04/07/03	75.36	---	27.06	---	48.30
GMW-18	10/06/03	75.36	26.66	27.40	0.74	48.55
GMW-18	04/19/04	75.36	---	27.33	---	48.03
GMW-18	11/01/04	75.36	27.27	27.44	0.17	48.06
GMW-18	02/28/05	75.36	23.85	23.87	0.02	51.51

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-18	05/02/05	75.36	---	22.40	---	52.96
GMW-18	03/06/06	75.36	---	24.21	---	51.15
GMW-18	05/01/06	75.36	---	24.50	---	50.86
GMW-18	08/26/06	75.36	---	24.91	---	50.45
GMW-18	12/01/06	75.36	---	25.20	---	50.16
GMW-18	03/21/07	75.36	---	25.18	---	50.18
GMW-18	04/30/07	75.36	---	25.72	---	49.64
GMW-18	08/28/07	75.36	---	25.62	---	49.74
GMW-18	11/12/07	75.36	---	26.29	---	49.07
GMW-18	02/05/08	75.36	---	26.73	---	48.63
GMW-18	04/14/08	75.36	---	25.91	---	49.45
GMW-18	10/14/08	75.36	---	27.00	---	48.36
GMW-18	02/10/09	75.36	---	26.50	---	48.86
GMW-18	04/20/09	75.36	---	26.80	---	48.56
GMW-18	07/17/09	75.36	---	27.41	---	47.95
GMW-18	10/19/09	75.36	---	27.91	---	47.45
GMW-18	04/08/10	75.36	---	27.30	---	48.06
GMW-18	04/12/10	75.36	---	27.44	---	47.92
GMW-18	10/01/10	75.36	---	27.80	---	47.56
GMW-18	01/08/11	75.36	---	27.86	---	47.50
GMW-18	04/12/12	75.36	---	28.54	---	46.82
GMW-18	04/20/12	75.36	---	28.45	---	46.91
GMW-18	04/05/13	75.36	29.66	30.33	0.67	45.57
GMW-18	04/08/13	75.36	29.64	30.21	0.57	45.61
GMW-18	10/02/13	75.36	30.24	32.17	1.93	44.73
GMW-18	04/07/14	75.36	30.95	33.15	2.20	43.97
GMW-18	04/16/14	75.36	30.92	33.08	2.16	44.01
GMW-18	10/27/14	75.36	---	31.13	---	44.23
GMW-18	04/20/15	75.36	---	31.47	---	43.89
GMW-18	04/11/16	75.36	---	NM	---	NC
GMW-18	10/03/16	75.36	33.27	35.34	2.07	NC
GMW-18	04/20/17	75.36	---	32.81	---	42.55
GMW-18	09/26/17	75.36	32.99	34.15	1.16	NC
GMW-18	04/16/18	75.36	34.13	34.92	0.79	NC
GMW-18	11/05/18	75.36	36.12	38.40	2.28	NC
GMW-18	04/15/19	75.36	---	34.55	---	40.81
GMW-18	05/10/19	75.36	---	34.89	---	40.47
GMW-18	10/30/19	75.36	---	36.30	---	NC
GMW-18	05/05/20	75.36	---	35.60	---	39.76
GMW-18	11/02/20	75.36	---	35.88	---	39.48
GMW-18	05/04/21	75.36	---	36.20	---	39.16
GMW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-19	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	01/08/11	76.83	---	NM	---	NC
GMW-19	07/08/11	76.83	---	NM	---	NC
GMW-19	10/06/11	76.83	---	29.06	---	47.77
GMW-19	04/12/12	76.83	---	30.26	---	46.57
GMW-19	04/18/12	76.83	---	30.09	---	46.74
GMW-19	01/10/13	76.83	---	31.56	---	45.27
GMW-19	04/03/13	76.83	---	31.49	---	45.34
GMW-19	04/08/13	76.83	---	31.60	---	45.23
GMW-19	10/02/13	76.83	---	32.29	---	44.54
GMW-19	04/07/14	76.83	---	33.00	---	43.83
GMW-19	04/14/14	76.83	---	32.79	---	44.04
GMW-19	10/27/14	76.83	---	33.20	---	43.63
GMW-19	04/20/15	76.83	---	33.53	---	43.30
GMW-19	04/11/16	76.83	---	NM	---	NC
GMW-19	10/03/16	76.83	---	NM	---	NC
GMW-19	04/21/17	76.83	---	34.18	---	42.65
GMW-19	10/03/17	76.83	---	35.17	---	41.66
GMW-19	04/16/18	76.83	---	35.77	---	41.06
GMW-19	11/05/18	76.83	---	36.37	---	40.46
GMW-19	04/22/19	76.83	---	34.88	---	41.95
GMW-19	10/30/19	76.83	---	35.99	---	40.84
GMW-19	05/04/20	76.83	---	35.51	---	41.32
GMW-19	10/19/20	76.83	---	35.84	---	40.99
GMW-19	11/02/20	76.83	---	35.84	---	40.99

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-19	05/03/21	76.83	---	36.45	---	40.38
GMW-20	11/20/96	75.10	---	28.53	---	46.57
GMW-20	07/01/97	75.10	---	28.26	---	46.84
GMW-20	12/31/97	75.10	---	28.23	---	46.87
GMW-20	05/01/98	75.10	---	25.50	---	49.60
GMW-20	05/25/99	75.10	---	26.25	---	48.85
GMW-20	05/15/00	75.10	---	26.95	---	48.15
GMW-20	11/13/00	75.10	---	27.56	---	47.54
GMW-20	05/07/01	75.10	---	25.75	---	49.35
GMW-20	08/07/01	75.10	25.55	26.67	1.12	49.33
GMW-20	04/08/02	75.10	---	26.77	---	48.33
GMW-20	10/21/02	75.10	---	27.16	---	47.94
GMW-20	04/07/03	75.10	---	26.62	---	48.48
GMW-20	10/06/03	75.10	---	26.62	---	48.48
GMW-20	04/19/04	75.10	---	27.88	---	47.22
GMW-20	11/01/04	75.10	---	27.79	---	47.31
GMW-20	05/02/05	75.10	---	22.20	---	52.90
GMW-20	05/01/06	75.10	---	24.28	---	50.82
GMW-20	12/01/06	75.10	---	25.17	---	49.93
GMW-20	04/30/07	75.10	---	25.63	---	49.47
GMW-20	11/12/07	75.10	---	26.08	---	49.02
GMW-20	04/14/08	75.10	---	25.74	---	49.36
GMW-20	10/14/08	75.10	---	26.89	---	48.21
GMW-20	10/01/10	75.10	---	27.64	---	47.46
GMW-20	01/08/11	75.10	---	27.81	---	47.29
GMW-20	04/12/12	75.10	---	28.41	---	46.69
GMW-20	10/02/13	75.10	---	30.54	---	44.56
GMW-20	04/09/14	75.10	---	31.18	---	43.92
GMW-20	10/27/14	75.10	---	31.43	---	43.67
GMW-20	04/20/15	75.10	---	31.79	---	43.31
GMW-20	04/11/16	75.10	---	33.52	---	41.58
GMW-20	10/03/16	75.10	---	34.19	---	40.91
GMW-20	04/18/17	75.10	---	32.42	---	42.68
GMW-20	10/03/17	75.10	---	34.20	---	40.90
GMW-20	04/16/18	75.10	---	34.60	---	40.50
GMW-20	11/05/18	75.10	---	35.08	---	40.02
GMW-20	04/16/19	75.10	---	22.90	---	NC
GMW-20	10/28/19	75.10	---	34.86	---	40.24
GMW-20	05/04/20	75.10	---	33.45	---	41.65
GMW-20	11/02/20	75.10	---	34.20	---	40.90
GMW-20	05/03/21	75.10	---	34.65	---	40.45
GMW-21	11/20/96	76.23	28.95	33.05	4.10	46.46
GMW-21	07/01/97	76.23	29.13	30.13	1.00	46.90
GMW-21	04/08/02	76.23	---	28.84	---	47.39
GMW-21	10/06/03	76.23	27.90	28.17	0.27	48.28
GMW-21	04/19/04	76.23	29.14	29.57	0.43	47.00
GMW-21	11/01/04	76.23	28.68	28.91	0.23	47.50
GMW-21	05/02/05	76.23	23.79	24.56	0.77	52.29
GMW-21	05/01/06	76.23	25.21	26.99	1.78	50.66
GMW-21	08/26/06	76.23	25.54	25.79	0.25	50.64

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-21	12/01/06	76.23	25.99	27.83	1.84	49.87
GMW-21	04/27/07	76.23	---	26.41	---	49.82
GMW-21	11/09/07	76.23	27.34	27.37	0.03	48.88
GMW-21	02/05/08	76.23	---	27.79	---	48.44
GMW-21	10/13/08	76.23	---	28.18	---	48.05
GMW-21	02/09/09	76.23	---	27.48	---	48.75
GMW-21	07/17/09	76.23	---	28.40	---	47.83
GMW-21	04/07/10	76.23	---	28.81	---	47.42
GMW-21	10/01/10	76.23	---	NM	---	NC
GMW-21	01/06/11	76.23	---	26.85	---	49.38
GMW-21	04/06/11	76.23	---	27.78	---	48.45
GMW-21	07/07/11	76.23	---	27.95	---	48.28
GMW-21	10/06/11	76.23	---	28.41	---	47.82
GMW-21	04/12/12	76.23	---	29.48	---	46.75
GMW-21	01/10/13	76.23	30.43	31.90	1.47	45.51
GMW-21	04/02/13	76.23	30.66	30.73	0.07	45.56
GMW-21	04/08/13	76.23	30.56	31.05	0.49	45.57
GMW-21	10/01/13	76.23	31.32	32.00	0.68	44.77
GMW-21	04/07/14	76.23	32.21	32.26	0.05	44.01
GMW-21	04/14/14	76.23	32.22	32.29	0.07	44.00
GMW-21	10/27/14	76.23	---	32.52	---	43.71
GMW-21	04/20/15	76.23	---	32.82	---	43.41
GMW-21	04/11/16	76.23	---	33.96	---	42.27
GMW-21	10/03/16	76.23	---	34.38	---	41.85
GMW-21	04/19/17	76.23	---	33.64	---	42.59
GMW-21	10/02/17	76.23	32.52	33.02	0.50	NC
GMW-21	04/16/18	76.23	---	35.12	---	41.11
GMW-21	11/05/18	76.23	---	35.52	---	40.71
GMW-21	04/19/19	76.23	---	33.95	---	42.28
GMW-21	10/29/19	76.23	---	35.42	---	40.81
GMW-21	05/05/20	76.23	---	35.39	---	40.84
GMW-21	11/02/20	76.23	---	35.12	---	41.11
GMW-21	05/04/21	76.23	---	35.36	---	40.87
GMW-22	11/20/96	74.17	29.78	33.02	3.24	43.79
GMW-22	07/01/97	74.17	30.91	34.32	3.41	42.63
GMW-22	12/31/97	74.17	29.98	33.75	3.77	43.49
GMW-22	05/01/98	74.17	19.13	26.55	7.42	53.67
GMW-22	08/09/99	74.17	---	NM	---	NC
GMW-22	11/15/99	74.17	---	NM	---	NC
GMW-22	05/15/00	74.17	26.45	30.67	4.22	46.94
GMW-22	11/13/00	74.17	28.67	31.82	3.15	44.92
GMW-22	05/07/01	74.17	27.88	32.30	4.42	45.47
GMW-22	08/07/01	74.17	25.78	29.76	3.98	47.65
GMW-22	11/05/01	74.17	25.95	31.05	5.10	47.28
GMW-22	04/08/02	74.17	26.55	26.59	0.04	47.61
GMW-22	04/07/03	74.17	---	NM	---	NC
GMW-22	05/02/05	74.17	23.09	26.46	3.37	50.46
GMW-22	10/31/05	74.17	---	27.80	---	46.37
GMW-22	05/01/06	74.17	24.70	24.94	0.24	49.43
GMW-22	12/04/06	74.17	---	25.43	---	48.74

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-22	04/30/07	74.17	---	25.79	---	48.38
GMW-22	11/12/07	74.17	25.91	26.45	0.54	48.16
GMW-22	08/12/08	74.17	---	26.70	---	47.47
GMW-22	10/31/08	74.17	27.04	28.25	1.21	46.91
GMW-22	11/04/08	74.17	---	26.97	---	47.20
GMW-22	12/17/08	74.17	---	26.65	---	47.52
GMW-22	01/15/09	74.17	---	27.18	---	46.99
GMW-22	03/27/09	74.17	---	27.86	---	46.31
GMW-22	04/21/09	74.17	27.20	27.30	0.10	46.95
GMW-22	07/21/09	74.17	---	27.70	---	46.47
GMW-22	10/19/09	74.17	---	NM	---	NC
GMW-22	11/06/09	74.17	---	28.12	---	46.05
GMW-22	09/03/10	74.17	25.10	28.36	3.26	48.47
GMW-22	10/04/10	74.17	---	27.65	---	46.52
GMW-22	04/11/11	74.17	---	26.45	---	47.72
GMW-22	10/10/11	74.17	---	29.68	---	44.49
GMW-22	04/16/12	74.17	---	31.15	---	43.02
GMW-22	07/09/12	---	---	NM	---	NC
GMW-22	10/15/12	77.24	---	31.05	---	46.19
GMW-22	04/08/13	77.24	---	31.92	---	45.32
GMW-22	10/07/13	77.24	31.65	34.28	2.63	45.10
GMW-22	04/14/14	77.24	32.30	35.59	3.29	44.33
GMW-22	05/06/14	77.24	32.35	35.87	3.52	44.24
GMW-22	05/12/14	77.24	32.28	35.76	3.48	44.32
GMW-22	05/20/14	77.24	32.70	37.90	5.20	43.58
GMW-22	05/27/14	77.24	32.71	36.34	3.63	43.86
GMW-22	06/04/14	77.24	---	33.36	---	43.88
GMW-22	06/10/14	77.24	32.82	36.74	3.92	43.69
GMW-22	07/03/14	77.24	32.91	37.66	4.75	43.45
GMW-22	07/08/14	77.24	32.79	36.70	3.91	43.73
GMW-22	07/18/14	77.24	32.77	36.68	3.91	43.75
GMW-22	07/24/14	77.24	32.62	36.79	4.17	43.85
GMW-22	08/01/14	77.24	32.44	35.82	3.38	44.17
GMW-22	08/08/14	77.24	32.44	35.72	3.28	44.19
GMW-22	08/13/14	77.24	32.45	35.68	3.23	44.19
GMW-22	08/19/14	77.24	32.45	35.64	3.19	44.20
GMW-22	08/29/14	77.24	32.44	35.65	3.21	44.21
GMW-22	09/05/14	77.24	32.46	35.73	3.27	44.18
GMW-22	09/11/14	77.24	32.47	35.78	3.31	44.16
GMW-22	09/18/14	77.24	32.49	35.85	3.36	44.13
GMW-22	09/26/14	77.24	32.46	35.85	3.39	44.15
GMW-22	10/01/14	77.24	32.45	35.76	3.31	44.18
GMW-22	10/06/14	77.24	32.44	35.72	3.28	44.19
GMW-22	10/14/14	77.24	32.42	35.75	3.33	44.20
GMW-22	10/23/14	77.24	32.43	35.84	3.41	44.18
GMW-22	10/27/14	77.24	32.41	35.74	3.33	44.21
GMW-22	11/03/14	77.24	32.45	35.89	3.44	44.15
GMW-22	11/10/14	77.24	32.45	35.94	3.49	44.14
GMW-22	11/18/14	77.24	32.48	35.97	3.49	44.11
GMW-22	11/25/14	77.24	32.51	35.97	3.46	44.09

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-22	12/03/14	77.24	32.45	35.84	3.39	44.16
GMW-22	12/12/14	77.24	32.65	36.44	3.79	43.89
GMW-22	12/19/14	77.24	34.71	36.80	2.09	42.14
GMW-22	04/20/15	77.24	32.84	36.64	3.80	43.70
GMW-22	07/24/15	77.24	33.70	39.80	6.10	42.41
GMW-22	10/20/15	77.24	34.92	36.10	1.18	42.10
GMW-22	03/16/16	77.24	37.61	39.73	2.12	39.24
GMW-22	04/11/16	77.24	35.50	38.59	3.09	41.17
GMW-22	06/30/16	77.24	---	36.55	---	40.69
GMW-22	08/22/16	77.24	---	NM	---	NC
GMW-22	10/03/16	77.24	---	37.70	---	39.54
GMW-22	10/03/16	77.24	---	37.70	---	39.54
GMW-22	04/17/17	77.24	---	34.47	---	42.77
GMW-22	10/02/17	77.24	---	38.45	---	38.79
GMW-22	11/05/18	77.24	---	38.02	---	39.22
GMW-22	04/16/19	77.24	---	36.19	---	41.05
GMW-22	10/28/19	77.24	---	37.88	---	39.36
GMW-22	05/04/20	77.24	---	35.64	---	41.60
GMW-22	11/02/20	77.24	---	36.08	---	41.16
GMW-22	05/03/21	77.24	---	36.66	---	40.58
GMW-23	11/20/96	74.85	26.66	28.42	1.76	47.84
GMW-23	07/01/97	74.85	28.99	30.34	1.35	45.59
GMW-23	12/31/97	74.85	28.04	28.92	0.88	46.63
GMW-23	05/01/98	74.85	25.43	25.44	0.01	49.42
GMW-23	05/04/99	74.85	26.65	27.09	0.44	48.11
GMW-23	08/09/99	74.85	26.39	28.52	2.13	48.03
GMW-23	11/15/99	74.85	26.79	29.60	2.81	47.50
GMW-23	05/15/00	74.85	26.90	29.87	2.97	47.36
GMW-23	11/13/00	74.85	27.00	31.18	4.18	47.01
GMW-23	05/07/01	74.85	28.62	28.63	0.01	46.23
GMW-23	08/07/01	74.85	25.54	26.07	0.53	49.20
GMW-23	11/05/01	74.85	25.85	26.32	0.47	48.91
GMW-23	04/08/02	74.85	26.40	26.81	0.41	48.37
GMW-23	10/21/02	74.85	28.07	28.94	0.87	46.61
GMW-23	04/07/03	74.85	26.67	26.70	0.03	48.17
GMW-23	10/06/03	74.85	26.35	27.32	0.03	47.55
GMW-23	01/11/04	74.85	---	NM	---	NC
GMW-23	04/19/04	74.85	26.94	26.95	0.01	47.91
GMW-23	05/02/05	74.85	---	23.34	---	51.51
GMW-23	10/31/05	74.85	26.08	26.13	0.05	48.76
GMW-23	05/01/06	74.85	---	23.99	---	50.86
GMW-23	12/04/06	74.85	---	24.82	---	50.03
GMW-23	04/30/07	74.85	---	24.98	---	49.87
GMW-23	11/12/07	74.85	---	25.41	---	49.44
GMW-23	04/14/08	74.85	---	25.62	---	49.23
GMW-23	10/13/08	74.85	---	26.21	---	48.64
GMW-23	04/20/09	74.85	---	26.29	---	48.56
GMW-23	10/19/09	74.85	---	27.51	---	47.34
GMW-23	05/24/10	74.85	---	27.32	---	47.53
GMW-23	05/28/10	74.85	---	27.27	---	47.58

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-23	10/04/10	74.85	---	27.31	---	47.54
GMW-23	04/11/11	74.85	---	26.40	---	48.45
GMW-23	10/10/11	74.85	---	26.57	---	48.28
GMW-23	04/16/12	74.85	---	28.73	---	46.12
GMW-23	07/09/12	74.85	---	NM	---	NC
GMW-23	10/15/12	74.85	---	28.45	---	46.40
GMW-23	04/08/13	74.85	---	29.31	---	45.54
GMW-23	10/07/13	74.85	---	30.27	---	44.58
GMW-23	04/14/14	74.85	---	30.23	---	44.62
GMW-23	10/27/14	74.85	---	31.08	---	43.77
GMW-23	04/20/15	74.85	---	31.94	---	42.91
GMW-23	10/19/15	74.85	31.84	32.80	0.96	42.82
GMW-23	03/14/16	74.85	---	36.35	---	38.50
GMW-23	04/11/16	74.85	34.10	34.12	0.02	40.75
GMW-23	06/29/16	74.85	---	35.25	---	39.60
GMW-23	08/22/16	74.85	---	35.58	---	39.27
GMW-23	10/03/16	74.85	---	36.15	---	38.70
GMW-23	10/03/16	74.85	---	36.15	---	38.70
GMW-23	04/17/17	74.85	31.91	33.40	1.49	42.64
GMW-23	10/02/17	74.85	---	35.42	---	39.43
GMW-23	11/05/18	74.85	36.18	36.20	0.02	38.67
GMW-23	04/16/19	74.85	---	34.34	---	40.51
GMW-23	11/01/19	74.85	---	35.48	---	39.37
GMW-23	05/04/20	74.85	33.10	34.56	1.46	41.46
GMW-23	11/02/20	74.85	33.05	36.90	3.85	41.03
GMW-23	05/03/21	74.85	33.30	38.65	5.35	40.48
GMW-24	08/07/01	74.04	27.80	28.68	0.88	46.06
GMW-24	05/02/05	74.04	25.49	25.70	0.21	48.51
GMW-24	10/31/05	74.04	26.29	26.34	0.05	47.74
GMW-24	05/01/06	74.04	26.07	27.29	1.22	47.73
GMW-24	12/04/06	74.04	26.73	27.26	0.53	47.20
GMW-24	04/30/07	74.04	---	27.07	---	46.97
GMW-24	11/12/07	74.04	27.46	27.50	0.04	46.57
GMW-24	08/12/08	74.04	---	NM	---	NC
GMW-24	08/19/08	74.04	28.24	29.34	1.10	45.58
GMW-24	10/17/08	74.04	29.90	30.88	0.98	43.94
GMW-24	10/21/08	74.04	28.30	29.64	1.34	45.47
GMW-24	12/18/08	74.04	---	29.04	---	45.00
GMW-24	01/15/09	74.04	29.80	30.56	0.76	44.09
GMW-24	03/20/09	74.04	---	31.28	---	42.76
GMW-24	03/27/09	74.04	---	30.45	---	43.59
GMW-24	04/21/09	74.04	---	29.91	---	44.13
GMW-24	07/21/09	74.04	---	32.78	---	41.26
GMW-24	10/19/09	74.04	---	NM	---	NC
GMW-24	02/04/10	74.04	29.40	29.67	0.27	44.59
GMW-24	06/22/10	74.04	---	29.47	---	44.57
GMW-24	09/03/10	74.04	---	29.90	---	44.14
GMW-24	10/04/10	74.04	---	29.50	---	44.54
GMW-24	04/11/11	74.04	---	28.21	---	45.83
GMW-24	10/10/11	74.04	---	28.78	---	45.26

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-24	04/16/12	74.04	30.31	30.49	0.18	43.69
GMW-24	07/09/12	---	---	NM	---	NC
GMW-24	10/15/12	77.48	---	31.34	---	46.14
GMW-24	04/08/13	77.48	---	NM	---	NC
GMW-24	06/14/13	77.48	32.40	33.35	0.95	44.89
GMW-24	10/07/13	77.48	31.61	35.42	3.81	45.11
GMW-24	04/14/14	77.48	32.01	37.74	5.73	44.32
GMW-24	05/05/14	77.48	32.09	37.81	5.72	44.25
GMW-24	05/12/14	77.48	32.14	37.52	5.38	44.26
GMW-24	05/20/14	77.48	32.21	37.39	5.18	44.23
GMW-24	05/27/14	77.48	32.90	37.95	5.05	43.57
GMW-24	06/04/14	77.48	32.70	37.00	4.30	43.92
GMW-24	06/10/14	77.48	32.98	37.85	4.87	43.53
GMW-24	07/03/14	77.48	33.04	39.60	6.56	43.13
GMW-24	07/08/14	77.48	32.89	38.67	5.78	43.43
GMW-24	07/18/14	77.48	32.86	38.64	5.78	43.46
GMW-24	07/24/14	77.48	32.82	38.27	5.45	43.57
GMW-24	08/01/14	77.48	32.55	37.00	4.45	44.04
GMW-24	08/08/14	77.48	32.51	36.97	4.46	44.08
GMW-24	08/13/14	77.48	32.54	36.82	4.28	44.08
GMW-24	08/19/14	77.48	32.55	36.92	4.37	44.06
GMW-24	08/29/14	77.48	32.51	36.92	4.41	44.09
GMW-24	09/05/14	77.48	32.55	36.97	4.42	44.05
GMW-24	09/11/14	77.48	32.57	37.99	5.42	43.83
GMW-24	09/18/14	77.48	32.60	36.89	4.29	44.02
GMW-24	09/26/14	77.48	32.58	36.86	4.28	44.04
GMW-24	10/01/14	77.48	32.61	36.64	4.03	44.06
GMW-24	10/06/14	77.48	32.92	36.93	4.01	43.76
GMW-24	10/14/14	77.48	32.88	36.92	4.04	43.79
GMW-24	10/23/14	77.48	32.90	37.00	4.10	43.76
GMW-24	10/27/14	77.48	32.91	36.82	3.91	43.79
GMW-24	11/03/14	77.48	32.99	37.01	4.02	43.69
GMW-24	11/10/14	77.48	33.95	37.33	3.38	42.85
GMW-24	11/18/14	77.48	33.01	36.96	3.95	43.68
GMW-24	11/25/14	77.48	33.55	36.91	3.36	43.26
GMW-24	12/03/14	77.48	32.99	36.87	3.88	43.71
GMW-24	12/12/14	77.48	33.25	37.36	4.11	43.41
GMW-24	12/19/14	77.48	33.31	37.75	4.44	43.28
GMW-24	03/10/15	77.48	---	36.25	---	41.23
GMW-24	04/20/15	77.48	33.82	36.29	2.47	43.17
GMW-24	07/24/15	77.48	33.70	39.80	6.10	42.56
GMW-24	10/20/15	77.48	---	35.44	---	42.04
GMW-24	03/16/16	77.48	---	38.83	---	38.65
GMW-24	04/11/16	77.48	---	37.10	---	40.38
GMW-24	06/29/16	77.48	---	38.20	---	39.28
GMW-24	08/22/16	77.48	---	38.40	---	39.08
GMW-24	10/03/16	77.48	---	39.31	---	38.17
GMW-24	10/03/16	77.48	---	39.31	---	38.17
GMW-24	04/17/17	77.48	35.09	35.64	0.55	42.28
GMW-24	10/02/17	77.48	---	39.33	---	38.15

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-24	11/05/18	77.48	38.19	38.63	0.44	39.20
GMW-24	04/16/19	77.48	---	38.43	---	39.05
GMW-24	10/28/19	77.48	---	38.65	---	38.83
GMW-24	05/04/20	77.48	---	36.24	---	41.24
GMW-24	11/02/20	77.48	---	36.58	---	40.90
GMW-24	05/03/21	77.48	---	37.18	---	40.30
GMW-25	11/20/96	74.29	27.75	31.91	4.16	45.58
GMW-25	07/01/97	74.29	28.37	34.58	6.21	44.49
GMW-25	12/31/97	74.29	27.86	33.59	5.73	45.11
GMW-25	05/01/98	74.29	16.76	24.44	7.68	55.76
GMW-25	05/04/99	74.29	26.58	30.40	3.82	46.83
GMW-25	08/09/99	74.29	26.73	29.99	3.26	46.81
GMW-25	11/15/99	74.29	27.75	28.95	1.20	46.26
GMW-25	05/15/00	74.29	27.39	28.17	0.78	46.72
GMW-25	11/13/00	74.29	27.97	29.52	1.55	45.96
GMW-25	05/07/01	74.29	26.27	28.62	2.35	47.48
GMW-25	08/07/01	74.29	25.73	28.14	2.41	48.01
GMW-25	11/05/01	74.29	26.07	28.40	2.33	47.68
GMW-25	04/08/02	74.29	27.00	27.07	0.07	47.27
GMW-25	10/21/02	74.29	29.41	29.45	0.04	44.87
GMW-25	04/07/03	74.29	---	NM	---	NC
GMW-25	05/02/05	74.29	---	24.78	---	49.51
GMW-25	10/31/05	74.29	25.41	25.47	0.06	48.87
GMW-25	05/01/06	74.29	---	25.87	---	48.42
GMW-25	12/04/06	74.29	---	26.65	---	47.64
GMW-25	04/30/07	74.29	---	26.60	---	47.69
GMW-25	11/12/07	74.29	27.25	27.30	0.05	47.03
GMW-25	08/12/08	74.29	---	27.81	---	46.48
GMW-25	10/17/08	74.29	---	28.26	---	46.03
GMW-25	12/18/08	74.29	---	29.01	---	45.28
GMW-25	01/15/09	74.29	---	28.62	---	45.67
GMW-25	03/24/09	74.29	---	28.79	---	45.50
GMW-25	04/21/09	74.29	---	28.35	---	45.94
GMW-25	07/21/09	74.29	---	29.80	---	44.49
GMW-25	10/19/09	74.29	---	30.28	---	44.01
GMW-25	06/22/10	74.29	---	31.64	---	42.65
GMW-25	10/04/10	74.29	---	29.25	---	45.04
GMW-25	04/11/11	74.29	---	26.21	---	48.08
GMW-25	10/10/11	74.29	---	30.02	---	44.27
GMW-25	04/16/12	74.29	---	31.30	---	42.99
GMW-25	07/09/12	---	---	NM	---	NC
GMW-25	10/15/12	78.14	---	31.88	---	46.26
GMW-25	04/08/13	78.14	---	32.11	---	46.03
GMW-25	10/07/13	78.14	33.10	33.23	0.13	45.01
GMW-25	04/14/14	78.14	33.00	37.40	4.40	44.13
GMW-25	05/05/14	78.14	33.06	37.51	4.45	44.06
GMW-25	05/12/14	78.14	33.73	34.97	1.24	44.12
GMW-25	05/20/14	78.14	34.30	36.75	2.45	43.28
GMW-25	05/27/14	78.14	34.44	34.64	0.20	43.65
GMW-25	06/04/14	78.14	---	35.00	---	43.14

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-25	06/10/14	78.14	34.18	36.67	2.49	43.39
GMW-25	07/03/14	78.14	---	34.21	---	43.93
GMW-25	07/24/14	78.14	---	34.29	---	43.85
GMW-25	08/01/14	78.14	33.99	35.02	1.03	43.91
GMW-25	08/08/14	78.14	34.06	34.54	0.48	43.97
GMW-25	08/14/14	78.14	34.06	34.48	0.42	43.98
GMW-25	08/19/14	78.14	34.07	34.51	0.44	43.97
GMW-25	08/29/14	78.14	33.96	34.65	0.69	44.02
GMW-25	09/18/14	78.14	34.01	35.21	1.20	43.85
GMW-25	09/26/14	78.14	34.06	34.87	0.81	43.89
GMW-25	10/01/14	78.14	33.98	34.92	0.94	43.94
GMW-25	10/06/14	78.14	33.99	34.93	0.94	43.93
GMW-25	10/14/14	78.14	33.91	35.10	1.19	43.96
GMW-25	10/23/14	78.14	33.91	35.34	1.43	43.90
GMW-25	10/27/14	78.14	33.95	34.78	0.83	44.00
GMW-25	11/03/14	78.14	33.98	34.92	0.94	43.94
GMW-25	11/10/14	78.14	34.02	35.12	1.10	43.87
GMW-25	11/18/14	78.14	34.11	34.90	0.79	43.85
GMW-25	11/25/14	78.14	34.07	35.07	1.00	43.84
GMW-25	12/03/14	78.14	33.98	35.10	1.12	43.90
GMW-25	12/12/14	78.14	34.30	35.22	0.92	43.63
GMW-25	12/19/14	78.14	34.50	35.05	0.55	43.51
GMW-25	04/20/15	78.14	34.47	35.19	0.72	43.50
GMW-25	06/25/15	78.14	35.40	36.35	0.95	42.52
GMW-25	10/20/15	78.14	35.38	35.40	0.02	42.76
GMW-25	03/16/16	78.14	---	38.99	---	39.15
GMW-25	04/12/16	78.14	---	37.15	---	40.99
GMW-25	06/29/16	78.14	---	38.40	---	39.74
GMW-25	08/22/16	78.14	---	38.44	---	39.70
GMW-25	10/03/16	78.14	---	38.70	---	39.44
GMW-25	10/03/16	78.14	---	38.70	---	39.44
GMW-25	04/17/17	78.14	---	35.23	---	42.91
GMW-25	10/02/17	78.14	---	39.22	---	38.92
GMW-25	11/05/18	78.14	---	38.70	---	39.44
GMW-25	04/16/19	78.14	---	36.89	---	41.25
GMW-25	10/28/19	78.14	---	37.10	---	41.04
GMW-25	05/04/20	78.14	---	36.49	---	41.65
GMW-25	11/02/20	78.14	---	36.98	---	41.16
GMW-25	05/03/21	78.14	---	37.42	---	40.72
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-26	04/08/02	74.45	---	26.40	---	48.05
GMW-26	10/21/02	74.45	---	26.82	---	47.63
GMW-26	04/07/03	74.45	---	25.28	---	49.17
GMW-26	07/07/03	74.52	---	26.53	---	47.99
GMW-26	10/06/03	74.52	---	26.30	---	48.22
GMW-26	01/11/04	74.52	---	27.87	---	46.65
GMW-26	01/20/04	74.52	---	26.83	---	47.69
GMW-26	04/19/04	74.52	---	27.91	---	46.61
GMW-26	04/27/04	74.52	---	27.32	---	47.20
GMW-26	06/07/04	74.52	---	27.95	---	46.57
GMW-26	07/08/04	74.52	---	27.72	---	46.80
GMW-26	05/02/05	74.52	---	23.05	---	51.47
GMW-26	10/31/05	74.52	---	23.62	---	50.90
GMW-26	05/22/06	74.52	---	24.14	---	50.38
GMW-26	12/04/06	74.52	---	24.69	---	49.83
GMW-26	04/30/07	74.52	---	24.68	---	49.84
GMW-26	11/12/07	74.52	---	25.06	---	49.46
GMW-26	04/14/08	74.52	---	25.39	---	49.13
GMW-26	10/13/08	74.52	---	25.92	---	48.60
GMW-26	04/20/09	74.52	---	26.12	---	48.40
GMW-26	10/19/09	74.52	---	26.96	---	47.56
GMW-26	05/24/10	74.52	---	27.70	---	46.82
GMW-26	05/28/10	74.52	---	27.47	---	47.05
GMW-26	10/04/10	74.52	---	36.51	---	38.01
GMW-26	04/11/11	74.52	---	27.22	---	47.30
GMW-26	10/10/11	74.52	---	26.38	---	48.14
GMW-26	04/16/12	74.52	---	27.86	---	46.66
GMW-26	07/09/12	74.52	---	NM	---	NC
GMW-26	10/15/12	74.52	---	28.40	---	46.12
GMW-26	04/08/13	74.52	---	28.98	---	45.54
GMW-26	10/07/13	74.52	---	29.94	---	44.58
GMW-26	04/14/14	74.52	---	30.28	---	44.24
GMW-26	10/27/14	74.52	---	30.68	---	43.84
GMW-26	04/20/15	74.52	---	31.18	---	43.34
GMW-26	10/19/15	74.52	---	31.73	---	42.79
GMW-26	03/14/16	74.52	---	34.56	---	39.96
GMW-26	04/11/16	74.52	---	35.55	---	38.97
GMW-26	06/29/16	74.52	---	34.45	---	40.07
GMW-26	08/22/16	74.52	---	34.58	---	39.94
GMW-26	10/03/16	74.52	---	35.12	---	39.40
GMW-26	10/03/16	74.52	---	35.12	---	39.40
GMW-26	04/17/17	74.52	---	31.90	---	42.62
GMW-26	10/02/17	74.52	---	35.00	---	39.52
GMW-26	11/05/18	74.52	---	37.70	---	36.82
GMW-26	11/05/18	74.52	---	37.70	---	36.82
GMW-26	04/16/19	74.52	---	33.41	---	41.11
GMW-26	10/28/19	74.52	---	35.23	---	39.29
GMW-26	05/04/20	74.52	---	35.52	---	39.00
GMW-26	11/02/20	74.52	---	33.59	---	40.93
GMW-26	05/03/21	74.52	---	34.08	---	40.44

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-27	12/31/97	74.39	27.76	28.43	0.67	46.50
GMW-27	05/01/98	74.39	---	25.07	---	49.32
GMW-27	05/07/99	74.39	---	26.44	---	47.95
GMW-27	08/09/99	74.39	---	26.46	---	47.93
GMW-27	11/15/99	74.39	---	26.71	---	47.68
GMW-27	05/15/00	74.39	---	26.44	---	47.95
GMW-27	11/13/00	74.39	---	27.52	---	46.87
GMW-27	05/07/01	74.39	---	25.67	---	48.72
GMW-27	08/07/01	74.39	---	25.25	---	49.14
GMW-27	11/05/01	74.39	---	25.65	---	48.74
GMW-27	04/08/02	74.39	---	28.79	---	45.60
GMW-27	10/21/02	74.39	---	26.72	---	47.67
GMW-27	04/07/03	74.39	---	26.13	---	48.26
GMW-27	10/06/03	74.39	---	26.32	---	48.07
GMW-27	01/11/04	74.41	---	27.82	---	46.59
GMW-27	01/27/04	74.39	---	26.52	---	47.87
GMW-27	04/19/04	74.41	---	27.62	---	46.79
GMW-27	04/27/04	74.41	---	27.00	---	47.41
GMW-27	06/07/04	74.41	---	27.70	---	46.71
GMW-27	07/08/04	74.41	---	27.46	---	46.95
GMW-27	05/02/05	74.41	---	24.01	---	50.40
GMW-27	10/31/05	74.41	---	23.03	---	51.38
GMW-27	05/09/06	74.41	---	23.51	---	50.90
GMW-27	12/04/06	74.41	---	24.45	---	49.96
GMW-27	04/30/07	74.41	---	24.52	---	49.89
GMW-27	11/12/07	74.41	---	24.90	---	49.51
GMW-27	04/14/08	74.41	---	25.21	---	49.20
GMW-27	08/11/08	74.41	---	29.68	---	44.73
GMW-27	10/13/08	74.41	---	25.81	---	48.60
GMW-27	11/21/08	74.41	---	26.20	---	48.21
GMW-27	04/20/09	74.41	---	26.04	---	48.37
GMW-27	10/19/09	74.41	---	27.39	---	47.02
GMW-27	05/24/10	74.41	---	26.90	---	47.51
GMW-27	05/28/10	74.41	---	26.96	---	47.45
GMW-27	10/04/10	74.41	---	26.95	---	47.46
GMW-27	01/10/11	74.41	---	27.97	---	46.44
GMW-27	04/11/11	74.41	---	26.33	---	48.08
GMW-27	07/11/11	74.41	---	NM	---	NC
GMW-27	10/10/11	74.41	---	26.17	---	48.24
GMW-27	01/09/12	74.41	---	26.84	---	47.57
GMW-27	04/16/12	74.41	---	27.85	---	46.56
GMW-27	07/09/12	74.41	---	27.94	---	46.47
GMW-27	10/15/12	74.41	---	29.05	---	45.36
GMW-27	01/14/13	74.41	---	29.07	---	45.34
GMW-27	04/08/13	74.41	---	28.96	---	45.45
GMW-27	10/07/13	74.41	---	29.45	---	44.96
GMW-27	04/14/14	74.41	---	30.19	---	44.22
GMW-27	10/27/14	74.41	---	30.51	---	43.90
GMW-27R	10/02/17	77.15	---	37.68	---	39.47
GMW-27R	11/05/18	77.15	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-28	11/20/96	74.62	---	27.86	---	46.76
GMW-28	07/01/97	74.62	---	29.03	---	45.59
GMW-28	12/31/97	74.62	28.00	28.65	0.65	46.49
GMW-28	05/01/98	74.62	24.77	25.42	0.65	49.72
GMW-28	08/09/99	74.62	---	26.64	---	47.98
GMW-28	11/15/99	74.62	---	26.80	---	47.82
GMW-28	11/13/00	74.62	---	27.50	---	47.12
GMW-28	08/07/01	74.62	---	25.47	---	49.15
GMW-28	11/05/01	74.62	---	25.85	---	48.77
GMW-28	04/08/02	74.62	---	26.21	---	48.41
GMW-28	10/21/02	74.62	---	26.96	---	47.66
GMW-28	04/07/03	74.62	---	26.35	---	48.27
GMW-28	07/07/03	74.68	---	26.43	---	48.25
GMW-28	10/06/03	74.62	---	26.31	---	48.31
GMW-28	01/11/04	74.68	---	27.68	---	47.00
GMW-28	01/20/04	74.68	---	26.85	---	47.83
GMW-28	04/19/04	74.68	---	27.58	---	47.10
GMW-28	04/27/04	74.68	---	27.13	---	47.55
GMW-28	06/07/04	74.68	---	27.70	---	46.98
GMW-28	07/08/04	74.68	---	27.59	---	47.09
GMW-28	05/02/05	74.68	---	23.71	---	50.97
GMW-28	10/31/05	74.68	---	25.16	---	49.52
GMW-28	04/30/07	74.62	---	NM	---	NC
GMW-28	11/12/07	74.62	---	25.16	---	49.46
GMW-28	04/14/08	74.62	---	25.50	---	49.12
GMW-28	11/04/08	74.62	---	26.61	---	48.01
GMW-28	04/20/09	74.68	---	26.18	---	48.50
GMW-28	10/19/09	74.68	---	27.21	---	47.47
GMW-28	05/24/10	74.68	---	27.11	---	47.57
GMW-28	05/28/10	74.68	---	27.12	---	47.56
GMW-28	10/04/10	74.68	---	27.11	---	47.57
GMW-28	04/11/11	74.68	---	29.32	---	45.36
GMW-28	10/10/11	74.68	---	26.41	---	48.27
GMW-28	04/16/12	74.68	---	28.32	---	46.36
GMW-28	07/09/12	74.68	---	NM	---	NC
GMW-28	10/15/12	74.68	---	28.50	---	46.18
GMW-28	04/08/13	74.68	---	28.99	---	45.69
GMW-28	10/07/13	74.68	---	29.46	---	45.22
GMW-28	04/14/14	74.68	---	30.23	---	44.45
GMW-28	10/27/14	74.68	---	30.60	---	44.08
GMW-28	10/27/14	74.68	---	31.16	---	43.52
GMW-28	04/20/15	74.68	---	31.23	---	43.45
GMW-28	10/19/15	74.68	---	32.00	---	42.68
GMW-28	03/14/16	74.68	---	35.66	---	39.02
GMW-28	04/11/16	74.68	---	34.10	---	40.58
GMW-28	06/29/16	74.68	---	34.95	---	39.73
GMW-28	08/22/16	74.68	---	35.33	---	39.35
GMW-28	10/03/16	74.68	---	35.81	---	38.87
GMW-28	10/03/16	74.68	---	35.81	---	38.87
GMW-28	04/17/17	74.68	---	32.10	---	42.58

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-28	10/02/17	74.68	---	35.78	---	38.90
GMW-28	11/05/18	74.68	---	35.54	---	39.14
GMW-28	04/16/19	74.68	---	34.30	---	40.38
GMW-28	10/28/19	74.68	---	35.73	---	38.95
GMW-28	05/04/20	74.68	---	33.35	---	41.33
GMW-28	11/02/20	74.68	---	33.47	---	41.21
GMW-28	02/24/21	74.68	---	34.34	---	40.34
GMW-28	05/03/21	74.68	---	34.14	---	40.54
GMW-29	11/20/96	74.86	---	30.60	---	44.26
GMW-29	07/01/97	74.86	---	29.58	---	45.28
GMW-29	12/31/97	74.86	30.91	31.70	0.79	43.79
GMW-29	05/01/98	74.86	27.81	28.43	0.62	46.93
GMW-29	05/04/99	74.86	---	31.35	---	43.51
GMW-29	08/09/99	74.86	---	28.90	---	45.96
GMW-29	11/15/99	74.86	---	NM	---	NC
GMW-29	05/15/00	74.86	---	NM	---	NC
GMW-29	11/13/00	74.86	---	31.30	---	43.56
GMW-29	11/13/00	74.86	---	28.51	---	46.35
GMW-29	05/07/01	74.86	---	28.64	---	46.22
GMW-29	05/10/01	74.86	---	28.43	---	46.43
GMW-29	08/07/01	74.86	---	28.25	---	46.61
GMW-29	11/05/01	74.86	---	28.46	---	46.40
GMW-29	04/08/02	74.86	---	26.54	---	48.32
GMW-29	10/21/02	74.86	---	26.98	---	47.88
GMW-29	04/07/03	74.86	---	29.20	---	45.66
GMW-29	07/07/03	77.57	---	29.09	---	48.48
GMW-29	10/06/03	74.86	---	29.00	---	45.86
GMW-29	01/11/04	77.57	---	27.47	---	50.10
GMW-29	01/20/04	77.57	---	29.46	---	48.11
GMW-29	04/19/04	77.57	---	29.94	---	47.63
GMW-29	04/27/04	77.57	---	29.80	---	47.77
GMW-29	06/07/04	77.57	---	29.93	---	47.64
GMW-29	07/08/04	77.57	---	30.06	---	47.51
GMW-29	05/02/05	77.57	---	26.63	---	50.94
GMW-29	10/31/05	77.57	---	25.42	---	52.15
GMW-29	05/01/06	77.57	---	26.64	---	50.93
GMW-29	12/04/06	77.57	---	27.34	---	50.23
GMW-29	04/30/07	77.57	---	27.48	---	50.09
GMW-29	11/12/07	77.57	---	27.95	---	49.62
GMW-29	04/14/08	77.57	---	29.46	---	48.11
GMW-29	04/14/08	77.57	---	28.31	---	49.26
GMW-29	10/13/08	77.57	---	28.72	---	48.85
GMW-29	04/20/09	77.57	---	28.86	---	48.71
GMW-29	10/19/09	77.57	---	29.70	---	47.87
GMW-29	05/24/10	77.57	---	29.92	---	47.65
GMW-29	05/28/10	77.57	---	29.88	---	47.69
GMW-29	10/04/10	77.57	---	27.30	---	50.27
GMW-29	04/11/11	77.57	---	29.52	---	48.05
GMW-29	10/10/11	77.57	---	26.50	---	51.07
GMW-29	04/16/12	77.57	---	28.14	---	49.43

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-29	07/09/12	77.57	---	NM	---	NC
GMW-29	10/15/12	77.57	---	28.41	---	49.16
GMW-29	04/08/13	77.57	---	28.95	---	48.62
GMW-29	10/07/13	77.57	---	30.30	---	47.27
GMW-29	04/14/14	77.57	---	31.62	---	45.95
GMW-29	10/27/14	77.57	---	32.42	---	45.15
GMW-29	04/20/15	77.57	---	32.62	---	44.95
GMW-29	10/27/15	77.57	31.86	35.37	3.51	45.01
GMW-29	03/14/16	77.57	---	36.15	---	41.42
GMW-29	04/11/16	77.57	33.55	34.95	1.40	43.74
GMW-29	06/29/16	77.57	34.50	37.82	3.32	42.41
GMW-29	08/22/16	77.57	35.16	35.67	0.51	42.31
GMW-29	10/03/16	77.57	35.75	36.00	0.25	41.77
GMW-29	10/03/16	77.57	35.75	36.00	0.25	NC
GMW-29	04/17/17	77.57	31.74	33.80	2.06	45.42
GMW-29	10/02/17	77.57	35.87	36.05	0.18	NC
GMW-29	11/05/18	77.57	35.62	35.68	0.06	41.94
GMW-29	04/16/19	77.57	---	34.92	---	42.65
GMW-29	10/28/19	77.57	---	36.10	---	41.47
GMW-29	05/04/20	77.57	---	33.38	---	44.19
GMW-29	11/02/20	77.57	---	34.18	---	43.39
GMW-29	02/24/21	77.57	34.38	34.65	0.27	43.14
GMW-29	05/03/21	77.57	34.15	34.53	0.38	43.34
GMW-30	11/20/96	74.91	27.51	29.60	2.09	46.98
GMW-30	07/01/97	74.91	28.96	30.32	1.36	45.68
GMW-30	12/31/97	74.91	27.80	29.74	1.94	46.72
GMW-30	05/01/98	74.91	19.11	24.27	5.16	54.77
GMW-30	05/04/99	74.91	25.45	31.56	6.11	48.24
GMW-30	08/09/99	74.91	25.76	30.10	4.34	48.28
GMW-30	11/15/99	74.91	27.20	27.57	0.37	47.64
GMW-30	05/15/00	74.91	27.27	27.60	0.33	47.57
GMW-30	11/13/00	74.91	26.55	26.59	0.04	48.35
GMW-30	05/07/01	74.91	---	28.47	---	46.44
GMW-30	08/07/01	74.91	---	25.60	---	49.31
GMW-30	11/05/01	74.91	25.96	26.00	0.04	48.94
GMW-30	04/08/02	74.91	26.35	26.53	0.18	48.52
GMW-30	10/21/02	74.91	27.32	27.51	0.19	47.55
GMW-30	04/07/03	74.91	26.75	26.77	0.02	48.16
GMW-30	10/06/03	74.91	26.45	26.51	0.06	48.45
GMW-30	01/11/04	74.91	27.91	27.97	0.06	46.99
GMW-30	04/19/04	74.91	27.49	27.60	0.11	47.40
GMW-30	05/10/05	74.91	---	23.63	---	51.28
GMW-30	10/31/05	74.91	---	26.71	---	48.20
GMW-30	05/01/06	74.91	---	23.91	---	51.00
GMW-30	12/04/06	74.91	---	24.73	---	50.18
GMW-30	04/30/07	74.91	---	24.99	---	49.92
GMW-30	08/28/07	74.91	---	24.65	---	50.26
GMW-30	08/28/07	74.91	---	24.65	---	50.26
GMW-30	11/12/07	74.91	---	25.38	---	49.53
GMW-30	04/14/08	74.91	---	25.65	---	49.26

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-30	11/04/08	74.91	---	26.52	---	48.39
GMW-30	04/20/09	74.91	---	26.30	---	48.61
GMW-30	10/19/09	74.91	---	27.40	---	47.51
GMW-30	05/24/10	74.91	---	27.32	---	47.59
GMW-30	05/28/10	74.91	---	27.18	---	47.73
GMW-30	10/04/10	74.91	---	27.30	---	47.61
GMW-30	01/10/11	74.91	---	28.61	---	46.30
GMW-30	04/11/11	74.91	---	26.43	---	48.48
GMW-30	07/11/11	74.91	---	NM	---	NC
GMW-30	10/10/11	74.91	---	26.55	---	48.36
GMW-30	01/09/12	74.91	---	27.12	---	47.79
GMW-30	04/16/12	74.91	---	29.09	---	45.82
GMW-30	07/09/12	74.91	---	28.43	---	46.48
GMW-30	10/15/12	74.91	---	28.40	---	46.51
GMW-30	01/14/13	74.91	---	29.59	---	45.32
GMW-30	04/08/13	74.91	---	29.31	---	45.60
GMW-30	10/07/13	74.91	---	30.32	---	44.59
GMW-30	04/14/14	74.91	---	30.60	---	44.31
GMW-30	10/27/14	74.91	30.12	33.74	3.62	44.07
GMW-30	04/20/15	74.91	31.01	32.77	1.76	43.55
GMW-30	10/19/15	74.91	31.80	32.92	1.12	42.89
GMW-30	03/14/16	74.91	---	36.22	---	38.69
GMW-30	04/11/16	74.91	---	34.01	---	40.90
GMW-30	06/29/16	74.91	---	35.28	---	39.63
GMW-30	08/22/16	74.91	---	35.40	---	39.51
GMW-30	10/03/16	74.91	---	36.30	---	38.61
GMW-30	10/03/16	74.91	---	36.30	---	38.61
GMW-30	04/17/17	74.91	32.16	32.53	0.37	42.68
GMW-30	10/02/17	74.91	---	36.21	---	38.70
GMW-30	11/05/18	74.91	35.73	35.75	0.02	39.18
GMW-30	04/16/19	74.91	---	34.73	---	40.18
GMW-30	10/28/19	74.91	---	35.98	---	38.93
GMW-30	05/04/20	74.91	---	33.36	---	41.55
GMW-30	11/02/20	74.91	---	33.76	---	41.15
GMW-30	05/03/21	74.91	34.25	34.29	0.04	40.65
GMW-31	11/20/96	76.50	---	30.18	---	46.32
GMW-31	07/01/97	76.50	---	30.11	---	46.39
GMW-31	12/31/97	76.50	---	30.03	---	46.47
GMW-31	05/01/98	76.50	---	27.26	---	49.24
GMW-31	05/25/99	76.50	---	28.07	---	48.43
GMW-31	05/15/00	76.50	---	28.70	---	47.80
GMW-31	11/13/00	76.50	---	28.33	---	48.17
GMW-31	05/07/01	76.50	---	27.48	---	49.02
GMW-31	04/08/02	76.50	---	28.94	---	47.56
GMW-31	10/21/02	76.50	---	28.72	---	47.78
GMW-31	04/07/03	76.50	---	28.44	---	48.06
GMW-31	10/06/03	76.50	---	28.48	---	48.02
GMW-31	04/19/04	76.50	---	29.99	---	46.51
GMW-31	11/01/04	76.50	---	29.16	---	47.34
GMW-31	05/02/05	76.50	---	24.57	---	51.93

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-31	05/01/06	76.50	---	26.10	---	50.40
GMW-31	08/26/06	76.50	---	26.49	---	50.01
GMW-31	12/01/06	76.50	---	26.84	---	49.66
GMW-31	04/30/07	76.50	---	27.34	---	49.16
GMW-31	11/12/07	76.50	---	27.91	---	48.59
GMW-31	04/11/08	76.50	---	27.57	---	48.93
GMW-31	07/24/08	76.50	---	27.91	---	48.59
GMW-31	10/14/08	76.50	---	28.57	---	47.93
GMW-31	02/10/09	76.50	---	28.87	---	47.63
GMW-31	04/20/09	76.50	---	28.41	---	48.09
GMW-31	10/19/09	76.50	---	29.28	---	47.22
GMW-31	04/08/10	76.50	---	28.91	---	47.59
GMW-31	04/12/10	76.50	---	28.71	---	47.79
GMW-31	01/07/11	76.50	---	29.40	---	47.10
GMW-31	04/08/11	76.50	---	28.13	---	48.37
GMW-31	07/08/11	76.50	---	28.34	---	48.16
GMW-31	10/06/11	76.50	---	28.87	---	47.63
GMW-31	04/12/12	76.50	---	30.04	---	46.46
GMW-31	04/16/12	76.50	---	29.81	---	46.69
GMW-31	01/11/13	76.50	---	31.35	---	45.15
GMW-31	04/03/13	76.50	---	31.26	---	45.24
GMW-31	04/08/13	76.50	---	31.08	---	45.42
GMW-31	10/02/13	76.50	---	31.98	---	44.52
GMW-31	04/07/14	76.50	---	32.76	---	43.74
GMW-31	04/14/14	76.50	---	32.36	---	44.14
GMW-31	10/27/14	76.50	---	32.88	---	43.62
GMW-31	04/20/15	76.50	---	33.21	---	43.29
GMW-31	04/11/16	76.50	---	NM	---	NC
GMW-31	10/03/16	76.50	---	NM	---	NC
GMW-31	04/17/17	76.50	---	32.03	---	44.47
GMW-31	10/03/17	76.50	---	33.18	---	43.32
GMW-31	04/16/18	76.50	---	33.77	---	42.73
GMW-31	11/05/18	76.50	---	34.32	---	42.18
GMW-31	04/15/19	---	---	NM	---	NC
GMW-31	10/28/19	76.50	---	34.35	---	42.15
GMW-31	05/04/20	76.50	---	33.31	---	NC
GMW-31	10/19/20	76.50	---	33.75	---	42.75
GMW-31	11/02/20	76.50	---	33.75	---	42.75
GMW-31	05/04/21	76.50	---	34.97	---	NC
GMW-32	11/20/96	74.62	---	27.79	---	46.83
GMW-32	07/01/97	74.62	---	26.99	---	47.63
GMW-32	12/31/97	74.62	---	27.38	---	47.24
GMW-32	05/01/98	74.62	---	24.23	---	50.39
GMW-32	05/25/99	74.62	---	25.52	---	49.10
GMW-32	05/15/00	74.62	---	26.16	---	48.46
GMW-32	11/13/00	74.62	---	26.73	---	47.89
GMW-32	05/07/01	74.62	---	24.93	---	49.69
GMW-32	02/01/02	74.62	---	25.35	---	49.27
GMW-32	04/08/02	74.62	---	26.52	---	48.10
GMW-32	10/21/02	74.62	---	27.09	---	47.53

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-32	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	11/02/20	74.62	---	NM	---	NC
GMW-32R	10/03/17	76.93	---	NM	---	NC
GMW-32R	04/16/18	76.93	---	NM	---	NC
GMW-32R	11/05/18	76.93	---	NM	---	NC
GMW-32R	04/19/19	76.93	---	NM	---	NC
GMW-32R	10/29/19	76.93	---	NM	---	NC
GMW-32R	05/05/20	76.93	---	DRY	---	NC
GMW-32R	05/04/21	76.93	---	DRY	---	DRY
GMW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-33	02/01/02	74.88	---	25.32	---	49.56
GMW-33	04/08/02	74.88	---	26.55	---	48.33
GMW-33	10/21/02	74.88	---	27.15	---	47.73
GMW-33	04/07/03	74.88	---	26.22	---	48.66
GMW-33	10/06/03	74.88	---	26.06	---	48.82
GMW-33	04/19/04	74.88	---	28.89	---	45.99
GMW-33	11/01/04	74.88	---	27.47	---	47.41
GMW-33	05/02/05	74.88	---	21.50	---	53.38
GMW-33	03/06/06	74.88	---	23.94	---	50.94
GMW-33	05/01/06	74.88	---	23.90	---	50.98
GMW-33	08/26/06	74.88	---	24.38	---	50.50
GMW-33	12/01/06	74.88	---	24.90	---	49.98
GMW-33	03/21/07	74.88	---	25.61	---	49.27
GMW-33	04/30/07	74.88	---	25.44	---	49.44
GMW-33	08/28/07	74.88	---	25.94	---	48.94
GMW-33	11/12/07	74.88	---	25.97	---	48.91
GMW-33	02/05/08	74.88	---	26.87	---	48.01
GMW-33	04/11/08	74.88	---	25.58	---	49.30
GMW-33	07/24/08	74.88	---	26.11	---	48.77
GMW-33	10/13/08	74.88	---	26.93	---	47.95
GMW-33	02/10/09	74.88	---	27.05	---	47.83
GMW-33	07/16/09	74.88	---	27.41	---	47.47
GMW-33	04/07/10	74.88	---	26.82	---	48.06
GMW-33	10/01/10	74.88	---	27.43	---	47.45
GMW-33	04/07/11	74.88	---	NM	---	NC
GMW-33	10/06/11	74.88	---	NM	---	NC
GMW-33	04/12/12	74.88	---	NM	---	NC
GMW-33	01/10/13	74.88	---	NM	---	NC
GMW-33	04/03/13	74.88	---	NM	---	NC
GMW-33	10/02/13	74.88	---	NM	---	NC
GMW-33	04/09/14	74.88	---	NM	---	NC
GMW-33	10/27/14	74.88	---	NM	---	NC
GMW-33	04/11/16	74.88	---	NM	---	NC
GMW-33	10/03/16	74.88	---	NM	---	NC
GMW-33	04/18/17	74.88	---	DRY	---	NC
GMW-33	10/03/17	74.88	---	NM	---	NC
GMW-33	04/16/18	74.88	---	NM	---	NC
GMW-33	11/05/18	74.88	---	NM	---	NC
GMW-33	04/19/19	74.88	---	NM	---	NC
GMW-33	10/28/19	74.88	---	NM	---	NC
GMW-33	05/04/20	74.88	---	DRY	---	NC
GMW-33	11/02/20	74.88	---	NM	---	NC
GMW-33	05/03/21	74.88	---	DRY	---	DRY
GMW-34	11/20/96	75.25	27.69	31.87	4.18	46.72
GMW-34	07/01/97	75.25	28.10	32.06	3.96	46.36
GMW-34	12/31/97	75.25	27.88	31.81	3.93	46.58
GMW-34	05/01/98	75.25	25.66	25.92	0.26	49.54
GMW-34	05/25/99	75.25	---	26.80	---	48.45
GMW-34	05/15/00	75.25	---	27.46	---	47.79
GMW-34	11/13/00	75.25	---	27.05	---	48.20

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-34	05/07/01	75.25	---	26.12	---	49.13
GMW-34	04/08/02	75.25	---	27.26	---	47.99
GMW-34	10/21/02	75.25	---	27.64	---	47.61
GMW-34	04/07/03	75.25	---	26.98	---	48.27
GMW-34	10/06/03	75.25	---	27.03	---	48.22
GMW-34	04/19/04	75.25	---	28.53	---	46.72
GMW-34	11/01/04	75.25	---	28.26	---	46.99
GMW-34	05/02/05	75.25	---	22.79	---	52.46
GMW-34	05/01/06	75.25	---	24.50	---	50.75
GMW-34	12/01/06	75.25	---	25.56	---	49.69
GMW-34	04/30/07	75.25	---	25.88	---	49.37
GMW-34	11/12/07	75.25	---	NM	---	NC
GMW-34	04/11/08	75.25	---	NM	---	NC
GMW-34	10/14/08	75.25	---	NM	---	NC
GMW-34	10/01/10	75.25	---	27.85	---	47.40
GMW-34	04/12/12	75.25	---	NM	---	NC
GMW-35	11/20/96	76.12	28.69	33.01	4.32	46.57
GMW-35	07/01/97	76.12	27.75	31.38	3.63	47.64
GMW-35	12/31/97	76.12	28.10	32.18	4.08	47.20
GMW-35	05/01/98	76.12	24.97	25.28	0.31	51.09
GMW-35	05/25/99	76.12	26.93	27.65	0.72	49.05
GMW-35	05/15/00	76.12	27.67	28.26	0.59	48.33
GMW-35	11/13/00	76.12	---	29.38	---	46.74
GMW-35	05/07/01	76.12	---	26.80	---	49.32
GMW-35	04/08/02	76.12	---	28.39	---	47.73
GMW-35	09/19/02	76.12	28.56	28.95	0.39	47.48
GMW-35	10/21/02	76.12	---	29.03	---	47.09
GMW-35	04/07/03	76.12	28.10	28.15	0.05	48.01
GMW-35	10/06/03	76.12	---	27.58	---	48.54
GMW-35	04/19/04	76.12	28.46	28.49	0.03	47.65
GMW-35	11/01/04	76.12	28.71	28.78	0.07	47.40
GMW-35	02/28/05	76.12	---	24.73	---	51.39
GMW-35	05/02/05	76.12	---	23.26	---	52.86
GMW-35	03/06/06	76.12	---	25.14	---	50.98
GMW-35	05/01/06	76.12	---	25.37	---	50.75
GMW-35	08/26/06	76.12	---	25.83	---	50.29
GMW-35	12/01/06	76.12	---	26.27	---	49.85
GMW-35	03/21/07	76.12	---	26.72	---	49.40
GMW-35	04/30/07	76.12	---	26.74	---	49.38
GMW-35	08/28/07	76.12	---	27.02	---	49.10
GMW-35	11/12/07	76.12	---	27.32	---	48.80
GMW-35	02/05/08	76.12	---	27.98	---	48.14
GMW-35	04/14/08	76.12	---	26.85	---	49.27
GMW-35	10/13/08	76.12	28.28	28.31	0.03	47.83
GMW-35	02/10/09	76.12	---	27.70	---	48.42
GMW-35	04/20/09	76.12	---	28.94	---	47.18
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-35	01/08/11	76.12	29.03	29.04	0.01	47.09
GMW-35	04/12/12	76.12	29.44	29.51	0.07	46.67
GMW-35	04/20/12	76.12	---	29.38	---	46.74
GMW-35	04/05/13	76.12	30.61	30.83	0.22	45.47
GMW-35	04/08/13	76.12	30.58	30.80	0.22	45.50
GMW-35	10/02/13	76.12	31.38	31.71	0.33	44.67
GMW-35	04/09/14	76.12	31.95	31.97	0.02	44.17
GMW-35	04/16/14	76.12	31.95	32.15	0.20	44.13
GMW-35	10/27/14	76.12	32.16	32.18	0.02	43.96
GMW-35	10/19/20	76.12	---	34.69	---	41.21
GMW-35	11/02/20	76.12	---	34.69	---	41.21
GMW-35R	10/03/17	75.90	---	38.07	---	37.83
GMW-35R	04/16/18	75.90	---	38.75	---	37.15
GMW-35R	11/05/18	75.90	---	39.51	---	36.39
GMW-35R	04/22/19	75.90	---	37.85	---	38.05
GMW-35R	10/29/19	75.90	---	38.75	---	37.15
GMW-35R	05/05/20	75.90	---	34.12	---	41.78
GMW-35R	05/04/21	75.90	---	39.12	---	36.78
GMW-36	11/20/96	74.53	26.56	26.82	0.26	47.92
GMW-36	07/01/97	74.53	25.09	25.71	0.62	49.32
GMW-36	12/31/97	74.53	---	26.74	---	47.79
GMW-36	05/04/99	74.53	---	23.68	---	50.85
GMW-36	08/09/99	74.53	---	24.80	---	49.73
GMW-36	11/15/99	74.53	---	25.48	---	49.05
GMW-36	05/15/00	74.53	---	25.01	---	49.52
GMW-36	11/13/00	74.53	---	25.96	---	48.57
GMW-36	02/05/01	74.53	---	25.41	---	49.12
GMW-36	05/07/01	74.53	---	23.37	---	51.16
GMW-36	05/10/01	74.53	---	23.43	---	51.10
GMW-36	09/18/01	74.53	---	23.95	---	50.58
GMW-36	11/05/01	74.53	---	24.24	---	50.29
GMW-36	01/29/02	74.53	---	24.60	---	49.93
GMW-36	04/08/02	74.53	---	24.92	---	49.61
GMW-36	07/29/02	74.53	---	25.92	---	48.61
GMW-36	10/21/02	74.53	25.54	29.46	3.92	48.21
GMW-36	11/04/02	74.53	25.55	29.05	3.50	48.28
GMW-36	01/27/03	74.53	26.75	28.02	1.27	47.53
GMW-36	04/07/03	74.53	26.63	27.47	0.84	47.73
GMW-36	05/02/05	74.53	20.03	21.23	1.20	54.26
GMW-36	10/31/05	74.53	22.69	22.73	0.04	51.83
GMW-36	05/01/06	74.53	22.80	22.91	0.11	51.71
GMW-36	12/04/06	74.53	---	23.86	---	50.67
GMW-36	03/12/07	74.53	---	24.29	---	50.24
GMW-36	04/30/07	74.53	---	24.40	---	50.13
GMW-36	08/28/07	74.53	---	24.31	---	50.22
GMW-36	11/12/07	74.53	24.85	24.86	0.01	49.68
GMW-36	02/19/08	74.53	---	25.50	---	49.03
GMW-36	04/14/08	74.53	---	24.61	---	49.92
GMW-36	08/08/08	74.53	26.14	26.20	0.06	48.38
GMW-36	10/16/08	74.77	26.09	26.11	0.02	48.68

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-36	12/18/08	74.53	28.65	28.70	0.05	45.87
GMW-36	01/15/09	74.53	27.45	27.73	0.28	47.02
GMW-36	02/20/09	74.53	26.35	26.39	0.04	48.17
GMW-36	02/23/09	74.53	25.80	26.13	0.33	48.66
GMW-36	03/24/09	74.53	---	29.83	---	44.70
GMW-36	04/20/09	74.53	25.59	25.63	0.04	48.93
GMW-36	07/17/09	74.53	---	27.40	---	47.13
GMW-36	07/20/09	74.53	---	25.90	---	48.63
GMW-36	07/21/09	74.53	---	26.03	---	48.50
GMW-36	07/22/09	74.53	---	25.90	---	48.63
GMW-36	10/19/09	74.53	26.45	26.56	0.11	48.06
GMW-36	02/04/10	74.53	26.80	26.93	0.13	47.70
GMW-36	03/15/10	74.53	---	26.80	---	47.73
GMW-36	04/16/10	74.53	---	26.90	---	47.63
GMW-36	05/24/10	74.53	25.90	25.96	0.06	48.62
GMW-36	05/28/10	74.53	25.88	25.94	0.06	48.64
GMW-36	06/22/10	74.53	25.91	25.94	0.03	48.61
GMW-36	07/12/10	74.53	---	NM	---	NC
GMW-36	08/12/10	74.53	---	NM	---	NC
GMW-36	09/20/10	74.53	---	NM	---	NC
GMW-36	10/04/10	74.53	---	26.90	---	47.63
GMW-36	10/24/10	74.53	---	26.90	---	47.63
GMW-36	11/23/10	74.53	27.10	27.35	0.25	47.38
GMW-36	12/22/10	74.53	26.84	28.35	1.51	47.39
GMW-36	01/10/11	74.53	27.70	29.10	1.40	46.55
GMW-36	02/24/11	74.53	---	NM	---	NC
GMW-36	03/23/11	74.53	---	NM	---	NC
GMW-36	04/12/11	74.53	25.05	26.98	1.93	49.09
GMW-36	05/13/11	74.53	---	NM	---	NC
GMW-36	06/22/11	74.53	---	NM	---	NC
GMW-36	07/11/11	74.53	---	NM	---	NC
GMW-36	08/19/11	74.53	---	NM	---	NC
GMW-36	09/22/11	74.53	---	NM	---	NC
GMW-36	10/10/11	74.53	---	25.96	---	48.57
GMW-36	11/28/11	74.53	---	NM	---	NC
GMW-36	12/02/11	74.53	---	26.71	---	47.82
GMW-36	12/21/11	74.53	---	28.17	---	46.36
GMW-36	01/09/12	74.53	---	27.26	---	47.27
GMW-36	02/23/12	74.53	---	27.85	---	46.68
GMW-36	03/28/12	74.53	---	NM	---	NC
GMW-36	04/16/12	74.53	---	27.34	---	47.19
GMW-36	05/25/12	74.53	---	NM	---	NC
GMW-36	06/15/12	---	---	33.27	---	NC
GMW-36	07/09/12	---	---	33.71	---	NC
GMW-36	08/29/12	---	---	NM	---	NC
GMW-36	09/26/12	---	---	NM	---	NC
GMW-36	10/15/12	76.66	---	32.11	---	44.55
GMW-36	11/29/12	76.66	31.68	33.93	2.25	44.53
GMW-36	12/26/12	76.66	30.36	34.86	4.50	45.40
GMW-36	01/14/13	76.66	30.42	34.12	3.70	45.50

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-36	02/20/13	76.66	---	NM	---	NC
GMW-36	04/10/13	76.66	29.75	32.42	2.67	46.38
GMW-36	10/07/13	76.66	30.72	34.65	3.93	45.15
GMW-36	04/25/14	76.66	31.12	34.71	3.59	44.82
GMW-36	05/20/14	76.66	31.50	34.95	3.45	44.47
GMW-36	05/27/14	76.66	31.29	34.53	3.24	44.72
GMW-36	06/04/14	76.66	31.50	34.93	3.43	44.47
GMW-36	08/13/14	76.66	31.27	34.86	3.59	44.67
GMW-36	08/19/14	76.66	31.39	34.20	2.81	44.71
GMW-36	08/29/14	76.66	31.32	34.31	2.99	44.74
GMW-36	09/05/14	76.66	31.37	34.35	2.98	44.69
GMW-36	09/11/14	76.66	31.23	35.00	3.77	44.68
GMW-36	09/18/14	76.66	31.50	34.42	2.92	44.58
GMW-36	09/26/14	76.66	31.48	34.15	2.67	44.65
GMW-36	10/01/14	76.66	31.61	33.51	1.90	44.67
GMW-36	10/06/14	76.66	31.63	33.29	1.66	44.70
GMW-36	10/14/14	76.66	31.55	33.48	1.93	44.72
GMW-36	10/23/14	76.66	31.57	33.64	2.07	44.68
GMW-36	10/27/14	76.66	31.79	33.02	1.23	44.62
GMW-36	11/03/14	76.66	31.57	33.75	2.18	44.65
GMW-36	11/18/14	76.66	31.75	33.17	1.42	44.63
GMW-36	11/25/14	76.66	31.86	33.13	1.27	44.55
GMW-36	12/03/14	76.66	31.75	32.93	1.18	44.67
GMW-36	04/20/15	76.66	32.20	33.64	1.44	44.17
GMW-36	10/21/15	76.66	33.16	33.55	0.39	43.42
GMW-36	04/12/16	76.66	34.03	34.30	0.27	42.58
GMW-36	10/03/16	76.66	34.65	35.05	0.40	41.93
GMW-36	10/03/16	76.66	34.65	35.05	0.40	NC
GMW-36	04/17/17	76.66	---	32.96	---	43.70
GMW-36	10/02/17	76.66	---	34.10	---	42.56
GMW-36	11/05/18	76.66	---	35.91	---	40.75
GMW-36	04/23/19	76.66	---	33.56	---	43.10
GMW-36	10/28/19	76.66	---	34.86	---	NC
GMW-36	05/04/20	76.66	---	31.03	---	45.63
GMW-36	11/02/20	76.66	---	NM	---	NC
GMW-36	02/24/21	76.66	---	35.18	---	41.48
GMW-36	05/03/21	76.66	---	30.69	---	45.97
GMW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-37	04/08/02	77.32	---	27.94	---	49.38
GMW-37	10/21/02	77.32	---	29.11	---	48.21
GMW-37	01/27/03	77.32	---	28.74	---	48.58
GMW-37	04/07/03	77.32	---	28.30	---	49.02
GMW-37	07/31/03	77.32	---	28.02	---	49.30
GMW-37	10/06/03	77.32	---	27.92	---	49.40
GMW-37	01/11/04	77.32	---	29.62	---	47.70
GMW-37	01/27/04	77.32	---	28.81	---	48.51
GMW-37	04/19/04	77.32	---	28.91	---	48.41
GMW-37	07/19/04	77.32	---	28.91	---	48.41
GMW-37	02/01/05	77.32	---	27.77	---	49.55
GMW-37	05/02/05	77.32	---	23.34	---	53.98
GMW-37	08/01/05	77.32	---	24.61	---	52.71
GMW-37	10/31/05	77.32	---	25.35	---	51.97
GMW-37	02/27/06	77.32	---	25.81	---	51.51
GMW-37	05/01/06	77.32	---	25.86	---	51.46
GMW-37	09/18/06	77.32	---	24.62	---	52.70
GMW-37	12/04/06	77.32	---	26.83	---	50.49
GMW-37	04/30/07	77.32	---	27.18	---	50.14
GMW-37	11/12/07	77.32	---	27.61	---	49.71
GMW-37	04/14/08	77.32	---	27.60	---	49.72
GMW-37	10/13/08	77.32	---	28.56	---	48.76
GMW-37	04/20/09	77.32	---	28.54	---	48.78
GMW-37	10/19/09	77.32	---	29.47	---	47.85
GMW-37	05/24/10	77.32	---	29.25	---	48.07
GMW-37	05/28/10	77.32	---	29.20	---	48.12
GMW-37	10/04/10	77.32	---	29.50	---	47.82
GMW-37	01/10/11	77.32	---	29.90	---	47.42
GMW-37	04/11/11	77.32	---	28.31	---	49.01
GMW-37	07/11/11	77.32	---	NM	---	NC
GMW-37	10/10/11	77.32	---	29.00	---	48.32
GMW-37	01/09/12	77.32	---	29.72	---	47.60
GMW-37	04/16/12	77.32	---	30.10	---	47.22
GMW-37	07/09/12	77.32	---	30.86	---	46.46
GMW-37	10/15/12	77.32	---	30.90	---	46.42
GMW-37	01/14/13	77.32	---	31.79	---	45.53
GMW-37	04/08/13	77.32	---	31.69	---	45.63
GMW-37	10/07/13	77.32	---	32.51	---	44.81
GMW-37	04/14/14	77.32	---	32.55	---	44.77
GMW-37	10/27/14	77.32	---	32.97	---	44.35
GMW-37	04/20/15	77.32	---	33.51	---	43.81
GMW-37	10/19/15	77.32	---	34.11	---	43.21
GMW-37	04/11/16	77.32	---	35.20	---	42.12
GMW-37	10/03/16	77.32	---	35.10	---	42.22
GMW-37	10/03/16	77.32	---	35.10	---	42.22
GMW-37	04/17/17	77.32	---	33.68	---	43.64
GMW-37	10/02/17	77.32	---	35.53	---	41.79
GMW-37	11/05/18	77.32	---	36.89	---	40.43
GMW-37	04/16/19	77.32	---	34.82	---	42.50
GMW-37	10/28/19	77.32	---	36.30	---	41.02

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-37	05/04/20	77.32	---	35.03	---	42.29
GMW-37	11/02/20	77.32	---	34.00	---	43.32
GMW-37	05/03/21	77.32	---	35.94	---	41.38
GMW-38	11/20/96	75.47	---	28.09	---	47.38
GMW-38	05/03/99	75.47	---	26.08	---	49.39
GMW-38	08/09/99	75.47	---	26.42	---	49.05
GMW-38	11/15/99	75.47	---	26.97	---	48.50
GMW-38	05/15/00	75.47	---	26.53	---	48.94
GMW-38	11/13/00	75.47	---	27.24	---	48.23
GMW-38	05/07/01	75.47	---	25.14	---	50.33
GMW-38	11/05/01	75.47	---	25.84	---	49.63
GMW-38	02/01/02	75.47	---	25.91	---	49.56
GMW-38	04/08/02	75.47	---	26.52	---	48.95
GMW-38	10/21/02	75.47	---	27.39	---	48.08
GMW-38	01/27/03	75.47	---	27.05	---	48.42
GMW-38	04/07/03	75.47	---	26.47	---	49.00
GMW-38	07/31/03	75.47	---	26.26	---	49.21
GMW-38	10/06/03	75.47	---	26.51	---	48.96
GMW-38	01/11/04	75.47	---	27.91	---	47.56
GMW-38	01/27/04	75.47	---	27.04	---	48.43
GMW-38	04/19/04	75.47	---	27.15	---	48.32
GMW-38	07/19/04	75.47	---	27.26	---	48.21
GMW-38	02/01/05	75.47	---	25.99	---	49.48
GMW-38	05/02/05	75.47	---	28.53	---	46.94
GMW-38	08/01/05	75.47	---	22.91	---	52.56
GMW-38	10/31/05	75.47	---	23.65	---	51.82
GMW-38	02/27/06	75.47	---	24.04	---	51.43
GMW-38	05/01/06	75.47	---	24.09	---	51.38
GMW-38	09/18/06	75.47	---	24.85	---	50.62
GMW-38	12/04/06	75.47	---	25.07	---	50.40
GMW-38	03/12/07	75.47	---	25.48	---	49.99
GMW-38	04/30/07	75.47	---	25.42	---	50.05
GMW-38	08/28/07	75.47	---	25.29	---	50.18
GMW-38	11/12/07	75.47	---	25.89	---	49.58
GMW-38	04/14/08	75.47	---	25.81	---	49.66
GMW-38	10/13/08	75.47	---	26.72	---	48.75
GMW-38	04/20/09	75.47	---	27.05	---	48.42
GMW-38	07/20/09	75.47	---	27.21	---	48.26
GMW-38	10/19/09	75.47	---	27.78	---	47.69
GMW-38	03/15/10	75.47	---	27.92	---	47.55
GMW-38	05/24/10	75.47	---	27.50	---	47.97
GMW-38	05/28/10	75.47	---	27.40	---	48.07
GMW-38	10/04/10	75.47	---	27.77	---	47.70
GMW-38	01/10/11	75.47	---	28.00	---	47.47
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-38	10/15/12	75.47	---	29.75	---	45.72
GMW-38	01/14/13	75.47	---	30.18	---	45.29
GMW-38	04/08/13	75.47	---	30.07	---	45.40
GMW-38	10/07/13	75.47	---	30.31	---	45.16
GMW-38	04/14/14	75.47	---	30.76	---	44.71
GMW-38	10/27/14	75.47	---	31.16	---	44.31
GMW-38	04/20/15	75.47	---	31.59	---	43.88
GMW-38	10/19/15	75.47	---	32.33	---	43.14
GMW-38	04/11/16	75.47	---	33.45	---	42.02
GMW-38	10/03/16	75.47	---	34.10	---	41.37
GMW-38	10/03/16	75.47	---	34.10	---	41.37
GMW-38	04/17/17	75.47	---	31.83	---	43.64
GMW-38	10/02/17	75.47	---	33.55	---	41.92
GMW-38	11/05/18	75.47	---	35.05	---	40.42
GMW-38	04/16/19	75.47	---	32.81	---	42.66
GMW-38	10/28/19	75.47	---	34.38	---	41.09
GMW-38	05/04/20	75.47	---	33.22	---	42.25
GMW-38	11/02/20	75.47	---	32.14	---	43.33
GMW-38	05/03/21	75.47	---	34.15	---	41.32
GMW-39	11/20/96	75.05	---	27.68	---	47.37
GMW-39	05/03/99	75.05	---	25.50	---	49.55
GMW-39	08/09/99	75.05	---	25.99	---	49.06
GMW-39	11/15/99	75.05	---	26.52	---	48.53
GMW-39	05/15/00	75.05	---	25.95	---	49.10
GMW-39	11/13/00	75.05	---	26.88	---	48.17
GMW-39	05/07/01	75.05	---	24.64	---	50.41
GMW-39	11/05/01	75.05	---	25.28	---	49.77
GMW-39	02/01/02	75.05	---	25.20	---	49.85
GMW-39	04/08/02	75.05	---	26.11	---	48.94
GMW-39	10/21/02	75.05	---	27.19	---	47.86
GMW-39	01/27/03	75.05	---	26.67	---	48.38
GMW-39	04/07/03	75.05	---	26.05	---	49.00
GMW-39	07/31/03	75.05	---	25.79	---	49.26
GMW-39	10/06/03	75.05	---	26.04	---	49.01
GMW-39	01/11/04	75.05	---	27.54	---	47.51
GMW-39	01/27/04	75.05	---	26.63	---	48.42
GMW-39	04/19/04	75.05	---	26.04	---	49.01
GMW-39	07/19/04	75.05	---	26.78	---	48.27
GMW-39	02/01/05	75.05	---	25.41	---	49.64
GMW-39	05/02/05	75.05	---	20.34	---	54.71
GMW-39	08/01/05	75.05	---	22.23	---	52.82
GMW-39	10/31/05	75.05	---	22.90	---	52.15
GMW-39	02/27/06	75.05	---	23.48	---	51.57
GMW-39	05/01/06	75.05	---	23.60	---	51.45
GMW-39	09/18/06	75.05	---	24.37	---	50.68
GMW-39	12/04/06	75.05	---	24.64	---	50.41
GMW-39	03/12/07	75.05	---	25.12	---	49.93
GMW-39	04/30/07	75.05	---	25.12	---	49.93
GMW-39	08/28/07	75.05	---	25.15	---	49.90
GMW-39	11/12/07	75.05	---	25.62	---	49.43

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-39	02/19/08	75.05	---	25.91	---	49.14
GMW-39	04/14/08	75.05	---	25.44	---	49.61
GMW-39	08/11/08	75.05	---	26.21	---	48.84
GMW-39	10/13/08	75.05	---	26.51	---	48.54
GMW-39	04/20/09	75.05	---	26.43	---	48.62
GMW-39	07/20/09	75.05	---	26.85	---	48.20
GMW-39	10/19/09	75.05	---	27.58	---	47.47
GMW-39	03/15/10	75.05	---	27.41	---	47.64
GMW-39	05/24/10	75.05	---	27.12	---	47.93
GMW-39	05/28/10	75.05	---	27.09	---	47.96
GMW-39	10/04/10	75.05	---	27.38	---	47.67
GMW-39	01/10/11	75.05	---	27.63	---	47.42
GMW-39	04/11/11	75.05	---	25.92	---	49.13
GMW-39	07/11/11	75.05	---	26.55	---	48.50
GMW-39	10/10/11	75.05	---	26.85	---	48.20
GMW-39	01/09/12	75.05	---	28.44	---	46.61
GMW-39	04/16/12	75.05	---	28.04	---	47.01
GMW-39	07/09/12	75.05	---	28.62	---	46.43
GMW-39	10/15/12	75.05	---	29.58	---	45.47
GMW-39	01/14/13	75.05	---	29.72	---	45.33
GMW-39	04/08/13	75.05	---	29.71	---	45.34
GMW-39	10/07/13	75.05	---	29.92	---	45.13
GMW-39	04/14/14	75.05	---	30.25	---	44.80
GMW-39	10/27/14	75.05	---	30.73	---	44.32
GMW-39	04/20/15	75.05	---	31.04	---	44.01
GMW-39	10/19/15	75.05	---	31.87	---	43.18
GMW-39	04/11/16	75.05	---	32.80	---	42.25
GMW-39	10/03/16	75.05	---	33.20	---	41.85
GMW-39	10/03/16	75.05	---	33.20	---	41.85
GMW-39	04/17/17	75.05	---	31.57	---	43.48
GMW-39	10/02/17	75.05	---	32.82	---	42.23
GMW-39	11/05/18	75.05	---	34.40	---	40.65
GMW-39	11/05/18	75.05	---	34.40	---	40.65
GMW-39	04/16/19	75.05	---	32.38	---	42.67
GMW-39	10/28/19	75.05	---	33.58	---	41.47
GMW-39	05/04/20	75.05	---	32.87	---	42.18
GMW-39	11/02/20	75.05	---	31.40	---	43.65
GMW-39	05/03/21	75.05	---	33.86	---	41.19
GMW-40	11/20/96	73.13	---	26.74	---	46.39
GMW-40	07/01/97	73.13	---	27.43	---	45.70
GMW-40	12/31/97	73.13	---	26.66	---	46.47
GMW-40	05/01/98	73.13	---	24.03	---	49.10
GMW-40	05/25/99	73.13	---	24.84	---	48.29
GMW-40	05/15/00	73.13	---	25.65	---	47.48
GMW-40	11/13/00	73.13	---	26.21	---	46.92
GMW-40	05/07/01	73.13	---	24.26	---	48.87
GMW-40	04/08/02	73.13	---	25.14	---	47.99
GMW-40	10/21/02	73.13	---	25.49	---	47.64
GMW-40	04/07/03	73.13	---	24.60	---	48.53
GMW-40	10/06/03	73.13	---	25.02	---	48.11

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-40	04/19/04	73.13	---	26.59	---	46.54
GMW-40	11/05/04	73.13	---	24.10	---	49.03
GMW-40	05/02/05	73.13	---	21.17	---	51.96
GMW-40	05/01/06	73.13	---	22.54	---	50.59
GMW-40	12/01/06	73.13	---	23.51	---	49.62
GMW-40	04/30/07	73.13	---	23.74	---	49.39
GMW-40	11/12/07	73.13	---	24.60	---	48.53
GMW-40	04/11/08	73.13	---	24.09	---	49.04
GMW-40	10/14/08	73.13	---	25.01	---	48.12
GMW-40	02/10/09	73.13	---	25.05	---	48.08
GMW-40	04/20/09	73.13	---	27.40	---	45.73
GMW-40	10/19/09	73.13	---	26.00	---	47.13
GMW-40	04/08/10	73.13	---	25.31	---	47.82
GMW-40	04/12/10	73.13	---	25.20	---	47.93
GMW-40	10/01/10	73.13	---	25.83	---	47.30
GMW-40	10/04/10	73.13	---	25.70	---	47.43
GMW-40	01/07/11	73.13	---	NM	---	NC
GMW-40	04/11/11	73.13	---	NM	---	NC
GMW-40	10/10/11	73.13	---	25.13	---	48.00
GMW-40	04/12/12	73.13	---	26.48	---	46.65
GMW-40	10/02/13	73.13	---	28.57	---	44.56
GMW-40	04/07/14	73.13	---	30.24	---	42.89
GMW-40	04/14/14	73.13	---	29.92	---	43.21
GMW-40	10/27/14	73.13	---	30.03	---	43.10
GMW-40	04/20/15	73.13	---	30.46	---	42.67
GMW-40	04/11/16	73.13	---	NM	---	NC
GMW-40	10/03/16	---	---	34.98	---	NC
GMW-40	04/20/17	73.13	---	32.80	---	40.33
GMW-40	04/16/18	---	---	NM	---	NC
GMW-40	10/28/19	---	---	NM	---	NC
GMW-40	05/05/20	73.13	---	NM	---	NC
GMW-40	11/02/20	73.13	---	NM	---	NC
GMW-40	05/04/21	73.13	---	NM	---	NC
GMW-41	11/20/96	74.46	---	27.92	---	46.54
GMW-41	07/01/97	74.46	---	28.31	---	46.15
GMW-41	12/31/97	74.46	---	27.81	---	46.65
GMW-41	05/01/98	74.46	---	25.10	---	49.36
GMW-41	05/25/99	74.46	---	26.02	---	48.44
GMW-41	05/15/00	74.46	---	26.69	---	47.77
GMW-41	11/13/00	74.46	---	27.32	---	47.14
GMW-41	05/07/01	74.46	---	25.45	---	49.01
GMW-41	04/08/02	74.46	---	26.36	---	48.10
GMW-41	10/21/02	74.46	---	26.85	---	47.61
GMW-41	04/07/03	74.46	---	26.15	---	48.31
GMW-41	10/06/03	74.46	---	26.22	---	48.24
GMW-41	04/19/04	74.46	---	27.64	---	46.82
GMW-41	11/01/04	74.46	---	27.54	---	46.92
GMW-41	05/02/05	74.46	---	22.28	---	52.18
GMW-41	05/01/06	74.46	---	23.87	---	50.59
GMW-41	12/01/06	74.46	---	24.71	---	49.75

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-41	04/30/07	74.46	---	25.06	---	49.40
GMW-41	11/12/07	74.46	---	25.87	---	48.59
GMW-41	04/11/08	74.46	---	25.44	---	49.02
GMW-41	07/24/08	74.46	---	25.80	---	48.66
GMW-41	10/14/08	74.46	---	26.35	---	48.11
GMW-41	02/10/09	74.46	---	26.58	---	47.88
GMW-41	04/20/09	74.46	---	26.61	---	47.85
GMW-41	10/19/09	74.46	---	27.34	---	47.12
GMW-41	04/08/10	74.46	---	26.64	---	47.82
GMW-41	04/12/10	74.46	---	26.44	---	48.02
GMW-41	10/04/10	74.46	---	26.91	---	47.55
GMW-41	01/07/11	74.46	---	27.58	---	46.88
GMW-41	04/08/11	74.46	---	26.01	---	48.45
GMW-41	04/11/11	74.46	---	NM	---	NC
GMW-41	07/08/11	74.46	---	26.01	---	48.45
GMW-41	10/06/11	74.46	---	26.61	---	47.85
GMW-41	10/10/11	74.46	---	26.53	---	47.93
GMW-41	04/12/12	74.46	---	27.77	---	46.69
GMW-41	04/16/12	74.46	---	27.54	---	46.92
GMW-41	01/11/13	74.46	---	29.47	---	44.99
GMW-41	04/03/13	74.46	---	29.29	---	45.17
GMW-41	04/08/13	74.46	---	29.16	---	45.30
GMW-41	10/02/13	74.46	---	29.89	---	44.57
GMW-41	04/07/14	74.46	31.05	31.07	0.02	43.41
GMW-41	04/15/14	74.46	31.05	31.14	0.09	43.39
GMW-41	10/27/14	74.46	---	30.78	---	43.68
GMW-41	04/20/15	74.46	---	31.22	---	43.24
GMW-41	04/11/16	74.46	---	NM	---	NC
GMW-41	10/03/16	---	---	35.97	---	NC
GMW-41	04/17/17	74.46	---	29.79	---	44.67
GMW-41	10/03/17	72.69	---	NM	---	NC
GMW-41	04/16/18	72.69	---	32.79	---	39.90
GMW-41	11/05/18	72.69	---	33.12	---	39.57
GMW-41	04/15/19	---	---	NM	---	NC
GMW-41	10/28/19	72.69	---	33.07	---	39.62
GMW-41	05/04/20	72.69	---	31.11	---	NC
GMW-41	11/02/20	74.46	---	31.99	---	40.70
GMW-41	05/03/21	72.69	---	32.34	---	NC
GMW-42	11/20/96	75.50	28.87	29.55	0.68	46.49
GMW-42	07/01/97	75.50	29.06	29.52	0.46	46.35
GMW-42	12/31/97	75.50	---	28.87	---	46.63
GMW-42	05/01/98	75.50	---	26.18	---	49.32
GMW-42	05/25/99	75.50	---	26.99	---	48.51
GMW-42	05/15/00	75.50	---	27.54	---	47.96
GMW-42	11/13/00	75.50	---	28.32	---	47.18
GMW-42	05/07/01	75.50	---	26.25	---	49.25
GMW-42	04/08/02	75.50	---	27.57	---	47.93
GMW-42	10/21/02	75.50	---	27.96	---	47.54
GMW-42	04/07/03	75.50	---	27.25	---	48.25
GMW-42	10/06/03	75.50	---	27.30	---	48.20

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-42	04/19/04	75.50	---	28.78	---	46.72
GMW-42	11/01/04	75.50	---	28.40	---	47.10
GMW-42	05/03/05	75.50	---	22.32	---	53.18
GMW-42	05/01/06	75.50	---	24.46	---	51.04
GMW-42	12/01/06	75.50	---	23.51	---	51.99
GMW-42	04/30/07	75.50	---	26.07	---	49.43
GMW-42	11/12/07	75.50	---	26.38	---	49.12
GMW-42	04/11/08	75.50	---	25.95	---	49.55
GMW-42	10/16/08	75.50	---	26.92	---	48.58
GMW-42	04/07/10	75.50	---	27.60	---	47.90
GMW-42	10/01/10	75.50	---	28.13	---	47.37
GMW-42	01/08/11	75.50	---	28.03	---	47.47
GMW-42	04/12/12	75.50	---	28.88	---	46.62
GMW-42	10/02/13	75.50	---	30.99	---	44.51
GMW-42	04/07/14	75.50	---	31.98	---	43.52
GMW-42	04/14/14	75.50	---	31.42	---	44.08
GMW-42	10/27/14	75.50	---	31.93	---	43.57
GMW-42	04/20/15	75.50	---	32.21	---	43.29
GMW-42	04/11/16	75.50	---	NM	---	NC
GMW-42	10/03/16	75.50	---	NM	---	NC
GMW-42	04/17/17	75.50	---	NM	---	NC
GMW-42	10/03/17	75.50	---	34.71	---	40.79
GMW-42	04/16/18	75.50	---	35.08	---	40.42
GMW-42	11/05/18	75.50	---	35.58	---	39.92
GMW-42	04/15/19	---	---	NM	---	NC
GMW-42	10/28/19	75.50	---	35.69	---	39.81
GMW-42	05/04/20	75.50	---	34.23	---	NC
GMW-42	11/02/20	75.50	---	34.74	---	40.76
GMW-42	05/03/21	75.50	---	35.20	---	NC
GMW-43	11/20/96	74.44	---	28.03	---	46.41
GMW-43	07/01/97	74.44	---	27.66	---	46.78
GMW-43	12/31/97	74.44	---	27.70	---	46.74
GMW-43	05/01/98	74.44	---	24.93	---	49.51
GMW-43	05/25/99	74.44	---	25.72	---	48.72
GMW-43	05/15/00	74.44	---	26.41	---	48.03
GMW-43	11/13/00	74.44	---	26.97	---	47.47
GMW-43	05/07/01	74.44	---	25.11	---	49.33
GMW-43	04/08/02	74.44	---	26.70	---	47.74
GMW-43	10/21/02	74.44	---	26.66	---	47.78
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-43	10/14/08	74.44	---	26.34	---	48.10
GMW-43	02/10/09	74.44	---	26.79	---	47.65
GMW-43	04/20/09	74.44	---	27.11	---	47.33
GMW-43	10/19/09	74.44	---	27.31	---	47.13
GMW-43	04/08/10	74.44	---	26.52	---	47.92
GMW-43	04/12/10	74.44	---	26.24	---	48.20
GMW-43	01/08/11	74.44	---	26.95	---	47.49
GMW-43	04/07/11	74.44	---	25.76	---	48.68
GMW-43	07/08/11	74.44	---	26.10	---	48.34
GMW-43	10/06/11	74.44	---	26.65	---	47.79
GMW-43	04/12/12	74.44	---	27.86	---	46.58
GMW-43	04/16/12	74.44	---	27.74	---	46.70
GMW-43	01/10/13	74.44	---	29.27	---	45.17
GMW-43	04/03/13	74.44	---	29.24	---	45.20
GMW-43	04/08/13	74.44	---	29.11	---	45.33
GMW-43	10/02/13	74.44	---	30.00	---	44.44
GMW-43	04/07/14	74.44	---	30.81	---	43.63
GMW-43	04/14/14	74.44	---	30.42	---	44.02
GMW-43	10/27/14	74.44	---	30.87	---	43.57
GMW-43	04/20/15	74.44	---	31.24	---	43.20
GMW-43	04/11/16	74.44	---	NM	---	NC
GMW-43	10/03/16	74.44	---	NM	---	NC
GMW-43	04/17/17	74.44	---	31.42	---	43.02
GMW-43	10/03/17	76.07	---	NM	---	NC
GMW-43	04/16/18	76.07	---	35.25	---	40.82
GMW-43	11/05/18	76.07	---	35.81	---	40.26
GMW-43	04/19/19	76.07	---	33.54	---	42.53
GMW-43	10/28/19	76.07	---	35.48	---	40.59
GMW-43	05/04/20	76.07	---	34.41	---	41.66
GMW-43	11/02/20	74.44	---	35.04	---	41.03
GMW-43	05/04/21	76.07	---	35.44	---	40.63
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-44	04/14/08	74.45	---	25.45	---	49.00
GMW-44	07/24/08	74.45	---	25.95	---	48.50
GMW-44	10/14/08	74.45	---	26.60	---	47.85
GMW-44	02/10/09	74.45	---	26.87	---	47.58
GMW-44	04/20/09	74.45	---	26.51	---	47.94
GMW-44	10/19/09	74.45	---	27.43	---	47.02
GMW-44	04/08/10	74.45	---	26.77	---	47.68
GMW-44	04/12/10	74.45	---	26.51	---	47.94
GMW-44	01/07/11	74.45	---	27.47	---	46.98
GMW-44	04/08/11	74.45	---	26.05	---	48.40
GMW-44	07/08/11	74.45	---	NM	---	NC
GMW-44	10/06/11	74.45	---	26.91	---	47.54
GMW-44	04/12/12	74.45	---	28.13	---	46.32
GMW-44	04/16/12	74.45	---	27.92	---	46.53
GMW-44	01/10/13	74.45	---	29.54	---	44.91
GMW-44	04/03/13	74.45	---	29.51	---	44.94
GMW-44	04/08/13	74.45	---	29.42	---	45.03
GMW-44	10/02/13	74.45	---	30.25	---	44.20
GMW-44	04/07/14	74.45	---	31.06	---	43.39
GMW-44	04/14/14	74.45	---	30.72	---	43.73
GMW-44	10/27/14	74.45	---	31.10	---	43.35
GMW-44	04/20/15	74.45	---	31.46	---	42.99
GMW-44	04/11/16	74.45	---	NM	---	NC
GMW-44	10/03/16	74.45	---	33.62	---	40.83
GMW-44	04/18/17	74.45	---	32.08	---	42.37
GMW-44	10/03/17	75.71	---	34.41	---	41.30
GMW-44	04/16/18	75.71	---	34.91	---	40.80
GMW-44	11/05/18	75.71	---	35.46	---	40.25
GMW-44	04/19/19	75.71	---	33.56	---	42.15
GMW-44	10/28/19	75.71	---	35.05	---	40.66
GMW-44	05/04/20	75.71	---	33.93	---	41.78
GMW-44	11/02/20	74.45	---	34.65	---	41.06
GMW-44	05/03/21	75.71	---	35.03	---	40.68
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-45	08/26/06	75.67	---	25.53	---	50.14
GMW-45	12/01/06	75.67	---	25.96	---	49.71
GMW-45	03/21/07	75.67	---	26.09	---	49.58
GMW-45	04/27/07	75.67	---	26.48	---	49.19
GMW-45	08/28/07	75.67	---	26.42	---	49.25
GMW-45	11/12/07	75.67	---	26.94	---	48.73
GMW-45	02/05/08	74.45	---	27.52	---	46.93
GMW-45	04/11/08	75.67	---	26.76	---	48.91
GMW-45	07/24/08	75.67	---	27.27	---	48.40
GMW-45	10/13/08	75.67	---	27.95	---	47.72
GMW-45	02/09/09	74.45	---	27.68	---	46.77
GMW-45	04/20/09	75.67	---	27.58	---	48.09
GMW-45	07/16/09	75.67	---	27.91	---	47.76
GMW-45	10/19/09	75.67	---	28.54	---	47.13
GMW-45	04/07/10	75.67	---	28.22	---	47.45
GMW-45	04/12/10	75.67	---	27.85	---	47.82
GMW-45	01/06/11	75.67	---	28.75	---	46.92
GMW-45	04/07/11	75.67	---	27.38	---	48.29
GMW-45	07/07/11	75.67	---	27.63	---	48.04
GMW-45	10/07/11	75.67	---	28.22	---	47.45
GMW-45	04/12/12	75.67	---	29.30	---	46.37
GMW-45	04/19/12	75.67	---	29.02	---	46.65
GMW-45	01/10/13	75.67	---	30.35	---	45.32
GMW-45	04/02/13	75.67	---	30.34	---	45.33
GMW-45	04/08/13	75.67	---	30.29	---	45.38
GMW-45	10/01/13	75.67	31.07	31.09	0.02	44.60
GMW-45	04/09/14	75.67	31.67	31.69	0.02	44.00
GMW-45	04/15/14	75.67	31.68	31.95	0.27	43.94
GMW-45	10/27/14	75.67	---	32.01	---	43.66
GMW-45	04/20/15	75.67	32.31	32.33	0.02	43.36
GMW-45	04/11/16	75.67	---	NM	---	NC
GMW-45	10/03/16	---	---	34.60	---	NC
GMW-45	04/19/17	75.67	33.30	34.72	1.42	42.09
GMW-45	10/02/17	75.67	---	34.57	---	41.10
GMW-45	04/16/18	75.67	33.33	34.78	1.45	NC
GMW-45	11/05/18	75.67	34.49	34.99	0.50	NC
GMW-45	04/15/19	75.67	---	33.74	---	41.93
GMW-45	05/10/19	75.67	---	33.51	---	42.16
GMW-45	10/30/19	75.67	---	34.08	---	41.59
GMW-45	05/05/20	75.67	---	33.66	---	42.01
GMW-45	11/02/20	75.67	---	34.02	---	41.65
GMW-45	05/04/21	75.67	---	34.42	---	41.25
GMW-46	08/26/06	76.10	---	24.72	---	51.38
GMW-46	08/28/07	75.31	---	25.89	---	49.42
GMW-47	11/20/96	75.98	---	29.43	---	46.55
GMW-47	07/01/97	75.98	---	28.34	---	47.64
GMW-47	12/31/97	75.98	---	28.90	---	47.08
GMW-47	05/01/98	75.98	---	25.79	---	50.19
GMW-47	05/25/99	75.98	---	26.91	---	49.07
GMW-47	05/15/00	75.98	---	27.61	---	48.37

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-47	11/13/00	75.98	---	28.13	---	47.85
GMW-47	02/05/01	75.98	---	27.17	---	48.81
GMW-47	05/07/01	75.98	---	26.71	---	49.27
GMW-47	04/08/02	75.98	---	27.21	---	48.77
GMW-47	09/19/02	75.98	---	28.50	---	47.48
GMW-47	10/21/02	75.98	---	29.04	---	46.94
GMW-47	04/07/03	75.98	---	27.82	---	48.16
GMW-47	10/06/03	75.98	---	27.44	---	48.54
GMW-47	04/19/04	75.98	---	28.27	---	47.71
GMW-47	11/01/04	75.98	---	28.60	---	47.38
GMW-47	02/28/05	75.98	---	24.87	---	51.11
GMW-47	05/02/05	75.98	---	23.17	---	52.81
GMW-47	03/06/06	75.98	---	24.67	---	51.31
GMW-47	05/01/06	75.98	---	25.16	---	50.82
GMW-47	08/26/06	75.98	---	25.62	---	50.36
GMW-47	12/01/06	75.98	---	26.15	---	49.83
GMW-47	03/21/07	75.98	---	26.30	---	49.68
GMW-47	04/27/07	75.98	---	26.71	---	49.27
GMW-47	08/28/07	75.98	---	26.74	---	49.24
GMW-47	11/12/07	75.98	---	27.12	---	48.86
GMW-47	02/05/08	75.98	---	27.75	---	48.23
GMW-47	04/11/08	75.98	---	26.93	---	49.05
GMW-47	07/24/08	75.98	---	27.49	---	48.49
GMW-47	10/13/08	75.98	---	28.19	---	47.79
GMW-47	02/09/09	75.98	---	28.07	---	47.91
GMW-47	04/20/09	75.98	---	27.66	---	48.32
GMW-47	07/16/09	75.98	---	28.22	---	47.76
GMW-47	07/20/09	75.98	---	28.10	---	47.88
GMW-47	10/19/09	75.98	---	28.48	---	47.50
GMW-47	01/11/10	75.98	---	29.10	---	46.88
GMW-47	04/07/10	75.98	---	NM	---	NC
GMW-47	04/12/10	75.98	---	28.52	---	47.46
GMW-47	01/06/11	75.98	---	29.05	---	46.93
GMW-47	04/07/11	75.98	---	27.50	---	48.48
GMW-47	07/07/11	75.98	---	27.83	---	48.15
GMW-47	10/06/11	75.98	---	28.41	---	47.57
GMW-47	01/10/12	75.98	---	28.71	---	47.27
GMW-47	04/12/12	75.98	---	29.55	---	46.43
GMW-47	04/20/12	75.98	---	29.26	---	46.72
GMW-47	01/10/13	75.98	---	30.57	---	45.41
GMW-47	04/02/13	75.98	---	30.55	---	45.43
GMW-47	04/08/13	75.98	---	30.55	---	45.43
GMW-47	10/01/13	75.98	---	31.28	---	44.70
GMW-47	04/09/14	75.98	---	31.79	---	44.19
GMW-47	04/15/14	75.98	---	31.62	---	44.36
GMW-47	10/27/14	75.98	---	32.11	---	43.87
GMW-47	04/20/15	75.98	---	32.45	---	43.53
GMW-47	04/11/16	75.98	---	33.79	---	42.19
GMW-47	10/03/16	75.98	---	34.25	---	41.73
GMW-47	04/19/17	75.98	---	33.55	---	42.43

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-47	10/03/17	75.98	---	34.20	---	41.78
GMW-47	04/16/18	75.98	---	34.87	---	41.11
GMW-47	11/05/18	75.98	---	35.53	---	40.45
GMW-47	04/22/19	75.98	---	33.84	---	42.14
GMW-47	05/10/19	75.98	---	34.84	---	41.14
GMW-47	10/29/19	75.98	---	34.84	---	41.14
GMW-47	05/05/20	75.98	---	34.56	---	41.42
GMW-47	11/02/20	75.98	---	34.82	---	41.16
GMW-47	05/04/21	75.98	---	35.39	---	40.59
GMW-48	11/20/96	75.03	---	28.40	---	46.63
GMW-48	07/01/97	75.03	27.11	27.58	0.47	47.83
GMW-48	12/31/97	75.03	27.37	29.58	2.21	47.22
GMW-48	05/01/98	75.03	23.63	24.46	0.83	51.23
GMW-48	05/26/99	75.03	25.72	27.01	1.29	49.05
GMW-48	05/15/00	75.03	26.31	26.49	0.18	48.68
GMW-48	11/13/00	75.03	---	27.21	---	47.82
GMW-48	05/07/01	75.03	25.65	26.10	0.45	49.29
GMW-48	04/08/02	75.03	---	NM	---	NC
GMW-48	09/19/02	75.03	---	26.50	---	48.53
GMW-48	10/21/02	75.03	---	27.10	---	47.93
GMW-48	04/07/03	75.03	25.89	25.90	0.01	49.14
GMW-48	10/06/03	75.03	---	25.59	---	49.44
GMW-48	04/19/04	75.03	---	26.41	---	48.62
GMW-48	11/01/04	75.03	---	26.90	---	48.13
GMW-48	02/28/05	75.03	---	23.00	---	52.03
GMW-48	05/02/05	75.03	---	20.80	---	54.23
GMW-48	03/06/06	75.03	---	23.61	---	51.42
GMW-48	05/01/06	75.03	---	23.07	---	51.96
GMW-48	08/26/06	75.03	---	23.50	---	51.53
GMW-48	12/01/06	75.03	---	24.54	---	50.49
GMW-48	03/21/07	75.03	---	24.57	---	50.46
GMW-48	04/27/07	75.03	---	24.85	---	50.18
GMW-48	08/28/07	75.03	---	24.92	---	50.11
GMW-48	11/12/07	75.03	---	25.37	---	49.66
GMW-48	04/11/08	75.03	---	25.07	---	49.96
GMW-48	10/13/08	75.03	---	26.39	---	48.64
GMW-48	04/07/10	75.03	---	26.40	---	48.63
GMW-48	10/01/10	75.03	---	26.89	---	48.14
GMW-48	01/06/11	75.03	---	27.29	---	47.74
GMW-48	04/07/11	75.03	---	25.53	---	49.50
GMW-48	07/07/11	75.03	---	25.89	---	49.14
GMW-48	10/06/11	75.03	---	26.55	---	48.48
GMW-48	04/13/12	75.03	---	27.48	---	47.55
GMW-48	01/10/13	75.03	---	28.77	---	46.26
GMW-48	04/03/13	75.03	---	28.77	---	46.26
GMW-48	10/02/13	75.03	---	29.45	---	45.58
GMW-48	04/09/14	75.03	---	29.90	---	45.13
GMW-48	04/17/14	75.03	---	29.82	---	45.21
GMW-48	10/27/14	75.03	---	30.17	---	44.86
GMW-48	04/20/15	75.03	---	30.50	---	44.53

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-48	04/13/16	75.03	---	NM	---	NC
GMW-48	10/03/16	---	---	37.03	---	NC
GMW-48	04/19/17	75.03	---	36.15	---	38.88
GMW-48	10/03/17	75.03	---	36.53	---	38.50
GMW-48	04/16/18	75.03	---	37.48	---	37.55
GMW-48	11/05/18	75.03	---	38.08	---	36.95
GMW-48	04/18/19	75.03	---	35.49	---	39.54
GMW-48	10/28/19	75.03	---	37.14	---	37.89
GMW-48	05/05/20	75.03	---	37.10	---	37.93
GMW-48	11/02/20	75.03	---	37.16	---	37.87
GMW-48	05/03/21	75.03	---	38.11	---	36.92
GMW-49	07/01/97	74.75	---	NM	0.60	NC
GMW-4R	04/17/17	---	---	36.15	---	NC
GMW-4R	10/02/17	75.13	---	34.57	---	40.56
GMW-4R	11/05/18	75.13	---	35.25	---	39.88
GMW-4R	04/16/19	75.13	---	33.49	---	41.64
GMW-4R	10/28/19	75.13	---	34.97	---	40.16
GMW-4R	05/04/20	75.13	---	32.35	---	42.78
GMW-4R	11/02/20	75.13	---	33.00	---	42.13
GMW-4R	05/03/21	75.13	---	34.57	---	40.56
GMW-50	05/25/99	75.51	---	26.36	---	49.15
GMW-50	05/15/00	75.51	---	27.34	---	48.17
GMW-50	05/07/01	75.51	25.95	26.26	0.31	49.50
GMW-50	04/08/02	75.51	---	NM	---	NC
GMW-50	09/19/02	75.51	---	27.82	---	47.69
GMW-50	10/21/02	75.51	---	28.70	---	46.81
GMW-50	04/07/03	75.51	---	27.00	---	48.51
GMW-50	10/06/03	75.51	---	26.83	---	48.68
GMW-50	04/19/04	75.51	---	27.66	---	47.85
GMW-50	11/01/04	75.51	---	28.11	---	47.40
GMW-50	02/28/05	75.51	---	23.80	---	51.71
GMW-50	05/02/05	75.51	---	22.42	---	53.09
GMW-50	03/06/06	75.51	---	24.53	---	50.98
GMW-50	05/01/06	75.51	---	24.63	---	50.88
GMW-50	08/26/06	75.51	---	25.10	---	50.41
GMW-50	12/01/06	75.51	---	25.61	---	49.90
GMW-50	03/21/07	75.51	---	25.75	---	49.76
GMW-50	04/27/07	75.51	---	26.17	---	49.34
GMW-50	08/28/07	75.51	---	26.15	---	49.36
GMW-50	11/12/07	75.51	---	26.58	---	48.93
GMW-50	02/05/08	75.51	---	27.24	---	48.27
GMW-50	04/11/08	75.51	---	26.32	---	49.19
GMW-50	07/24/08	75.51	---	26.97	---	48.54
GMW-50	10/13/08	75.51	---	27.67	---	47.84
GMW-50	02/09/09	75.51	---	27.40	---	48.11
GMW-50	07/16/09	75.51	---	27.87	---	47.64
GMW-50	04/07/10	75.51	---	27.68	---	47.83
GMW-50	10/01/10	75.51	---	28.16	---	47.35
GMW-50	01/06/11	75.51	---	28.58	---	46.93
GMW-50	04/12/12	75.51	---	29.00	---	46.51

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-50	04/14/16	75.51	---	33.36	---	42.15
GMW-51	05/25/99	75.93	---	26.71	---	49.22
GMW-51	05/15/00	75.93	---	27.70	---	48.23
GMW-51	11/13/00	75.93	---	27.94	---	47.99
GMW-51	05/07/01	75.93	26.43	28.44	2.01	49.10
GMW-51	04/08/02	75.93	---	NM	---	NC
GMW-51	09/19/02	75.93	---	28.22	---	47.71
GMW-51	10/21/02	75.93	---	29.13	---	46.80
GMW-51	04/07/03	75.93	---	27.55	---	48.38
GMW-51	10/06/03	75.93	---	27.15	---	48.78
GMW-51	04/19/04	75.93	---	27.99	---	47.94
GMW-51	11/01/04	75.93	---	28.47	---	47.46
GMW-51	02/28/05	75.93	---	24.24	---	51.69
GMW-51	05/02/05	75.93	---	22.61	---	53.32
GMW-51	03/06/06	75.93	---	25.02	---	50.91
GMW-51	05/01/06	75.93	---	25.04	---	50.89
GMW-51	08/26/06	75.93	---	25.51	---	50.42
GMW-51	12/01/06	75.93	---	25.98	---	49.95
GMW-51	03/21/07	75.93	---	26.12	---	49.81
GMW-51	04/27/07	75.93	---	26.54	---	49.39
GMW-51	08/28/07	75.93	---	26.50	---	49.43
GMW-51	11/12/07	75.93	---	26.95	---	48.98
GMW-51	02/05/08	75.93	---	27.59	---	48.34
GMW-51	04/11/08	75.93	---	26.69	---	49.24
GMW-51	07/24/08	75.93	---	27.15	---	48.78
GMW-51	10/13/08	75.93	---	28.05	---	47.88
GMW-51	02/09/09	75.93	---	27.49	---	48.44
GMW-51	07/16/09	75.93	---	28.15	---	47.78
GMW-51	04/07/10	75.93	---	28.08	---	47.85
GMW-51	10/01/10	75.93	---	28.49	---	47.44
GMW-51	01/06/11	75.93	---	28.96	---	46.97
GMW-51	04/12/12	75.93	---	29.41	---	46.52
GMW-52	05/25/99	75.03	---	25.73	---	49.30
GMW-52	05/15/00	75.03	---	26.33	---	48.70
GMW-52	11/13/00	75.03	---	26.99	---	48.04
GMW-52	05/07/01	75.03	---	25.15	---	49.88
GMW-52	04/08/02	75.03	---	26.61	---	48.42
GMW-52	10/21/02	75.03	---	27.15	---	47.88
GMW-52	04/07/03	75.03	---	26.34	---	48.69
GMW-52	10/06/03	75.03	---	26.21	---	48.82
GMW-52	04/19/04	75.03	---	26.97	---	48.06
GMW-52	11/01/04	75.03	---	27.62	---	47.41
GMW-52	05/02/05	75.03	---	21.16	---	53.87
GMW-52	03/06/06	75.03	---	23.95	---	51.08
GMW-52	05/01/06	75.03	---	23.95	---	51.08
GMW-52	08/26/06	75.03	---	24.40	---	50.63
GMW-52	12/01/06	75.03	---	24.92	---	50.11
GMW-52	03/21/07	75.03	---	25.17	---	49.86
GMW-52	04/30/07	75.03	---	25.38	---	49.65
GMW-52	08/28/07	75.03	---	25.80	---	49.23

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-54	11/01/04	75.16	---	28.11	---	47.05
GMW-54	05/02/05	75.16	---	22.06	---	53.10
GMW-54	05/01/06	75.16	---	24.45	---	50.71
GMW-54	12/01/06	75.16	---	25.36	---	49.80
GMW-54	04/30/07	75.16	---	25.74	---	49.42
GMW-54	11/12/07	75.16	---	26.35	---	48.81
GMW-54	04/11/08	75.16	---	25.91	---	49.25
GMW-54	07/24/08	75.16	---	26.05	---	49.11
GMW-54	10/14/08	75.16	---	26.94	---	48.22
GMW-54	02/10/09	75.16	---	26.78	---	48.38
GMW-54	04/08/10	75.16	---	27.25	---	47.91
GMW-54	10/01/10	75.16	---	27.68	---	47.48
GMW-54	01/07/11	75.16	---	28.14	---	47.02
GMW-54	04/12/12	75.16	---	28.36	---	46.80
GMW-54	10/02/13	75.16	---	30.50	---	44.66
GMW-54	04/07/14	75.16	---	31.62	---	43.54
GMW-54	10/27/14	75.16	---	31.43	---	43.73
GMW-54	04/20/15	75.16	---	31.84	---	43.32
GMW-54	04/11/16	75.16	---	NM	---	NC
GMW-54	10/03/16	75.16	---	NM	---	NC
GMW-54	04/19/17	75.16	---	32.80	---	42.36
GMW-54	10/03/17	74.73	---	34.15	---	40.58
GMW-54	04/16/18	74.73	---	34.39	---	40.34
GMW-54	11/05/18	74.73	---	34.76	---	39.97
GMW-54	05/10/19	74.73	---	30.53	---	44.20
GMW-54	10/28/19	74.73	---	35.84	---	38.89
GMW-54	05/05/20	74.73	---	33.46	---	41.27
GMW-54	10/19/20	75.16	---	33.68	---	42.33
GMW-54	11/02/20	75.16	---	33.68	---	42.33
GMW-54	05/03/21	74.73	---	34.34	---	40.39
GMW-55	05/25/99	74.60	---	26.11	---	48.49
GMW-55	05/15/00	74.60	---	26.83	---	47.77
GMW-55	11/13/00	74.60	---	26.36	---	48.24
GMW-55	05/07/01	74.60	---	24.91	---	49.69
GMW-55	04/08/02	74.60	---	26.43	---	48.17
GMW-55	10/21/02	74.60	---	26.85	---	47.75
GMW-55	04/07/03	74.60	---	26.22	---	48.38
GMW-55	10/06/03	74.60	---	26.35	---	48.25
GMW-55	04/19/04	74.60	---	27.77	---	46.83
GMW-55	11/01/04	74.60	---	27.59	---	47.01
GMW-55	05/02/05	74.60	---	22.33	---	52.27
GMW-55	05/01/06	74.60	---	23.94	---	50.66
GMW-55	12/01/06	74.60	---	24.78	---	49.82
GMW-55	04/30/07	74.60	---	25.11	---	49.49
GMW-55	11/12/07	74.60	---	25.89	---	48.71
GMW-55	04/11/08	74.60	---	25.46	---	49.14
GMW-55	10/14/08	74.60	---	26.38	---	48.22
GMW-55	04/20/09	74.60	---	28.31	---	46.29
GMW-55	04/08/10	74.60	---	26.66	---	47.94
GMW-55	10/01/10	74.60	---	27.15	---	47.45

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-55	01/07/11	74.60	---	27.61	---	46.99
GMW-55	04/12/12	74.60	---	NM	---	NC
GMW-56	05/25/99	76.50	---	27.58	---	48.92
GMW-56	05/25/99	76.52	---	27.58	---	48.94
GMW-56	05/15/00	76.52	---	28.42	---	48.10
GMW-56	11/13/00	76.52	---	28.85	---	47.67
GMW-56	05/07/01	76.52	---	27.39	---	49.13
GMW-56	04/08/02	76.52	---	28.64	---	47.88
GMW-56	10/21/02	76.52	---	29.01	---	47.51
GMW-56	04/07/03	76.52	---	28.30	---	48.22
GMW-56	10/06/03	76.52	---	28.19	---	48.33
GMW-56	04/19/04	76.52	---	29.01	---	47.51
GMW-56	11/01/04	76.50	---	29.11	---	47.39
GMW-56	05/02/05	76.52	---	24.11	---	52.41
GMW-56	03/06/06	76.52	---	25.88	---	50.64
GMW-56	05/01/06	76.52	---	25.98	---	50.54
GMW-56	08/26/06	76.52	---	26.31	---	50.21
GMW-56	12/01/06	76.50	---	26.75	---	49.75
GMW-56	03/21/07	76.52	---	26.85	---	49.67
GMW-56	04/27/07	76.52	---	27.23	---	49.29
GMW-56	08/28/07	76.50	---	27.33	---	49.17
GMW-56	11/12/07	76.50	---	27.70	---	48.80
GMW-56	02/05/08	76.52	---	28.25	---	48.27
GMW-56	04/11/08	76.52	---	27.55	---	48.97
GMW-56	07/24/08	76.52	---	28.02	---	48.50
GMW-56	10/13/08	76.52	---	28.71	---	47.81
GMW-56	02/09/09	76.52	---	28.59	---	47.93
GMW-56	07/16/09	76.50	---	29.03	---	47.47
GMW-56	10/19/09	76.50	---	29.34	---	47.16
GMW-56	04/07/10	76.50	---	29.08	---	47.42
GMW-56	04/12/10	76.50	---	28.71	---	47.79
GMW-56	10/01/10	76.52	---	29.28	---	47.24
GMW-56	01/06/11	76.52	---	29.46	---	47.06
GMW-56	04/07/11	76.52	---	28.24	---	48.28
GMW-56	07/07/11	76.52	---	28.45	---	48.07
GMW-56	10/07/11	76.52	---	28.98	---	47.54
GMW-56	04/12/12	76.52	---	30.04	---	46.48
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-56	04/16/19	76.52	---	33.88	---	42.64
GMW-56	10/28/19	76.52	---	34.09	---	42.43
GMW-56	05/04/20	76.52	---	34.06	---	42.46
GMW-56	10/19/20	76.50	---	34.19	---	42.33
GMW-56	11/02/20	76.50	---	34.19	---	42.33
GMW-56	05/03/21	76.52	---	34.69	---	41.83
GMW-57	05/25/99	76.52	---	27.52	---	49.00
GMW-57	05/25/99	76.66	---	27.49	---	49.17
GMW-57	05/15/00	76.66	---	28.17	---	48.49
GMW-57	11/13/00	76.66	---	28.76	---	47.90
GMW-57	02/05/01	76.66	---	27.58	---	49.08
GMW-57	05/07/01	76.66	---	27.21	---	49.45
GMW-57	04/08/02	76.66	---	29.13	---	47.53
GMW-57	09/19/02	76.66	---	29.02	---	47.64
GMW-57	10/21/02	76.66	---	29.68	---	46.98
GMW-57	04/07/03	76.66	---	28.33	---	48.33
GMW-57	10/10/03	76.66	---	28.04	---	48.62
GMW-57	04/19/04	76.66	---	28.76	---	47.90
GMW-57	11/01/04	76.66	---	29.20	---	47.46
GMW-57	02/28/05	76.52	---	25.51	---	51.01
GMW-57	05/02/05	76.52	---	23.73	---	52.79
GMW-57	03/06/06	76.66	---	25.71	---	50.95
GMW-57	05/01/06	76.66	---	25.92	---	50.74
GMW-57	08/26/06	76.66	---	26.35	---	50.31
GMW-57	12/01/06	76.66	---	26.82	---	49.84
GMW-57	03/21/07	76.66	---	26.92	---	49.74
GMW-57	04/27/07	76.66	---	27.35	---	49.31
GMW-57	08/28/07	76.66	---	27.42	---	49.24
GMW-57	11/12/07	76.66	---	27.81	---	48.85
GMW-57	02/05/08	76.66	---	28.36	---	48.30
GMW-57	04/11/08	76.66	---	27.56	---	49.10
GMW-57	07/24/08	76.66	---	28.14	---	48.52
GMW-57	10/13/08	76.66	---	28.86	---	47.80
GMW-57	02/09/09	76.66	---	28.72	---	47.94
GMW-57	04/20/09	76.66	---	28.33	---	48.33
GMW-57	07/16/09	76.66	---	28.87	---	47.79
GMW-57	07/21/09	76.66	---	28.90	---	47.76
GMW-57	10/19/09	76.66	---	29.30	---	47.36
GMW-57	01/11/10	76.66	---	29.93	---	46.73
GMW-57	04/07/10	76.66	---	29.05	---	47.61
GMW-57	04/12/10	76.66	---	28.55	---	48.11
GMW-57	01/06/11	76.66	---	29.87	---	46.79
GMW-57	04/07/11	76.66	---	28.13	---	48.53
GMW-57	07/07/11	76.66	---	28.53	---	48.13
GMW-57	10/06/11	76.66	---	29.12	---	47.54
GMW-57	01/09/12	76.66	---	29.48	---	47.18
GMW-57	04/12/12	76.66	---	30.15	---	46.51
GMW-57	04/17/12	76.66	---	29.85	---	46.81
GMW-57	01/10/13	76.66	---	31.18	---	45.48
GMW-57	04/02/13	76.66	---	31.18	---	45.48

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-57	04/08/13	76.66	---	31.04	---	45.62
GMW-57	10/01/13	76.66	---	31.88	---	44.78
GMW-57	04/09/14	76.66	---	32.34	---	44.32
GMW-57	04/15/14	76.66	---	32.02	---	44.64
GMW-57	10/27/14	76.66	---	32.69	---	43.97
GMW-57	04/20/15	76.66	---	33.02	---	43.64
GMW-57	04/13/16	76.66	---	34.43	---	42.23
GMW-57	10/03/16	76.66	---	34.86	---	41.80
GMW-57	04/19/17	76.66	---	34.21	---	42.45
GMW-57	10/03/17	76.66	---	34.80	---	41.86
GMW-57	04/16/18	76.66	---	35.52	---	41.14
GMW-57	11/05/18	76.66	---	36.14	---	40.52
GMW-57	04/18/19	76.66	---	35.13	---	41.53
GMW-57	10/28/19	76.66	---	35.45	---	41.21
GMW-57	05/05/20	76.66	---	35.09	---	41.57
GMW-57	10/19/20	76.66	---	35.38	---	41.28
GMW-57	11/02/20	76.66	---	35.38	---	41.28
GMW-57	05/04/21	76.66	---	36.45	---	40.21
GMW-58	05/25/99	75.46	---	26.58	---	48.88
GMW-58	05/25/99	75.48	---	26.29	---	49.19
GMW-58	05/15/00	75.48	---	27.69	---	47.79
GMW-58	11/13/00	75.48	---	27.61	---	47.87
GMW-58	02/05/01	75.48	26.46	26.63	0.17	48.99
GMW-58	05/07/01	75.48	25.25	27.96	2.71	49.69
GMW-58	04/08/02	75.48	---	NM	---	NC
GMW-58	09/19/02	75.48	---	27.14	---	48.34
GMW-58	10/21/02	75.48	27.50	27.61	0.11	47.96
GMW-58	04/07/03	75.46	26.15	26.17	0.02	49.31
GMW-58	10/06/03	75.46	25.99	26.33	0.34	49.40
GMW-58	04/19/04	75.48	---	26.27	---	49.21
GMW-58	11/01/04	75.48	27.33	27.38	0.05	48.14
GMW-58	02/28/05	75.46	---	23.21	---	52.25
GMW-58	05/02/05	75.46	---	21.45	---	54.01
GMW-58	03/06/06	75.48	---	23.72	---	51.76
GMW-58	05/01/06	75.46	---	23.88	---	51.58
GMW-58	08/26/06	75.48	---	24.34	---	51.14
GMW-58	12/01/06	75.46	---	24.88	---	50.58
GMW-58	03/21/07	75.48	---	24.92	---	50.56
GMW-58	04/30/07	75.48	---	25.42	---	50.06
GMW-58	08/28/07	75.48	---	25.57	---	49.91
GMW-58	11/12/07	75.48	---	25.82	---	49.66
GMW-58	02/05/08	75.48	---	26.42	---	49.06
GMW-58	04/11/08	75.48	---	25.57	---	49.91
GMW-58	07/24/08	75.48	---	26.17	---	49.31
GMW-58	10/13/08	75.48	---	26.89	---	48.59
GMW-58	02/09/09	75.48	---	26.78	---	48.70
GMW-58	04/20/09	75.48	---	26.45	---	49.03
GMW-58	07/16/09	75.46	---	26.92	---	48.54
GMW-58	07/20/09	75.46	---	26.73	---	48.73
GMW-58	10/19/09	75.46	---	27.44	---	48.02

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-58	01/11/10	75.48	---	27.43	---	48.05
GMW-58	04/07/10	75.48	---	NM	---	NC
GMW-58	04/12/10	75.46	---	27.14	---	48.32
GMW-58	01/10/11	75.48	---	27.38	---	48.10
GMW-58	04/08/11	75.48	---	26.02	---	49.46
GMW-58	07/08/11	75.48	---	26.46	---	49.02
GMW-58	10/06/11	75.48	---	27.11	---	48.37
GMW-58	01/10/12	75.48	---	27.42	---	48.06
GMW-58	04/12/12	75.48	---	28.20	---	47.28
GMW-58	04/18/12	75.48	---	27.86	---	47.62
GMW-58	01/11/13	75.48	---	29.26	---	46.22
GMW-58	04/03/13	75.48	---	29.23	---	46.25
GMW-58	04/08/13	75.48	---	29.17	---	46.31
GMW-58	10/02/13	75.48	---	29.90	---	45.58
GMW-58	04/09/14	75.48	---	30.37	---	45.11
GMW-58	04/16/14	75.48	---	30.20	---	45.28
GMW-58	10/27/14	75.48	---	30.69	---	44.79
GMW-58	04/20/15	75.48	---	31.01	---	44.47
GMW-58	04/13/16	75.48	---	32.42	---	43.06
GMW-58	10/03/16	75.48	---	NM	---	NC
GMW-58	04/19/17	75.48	---	32.08	---	43.40
GMW-58	10/03/17	75.48	---	34.22	---	41.26
GMW-58	04/16/18	75.48	35.11	35.12	0.01	NC
GMW-58	11/05/18	75.48	35.69	35.71	0.02	NC
GMW-58	04/15/19	75.48	34.55	34.56	0.01	NC
GMW-58	10/30/19	75.48	---	35.01	---	40.47
GMW-58	05/05/20	75.48	---	34.01	---	41.47
GMW-58	11/02/20	75.46	---	34.72	---	40.76
GMW-58	05/03/21	75.48	---	35.93	---	39.55
GMW-59	05/25/99	75.28	25.68	26.87	1.19	49.36
GMW-59	05/25/99	75.28	25.68	26.92	1.24	49.35
GMW-59	05/15/00	75.28	26.18	28.35	2.17	48.67
GMW-59	11/13/00	75.28	---	27.23	---	48.05
GMW-59	05/07/01	75.28	---	NM	---	NC
GMW-59	04/08/02	75.28	---	NM	---	NC
GMW-59	09/19/02	75.28	---	26.04	---	49.24
GMW-59	10/21/02	75.28	---	26.74	---	48.54
GMW-59	04/07/03	75.28	25.59	25.60	0.01	49.69
GMW-59	10/06/03	75.28	---	25.32	---	49.96
GMW-59	04/19/04	75.28	---	26.12	---	49.16
GMW-59	11/01/04	75.28	---	26.45	---	48.83
GMW-59	02/28/05	75.28	---	22.28	---	53.00
GMW-59	05/02/05	75.28	---	20.59	---	54.69
GMW-59	03/06/06	75.28	---	22.97	---	52.31
GMW-59	05/01/06	75.28	---	23.05	---	52.23
GMW-59	08/26/06	75.28	---	23.54	---	51.74
GMW-59	12/01/06	75.28	---	24.20	---	51.08
GMW-59	03/21/07	75.28	---	24.26	---	51.02
GMW-59	04/30/07	75.28	---	24.72	---	50.56
GMW-59	08/28/07	75.28	---	24.92	---	50.36

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-59	11/12/07	75.28	---	24.98	---	50.30
GMW-59	02/05/08	75.28	---	25.98	---	49.30
GMW-59	04/11/08	75.28	---	25.06	---	50.22
GMW-59	07/24/08	75.28	---	25.49	---	49.79
GMW-59	10/13/08	75.28	---	26.19	---	49.09
GMW-59	02/09/09	75.28	---	26.05	---	49.23
GMW-59	04/20/09	75.28	---	25.70	---	49.58
GMW-59	07/16/09	75.28	---	26.20	---	49.08
GMW-59	07/20/09	75.28	---	26.55	---	48.73
GMW-59	10/19/09	75.28	---	26.93	---	48.35
GMW-59	01/11/10	75.28	---	27.20	---	48.08
GMW-59	04/07/10	75.28	---	26.12	---	49.16
GMW-59	04/12/10	75.28	---	26.15	---	49.13
GMW-59	01/06/11	75.28	---	27.18	---	48.10
GMW-59	04/07/11	75.28	---	25.20	---	50.08
GMW-59	07/07/11	75.28	---	25.69	---	49.59
GMW-59	10/06/11	75.28	---	26.35	---	48.93
GMW-59	01/10/12	75.28	---	26.80	---	48.48
GMW-59	04/12/12	75.28	27.55	27.56	0.01	47.73
GMW-59	04/20/12	75.28	---	27.28	---	48.00
GMW-59	01/10/13	75.28	---	28.60	---	46.68
GMW-59	04/03/13	75.28	---	28.62	---	46.66
GMW-59	04/08/13	75.28	---	29.02	---	46.26
GMW-59	10/01/13	75.28	---	29.35	---	45.93
GMW-59	04/09/14	75.28	---	29.65	---	45.63
GMW-59	04/17/14	75.28	---	29.65	---	45.63
GMW-59	10/27/14	75.28	---	29.92	---	45.36
GMW-59	04/20/15	75.28	---	30.26	---	45.02
GMW-59	04/13/16	75.28	---	31.77	---	43.51
GMW-59	10/03/16	75.28	---	32.24	---	43.04
GMW-59	04/19/17	75.28	---	31.45	---	43.83
GMW-59	10/03/17	75.28	---	32.03	---	43.25
GMW-59	04/16/18	75.28	---	33.22	---	42.06
GMW-59	11/05/18	75.28	---	33.97	---	41.31
GMW-59	04/18/19	75.28	---	31.26	---	44.02
GMW-59	10/28/19	75.28	---	32.61	---	42.67
GMW-59	05/05/20	75.28	---	32.48	---	42.80
GMW-59	10/19/20	75.28	---	32.57	---	42.71
GMW-59	11/02/20	75.28	---	32.57	---	42.71
GMW-59	05/04/21	75.28	---	33.25	---	42.03
GMW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-60	11/12/07	76.24	---	27.41	---	48.83
GMW-60	02/05/08	76.24	---	27.92	---	48.32
GMW-60	04/11/08	76.24	---	27.05	---	49.19
GMW-60	07/24/08	76.24	---	27.64	---	48.60
GMW-60	10/13/08	76.24	---	28.46	---	47.78
GMW-60	02/09/09	76.24	---	28.27	---	47.97
GMW-60	04/20/09	76.24	---	28.21	---	48.03
GMW-60	07/16/09	76.24	---	28.37	---	47.87
GMW-60	07/20/09	76.24	---	28.61	---	47.63
GMW-60	10/19/09	76.24	---	28.81	---	47.43
GMW-60	01/11/10	76.24	---	29.53	---	46.71
GMW-60	04/07/10	76.24	---	28.54	---	47.70
GMW-60	04/12/10	76.24	---	28.04	---	48.20
GMW-60	01/08/11	76.24	---	29.09	---	47.15
GMW-60	04/08/11	76.24	---	27.53	---	48.71
GMW-60	07/07/11	76.24	---	28.02	---	48.22
GMW-60	10/06/11	76.24	---	28.65	---	47.59
GMW-60	01/10/12	76.24	---	28.46	---	47.78
GMW-60	04/12/12	76.24	---	29.65	---	46.59
GMW-60	04/20/12	76.24	---	29.47	---	46.77
GMW-60	01/11/13	76.24	---	30.65	---	45.59
GMW-60	04/03/13	76.24	---	30.62	---	45.62
GMW-60	04/08/13	76.24	---	31.28	---	44.96
GMW-60	10/01/13	76.24	---	31.35	---	44.89
GMW-60	04/09/14	76.24	---	31.78	---	44.46
GMW-60	04/17/14	76.24	---	31.42	---	44.82
GMW-60	10/27/14	76.24	---	32.15	---	44.09
GMW-60	04/20/15	76.24	---	32.42	---	43.82
GMW-60	04/13/16	76.24	---	33.91	---	42.33
GMW-60	10/03/16	76.24	---	34.37	---	41.87
GMW-60	04/18/17	76.24	---	32.92	---	43.32
GMW-60	10/03/17	76.24	---	34.21	---	42.03
GMW-60	04/16/18	76.24	---	35.03	---	41.21
GMW-60	11/05/18	76.24	---	35.70	---	40.54
GMW-60	04/16/19	76.24	---	35.61	---	40.63
GMW-60	10/28/19	76.24	---	34.85	---	41.39
GMW-60	05/04/20	76.24	---	34.44	---	41.80
GMW-60	10/19/20	76.24	---	34.72	---	41.52
GMW-60	11/02/20	76.24	---	34.72	---	41.52
GMW-60	05/03/21	76.24	---	35.53	---	40.71
GMW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-61	11/12/07	75.60	---	26.67	---	48.93
GMW-61	02/05/08	75.60	---	27.17	---	48.43
GMW-61	04/11/08	75.60	---	26.29	---	49.31
GMW-61	07/24/08	75.60	---	27.01	---	48.59
GMW-61	10/13/08	75.60	---	27.73	---	47.87
GMW-61	02/09/09	75.60	---	27.56	---	48.04
GMW-61	04/20/09	75.60	---	27.14	---	48.46
GMW-61	07/16/09	75.60	---	27.69	---	47.91
GMW-61	07/20/09	75.60	---	27.84	---	47.76
GMW-61	10/19/09	75.60	---	28.22	---	47.38
GMW-61	01/11/10	75.60	---	28.81	---	46.79
GMW-61	04/07/10	75.60	---	27.67	---	47.93
GMW-61	04/12/10	75.60	---	27.22	---	48.38
GMW-61	01/08/11	75.60	---	28.37	---	47.23
GMW-61	04/08/11	75.60	---	26.68	---	48.92
GMW-61	07/07/11	75.60	---	27.23	---	48.37
GMW-61	10/06/11	75.60	---	27.92	---	47.68
GMW-61	01/10/12	75.60	---	28.41	---	47.19
GMW-61	04/12/12	75.60	---	29.06	---	46.54
GMW-61	04/19/12	75.60	---	28.71	---	46.89
GMW-61	01/11/13	75.60	---	30.05	---	45.55
GMW-61	04/03/13	75.60	---	30.11	---	45.49
GMW-61	04/08/13	75.60	---	30.01	---	45.59
GMW-61	10/02/13	75.60	---	30.70	---	44.90
GMW-61	04/09/14	75.60	---	31.11	---	44.49
GMW-61	04/17/14	75.60	---	30.78	---	44.82
GMW-61	10/27/14	75.60	---	31.39	---	44.21
GMW-61	04/20/15	75.60	---	31.72	---	43.88
GMW-61	04/13/16	75.60	---	33.20	---	42.40
GMW-61	10/03/16	76.24	---	33.72	---	42.52
GMW-61	04/19/17	75.60	---	33.65	---	41.95
GMW-61	10/03/17	75.60	---	33.46	---	42.14
GMW-61	04/16/18	75.60	---	34.51	---	41.09
GMW-61	11/05/18	75.60	---	34.99	---	40.61
GMW-61	04/18/19	75.60	---	32.91	---	42.69
GMW-61	10/28/19	75.60	---	34.54	---	41.06
GMW-61	05/05/20	75.60	---	34.06	---	41.54
GMW-61	11/02/20	75.60	---	34.04	---	41.56
GMW-61	05/03/21	75.60	---	34.47	---	41.13
GMW-62	07/02/07	76.34	---	27.03	---	49.31
GMW-62	02/05/08	76.34	---	27.79	---	48.55
GMW-62	04/14/08	76.34	---	26.87	---	49.47
GMW-62	07/24/08	76.34	---	27.98	---	48.36
GMW-62	10/14/08	76.34	---	28.24	---	48.10
GMW-62	02/10/09	76.34	---	28.31	---	48.03
GMW-62	04/20/09	76.34	---	27.94	---	48.40
GMW-62	07/17/09	76.34	---	28.15	---	48.19
GMW-62	07/21/09	76.34	---	28.30	---	48.04
GMW-62	10/19/09	76.34	---	29.00	---	47.34
GMW-62	01/11/10	76.34	---	29.51	---	46.83

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-62	04/12/10	76.34	---	28.24	---	48.10
GMW-62	01/10/11	76.34	28.78	29.08	0.30	47.50
GMW-62	04/07/11	76.34	26.89	28.57	1.68	49.11
GMW-62	07/07/11	76.34	28.03	28.14	0.11	48.29
GMW-62	10/06/11	76.34	28.45	29.39	0.94	47.70
GMW-62	01/09/12	76.34	28.97	29.02	0.05	47.36
GMW-62	04/12/12	76.34	29.58	29.68	0.10	46.74
GMW-62	04/18/12	76.34	29.40	29.46	0.06	46.93
GMW-62	01/11/13	76.34	---	30.62	---	45.72
GMW-62	04/03/13	76.34	30.42	31.36	0.94	45.73
GMW-62	04/08/13	76.34	30.35	32.13	1.78	45.63
GMW-62	10/02/13	76.34	31.00	32.33	1.33	45.07
GMW-62	04/09/14	76.34	31.02	33.50	2.48	44.82
GMW-62	04/15/14	76.34	31.02	33.71	2.69	44.78
GMW-62	10/27/14	76.34	32.14	37.77	5.63	43.07
GMW-62	04/20/15	76.34	32.97	32.98	0.01	43.37
GMW-62	04/11/16	76.34	34.39	34.40	0.01	41.95
GMW-62	10/03/16	76.34	34.72	34.73	0.01	NC
GMW-62	04/17/17	76.34	34.14	34.16	0.02	42.20
GMW-62	10/02/17	76.34	34.21	34.22	0.01	NC
GMW-62	04/16/18	76.34	35.29	35.30	0.01	NC
GMW-62	11/05/18	76.34	---	35.80	---	40.54
GMW-62	04/15/19	76.34	---	34.74	---	41.60
GMW-62	10/28/19	76.34	---	35.05	---	41.29
GMW-62	05/04/20	76.34	---	34.75	---	41.59
GMW-62	11/02/20	76.34	---	34.71	---	41.63
GMW-62	05/03/21	76.34	---	35.35	---	40.99
GMW-63	10/14/08	77.32	---	29.17	---	48.15
GMW-63	02/10/09	77.32	---	29.08	---	48.24
GMW-63	04/20/09	77.32	---	28.71	---	48.61
GMW-63	07/17/09	77.32	---	29.11	---	48.21
GMW-63	07/21/09	77.32	---	29.15	---	48.17
GMW-63	10/19/09	77.32	---	29.84	---	47.48
GMW-63	01/11/10	77.32	---	30.12	---	47.20
GMW-63	04/12/10	77.32	---	29.22	---	48.10
GMW-63	01/08/11	77.32	---	29.35	---	47.97
GMW-63	04/07/11	77.32	---	28.63	---	48.69
GMW-63	07/07/11	77.32	---	29.13	---	48.19
GMW-63	10/06/11	77.32	---	29.63	---	47.69
GMW-63	01/09/12	77.32	---	29.83	---	47.49
GMW-63	04/12/12	77.32	---	30.51	---	46.81
GMW-63	04/17/12	77.32	---	30.25	---	47.07
GMW-63	01/11/13	77.32	---	31.23	---	46.09
GMW-63	04/03/13	77.32	---	31.28	---	46.04
GMW-63	04/08/13	77.32	---	31.14	---	46.18
GMW-63	10/02/13	77.32	---	31.92	---	45.40
GMW-63	04/09/14	77.32	---	32.08	---	45.24
GMW-63	04/14/14	77.32	---	32.02	---	45.30
GMW-63	10/27/14	77.32	---	32.51	---	44.81
GMW-63	04/20/15	77.32	---	32.86	---	44.46

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-63	04/11/16	77.32	---	34.33	---	42.99
GMW-63	10/03/16	77.32	---	34.89	---	42.43
GMW-63	04/17/17	77.32	---	34.43	---	42.89
GMW-63	10/02/17	77.32	---	34.81	---	42.51
GMW-63	04/16/18	77.32	---	35.40	---	41.92
GMW-63	11/05/18	77.32	---	35.96	---	41.36
GMW-63	04/15/19	77.32	---	35.46	---	41.86
GMW-63	10/28/19	77.32	---	35.65	---	41.67
GMW-63	05/04/20	77.32	---	36.51	---	40.81
GMW-63	11/02/20	77.32	---	35.41	---	41.91
GMW-63	05/03/21	77.32	---	35.99	---	41.33
GMW-64	10/14/08	75.84	---	27.60	---	48.24
GMW-64	02/10/09	75.84	---	27.47	---	48.37
GMW-64	04/20/09	75.84	---	27.00	---	48.84
GMW-64	07/17/09	75.84	---	27.37	---	48.47
GMW-64	07/21/09	75.84	---	27.52	---	48.32
GMW-64	10/19/09	75.84	---	28.11	---	47.73
GMW-64	01/11/10	75.84	---	28.53	---	47.31
GMW-64	04/12/10	75.84	---	27.10	---	48.74
GMW-64	01/08/11	75.84	---	27.81	---	48.03
GMW-64	04/07/11	75.84	---	26.45	---	49.39
GMW-64	07/07/11	75.84	---	27.21	---	48.63
GMW-64	10/06/11	75.84	---	27.86	---	47.98
GMW-64	01/09/12	75.84	---	28.21	---	47.63
GMW-64	04/12/12	75.84	---	28.96	---	46.88
GMW-64	04/17/12	75.84	---	28.65	---	47.19
GMW-64	01/11/13	75.84	---	29.69	---	46.15
GMW-64	04/03/13	75.84	---	29.72	---	46.12
GMW-64	04/08/13	75.84	---	29.53	---	46.31
GMW-64	10/02/13	75.84	---	30.49	---	45.35
GMW-64	04/09/14	75.84	---	30.33	---	45.51
GMW-64	04/14/14	75.84	---	30.22	---	45.62
GMW-64	10/27/14	75.84	---	30.81	---	45.03
GMW-64	04/20/15	75.84	---	31.24	---	44.60
GMW-64	04/11/16	75.84	---	32.89	---	42.95
GMW-64	10/03/16	75.84	---	33.45	---	42.39
GMW-64	04/17/17	75.84	---	32.78	---	43.06
GMW-64	10/02/17	75.84	---	32.98	---	42.86
GMW-64	04/16/18	75.84	---	33.81	---	42.03
GMW-64	11/05/18	75.84	---	34.44	---	41.40
GMW-64	04/15/19	75.84	---	33.71	---	42.13
GMW-64	10/28/19	75.84	---	33.82	---	42.02
GMW-64	05/04/20	75.84	---	33.69	---	42.15
GMW-64	11/02/20	75.84	---	33.57	---	42.27
GMW-64	05/03/21	75.84	---	34.13	---	41.71
GMW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-65	01/08/11	76.78	---	29.39	---	47.39
GMW-65	04/07/11	76.78	---	27.98	---	48.80
GMW-65	07/07/11	76.78	---	28.63	---	48.15
GMW-65	10/06/11	76.78	---	29.18	---	47.60
GMW-65	01/09/12	76.78	---	29.43	---	47.35
GMW-65	04/12/12	76.78	---	30.15	---	46.63
GMW-65	04/18/12	76.78	---	29.85	---	46.93
GMW-65	01/11/13	76.78	---	31.08	---	45.70
GMW-65	04/03/13	76.78	---	31.07	---	45.71
GMW-65	04/08/13	76.78	---	30.92	---	45.86
GMW-65	10/02/13	76.78	---	31.75	---	45.03
GMW-65	04/09/14	76.78	---	31.87	---	44.91
GMW-65	04/14/14	76.78	---	31.68	---	45.10
GMW-65	10/27/14	76.78	---	32.35	---	44.43
GMW-65	04/20/15	76.78	---	32.68	---	44.10
GMW-65	04/11/16	76.78	---	34.19	---	42.59
GMW-65	10/03/16	76.78	---	34.75	---	42.03
GMW-65	04/17/17	76.78	---	34.43	---	42.35
GMW-65	10/02/17	76.78	---	34.51	---	42.27
GMW-65	04/16/18	76.78	---	35.22	---	41.56
GMW-65	11/05/18	76.78	---	35.85	---	40.93
GMW-65	04/15/19	76.78	---	35.16	---	41.62
GMW-65	10/28/19	76.78	---	35.32	---	41.46
GMW-65	05/04/20	76.78	---	35.16	---	41.62
GMW-65	11/02/20	76.78	---	35.13	---	41.65
GMW-65	05/03/21	76.78	---	35.56	---	41.22
GMW-66	10/19/09	77.00	---	29.73	---	47.27
GMW-66	04/12/10	77.00	---	29.64	---	47.36
GMW-66	04/07/11	77.00	---	28.63	---	48.37
GMW-66	07/07/11	77.00	---	28.96	---	48.04
GMW-66	10/06/11	77.00	---	29.48	---	47.52
GMW-66	04/12/12	77.00	---	30.46	---	46.54
GMW-66	04/17/12	77.00	---	30.11	---	46.89
GMW-66	01/10/13	77.00	---	31.36	---	45.64
GMW-66	04/02/13	77.00	---	31.34	---	45.66
GMW-66	04/08/13	77.00	---	31.25	---	45.75
GMW-66	10/01/13	77.00	---	32.06	---	44.94
GMW-66	04/09/14	77.00	---	32.53	---	44.47
GMW-66	04/15/14	77.00	---	32.48	---	44.52
GMW-66	10/19/20	77.00	---	38.00	---	41.23
GMW-66	11/02/20	77.00	---	38.00	---	41.23
GMW-66R	10/03/16	79.23	---	37.35	---	41.88
GMW-66R	04/17/17	79.23	---	36.98	---	42.25
GMW-66R	10/03/17	79.23	---	37.34	---	41.89
GMW-66R	04/16/18	79.23	---	37.92	---	41.31
GMW-66R	11/05/18	79.23	---	38.53	---	40.70
GMW-66R	04/16/19	79.23	---	37.87	---	41.36
GMW-66R	10/28/19	79.23	---	38.05	---	41.18
GMW-66R	05/04/20	79.23	---	37.84	---	41.39
GMW-66R	05/03/21	79.23	---	38.41	---	40.82

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-67	04/11/16	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	11/02/20	76.00	---	34.41	---	41.59
GMW-67	05/03/21	76.00	---	34.96	---	41.04
GMW-68	04/11/16	75.52	---	33.06	---	42.46
GMW-68	10/03/16	75.52	32.80	35.80	3.00	NC
GMW-68	04/17/17	75.52	32.64	33.62	0.98	42.68
GMW-68	10/02/17	75.52	33.28	33.30	0.02	NC
GMW-68	04/16/18	75.52	34.10	34.53	0.43	NC
GMW-68	11/05/18	75.52	34.84	34.86	0.02	NC
GMW-68	04/15/19	75.52	33.78	33.79	0.01	NC
GMW-68	10/30/19	75.52	---	34.04	---	NC
GMW-68	05/05/20	75.52	33.54	33.55	0.01	41.98
GMW-68	11/02/20	75.52	33.86	33.80	-0.06	41.66
GMW-68	05/03/21	75.52	34.44	34.46	0.02	41.08
GMW-69	04/11/16	75.31	---	32.83	---	42.48
GMW-69	10/03/16	75.31	---	33.33	---	41.98
GMW-69	04/17/17	75.31	---	32.68	---	42.63
GMW-69	10/02/17	75.31	---	32.99	---	42.32
GMW-69	04/16/18	75.31	---	33.97	---	41.34
GMW-69	11/05/18	75.31	---	34.55	---	40.76
GMW-69	04/15/19	75.31	---	33.35	---	41.96
GMW-69	10/28/19	75.31	---	33.79	---	41.52
GMW-69	05/04/20	75.31	---	33.54	---	41.77
GMW-69	11/02/20	75.31	---	33.39	---	41.92
GMW-69	05/03/21	75.31	---	34.14	---	41.17
GMW-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. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-1	04/08/02	71.45	---	22.51	---	48.94
GMW-O-1	07/29/02	71.45	---	22.97	---	48.48
GMW-O-1	10/21/02	71.45	---	23.14	---	48.31
GMW-O-1	01/27/03	71.45	---	23.03	---	48.42
GMW-O-1	04/07/03	71.45	---	23.11	---	48.34
GMW-O-1	07/30/03	71.45	---	22.84	---	48.61
GMW-O-1	10/06/03	71.45	---	22.76	---	48.69
GMW-O-1	01/11/04	71.45	---	23.77	---	47.68
GMW-O-1	01/27/04	71.45	---	23.06	---	48.39
GMW-O-1	04/19/04	71.45	---	23.45	---	48.00
GMW-O-1	07/19/04	71.45	---	23.45	---	48.00
GMW-O-1	02/01/05	71.45	---	23.34	---	48.11
GMW-O-1	05/02/05	71.45	---	21.02	---	50.43
GMW-O-1	08/01/05	71.45	---	20.26	---	51.19
GMW-O-1	10/31/05	71.45	---	20.21	---	51.24
GMW-O-1	02/27/06	71.45	---	20.52	---	50.93
GMW-O-1	05/01/06	71.45	---	20.59	---	50.86
GMW-O-1	09/18/06	71.45	---	20.93	---	50.52
GMW-O-1	12/04/06	71.45	---	27.16	---	44.29
GMW-O-1	03/12/07	71.45	---	21.32	---	50.13
GMW-O-1	04/30/07	71.45	---	21.40	---	50.05
GMW-O-1	08/28/07	71.45	---	22.50	---	48.95
GMW-O-1	11/12/07	71.45	---	21.79	---	49.66
GMW-O-1	02/19/08	71.45	---	27.25	---	44.20
GMW-O-1	04/14/08	71.45	---	22.15	---	49.30
GMW-O-1	08/11/08	71.45	---	22.41	---	49.04
GMW-O-1	10/13/08	71.45	---	22.45	---	49.00
GMW-O-1	04/20/09	71.45	---	22.41	---	49.04
GMW-O-1	07/20/09	71.45	---	23.15	---	48.30
GMW-O-1	10/19/09	71.45	---	23.39	---	48.06
GMW-O-1	03/15/10	71.45	---	23.90	---	47.55
GMW-O-1	05/24/10	71.45	---	23.48	---	47.97
GMW-O-1	05/28/10	71.45	---	23.47	---	47.98
GMW-O-1	10/04/10	71.45	---	23.71	---	47.74
GMW-O-1	01/10/11	71.45	---	24.14	---	47.31
GMW-O-1	04/11/11	71.45	---	23.17	---	48.28
GMW-O-1	07/11/11	71.45	---	22.88	---	48.57
GMW-O-1	10/10/11	71.45	---	22.89	---	48.56
GMW-O-1	01/09/12	71.45	---	23.35	---	48.10
GMW-O-1	04/16/12	71.45	---	23.86	---	47.59
GMW-O-1	07/09/12	71.45	---	24.19	---	47.26
GMW-O-1	10/15/12	71.45	---	24.33	---	47.12
GMW-O-1	01/14/13	71.45	---	24.88	---	46.57
GMW-O-1	04/08/13	71.45	---	25.04	---	46.41
GMW-O-1	10/07/13	71.45	---	25.72	---	45.73
GMW-O-1	04/14/14	71.45	---	26.72	---	44.73
GMW-O-1	10/27/14	71.45	---	27.28	---	44.17
GMW-O-1	04/20/15	71.45	---	28.02	---	43.43
GMW-O-1	10/19/15	71.45	---	28.98	---	42.47
GMW-O-1	03/14/16	71.45	---	30.66	---	40.79

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-1	04/11/16	71.45	---	29.71	---	41.74
GMW-O-1	06/29/16	71.45	---	30.50	---	40.95
GMW-O-1	08/22/16	71.45	---	30.61	---	40.84
GMW-O-1	10/03/16	71.45	---	31.20	---	40.25
GMW-O-1	10/03/16	71.45	---	31.20	---	40.25
GMW-O-1	04/17/17	71.45	---	29.51	---	41.94
GMW-O-1	10/02/17	71.45	---	31.20	---	40.25
GMW-O-1	11/05/18	71.45	---	31.77	---	39.68
GMW-O-1	04/16/19	71.45	---	31.03	---	40.42
GMW-O-1	10/28/19	71.45	---	31.86	---	39.59
GMW-O-1	05/04/20	71.45	---	30.42	---	41.03
GMW-O-1	11/02/20	71.45	---	30.58	---	40.87
GMW-O-1	05/03/21	71.45	---	31.10	---	40.35
GMW-O-2	11/20/96	72.54	---	25.33	---	47.21
GMW-O-2	07/01/97	72.54	---	25.29	---	47.25
GMW-O-2	12/31/97	72.54	---	25.32	---	47.22
GMW-O-2	05/01/98	72.54	---	23.10	---	49.44
GMW-O-2	05/05/99	72.54	---	23.15	---	49.39
GMW-O-2	08/09/99	72.54	---	23.39	---	49.15
GMW-O-2	11/15/99	72.54	---	23.62	---	48.92
GMW-O-2	05/15/00	72.54	---	23.59	---	48.95
GMW-O-2	11/13/00	72.54	---	24.11	---	48.43
GMW-O-2	05/07/01	72.54	---	23.26	---	49.28
GMW-O-2	11/05/01	72.54	---	23.25	---	49.29
GMW-O-2	04/08/02	72.54	---	23.52	---	49.02
GMW-O-2	07/29/02	72.54	---	24.13	---	48.41
GMW-O-2	10/21/02	72.54	---	24.28	---	48.26
GMW-O-2	01/14/03	72.54	---	24.23	---	48.31
GMW-O-2	01/27/03	72.54	---	24.10	---	48.44
GMW-O-2	04/07/03	72.54	---	24.05	---	48.49
GMW-O-2	07/30/03	72.54	---	23.75	---	48.79
GMW-O-2	10/06/03	72.54	---	23.75	---	48.79
GMW-O-2	01/11/04	72.54	---	24.78	---	47.76
GMW-O-2	01/27/04	72.54	---	24.09	---	48.45
GMW-O-2	04/19/04	72.54	---	24.39	---	48.15
GMW-O-2	07/19/04	72.54	---	24.39	---	48.15
GMW-O-2	02/01/05	72.54	---	24.06	---	48.48
GMW-O-2	05/02/05	72.54	---	21.40	---	51.14
GMW-O-2	08/01/05	72.54	---	20.97	---	51.57
GMW-O-2	10/31/05	72.54	---	21.22	---	51.32
GMW-O-2	02/27/06	72.54	---	23.10	---	49.44
GMW-O-2	05/01/06	72.54	---	21.59	---	50.95
GMW-O-2	09/18/06	72.54	---	22.08	---	50.46
GMW-O-2	12/04/06	72.54	---	22.21	---	50.33
GMW-O-2	03/12/07	72.54	---	22.50	---	50.04
GMW-O-2	04/30/07	72.54	---	22.53	---	50.01
GMW-O-2	08/28/07	72.54	---	22.54	---	50.00
GMW-O-2	11/12/07	72.54	---	22.96	---	49.58
GMW-O-2	02/19/08	72.54	---	23.39	---	49.15
GMW-O-2	04/14/08	72.54	---	23.24	---	49.30

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-2	08/11/08	72.54	---	23.57	---	48.97
GMW-O-2	10/13/08	72.54	---	23.64	---	48.90
GMW-O-2	04/20/09	72.54	---	23.70	---	48.84
GMW-O-2	07/20/09	72.54	---	24.40	---	48.14
GMW-O-2	10/19/09	72.54	---	24.81	---	47.73
GMW-O-2	03/15/10	72.54	---	25.10	---	47.44
GMW-O-2	05/24/10	72.54	---	24.48	---	48.06
GMW-O-2	05/28/10	72.54	---	24.43	---	48.11
GMW-O-2	10/04/10	72.54	---	24.25	---	48.29
GMW-O-2	01/10/11	72.54	---	25.13	---	47.41
GMW-O-2	04/11/11	72.54	---	24.14	---	48.40
GMW-O-2	07/11/11	72.54	---	23.80	---	48.74
GMW-O-2	10/10/11	72.54	---	23.98	---	48.56
GMW-O-2	01/09/12	72.54	---	24.50	---	48.04
GMW-O-2	04/16/12	72.54	---	24.82	---	47.72
GMW-O-2	07/09/12	72.54	---	25.21	---	47.33
GMW-O-2	10/15/12	72.54	---	25.50	---	47.04
GMW-O-2	01/14/13	72.54	---	26.02	---	46.52
GMW-O-2	04/08/13	72.54	---	26.12	---	46.42
GMW-O-2	10/07/13	72.54	---	26.80	---	45.74
GMW-O-2	04/14/14	72.54	---	27.39	---	45.15
GMW-O-2	10/27/14	72.54	---	27.90	---	44.64
GMW-O-2	04/20/15	72.54	---	28.34	---	44.20
GMW-O-2	10/19/15	72.54	---	29.07	---	43.47
GMW-O-2	03/14/16	72.54	---	30.44	---	42.10
GMW-O-2	04/11/16	72.54	---	30.20	---	42.34
GMW-O-2	06/29/16	72.54	---	30.77	---	41.77
GMW-O-2	08/22/16	72.54	---	30.79	---	41.75
GMW-O-2	10/03/16	72.54	---	31.30	---	41.24
GMW-O-2	10/03/16	72.54	---	31.30	---	41.24
GMW-O-2	04/17/17	72.54	---	30.00	---	42.54
GMW-O-2	10/02/17	72.54	---	31.39	---	41.15
GMW-O-2	04/16/18	72.54	---	31.82	---	40.72
GMW-O-2	11/05/18	72.54	---	32.27	---	40.27
GMW-O-2	04/16/19	72.54	---	31.49	---	41.05
GMW-O-2	10/28/19	72.54	---	31.45	---	41.09
GMW-O-2	05/04/20	72.54	---	31.04	---	41.50
GMW-O-2	11/02/20	72.54	---	30.97	---	41.57
GMW-O-2	05/03/21	72.54	---	31.66	---	40.88
GMW-O-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-3	11/13/00	72.19	---	23.90	---	48.29
GMW-O-3	02/05/01	72.19	---	23.61	---	48.58
GMW-O-3	05/07/01	72.19	---	22.81	---	49.38
GMW-O-3	09/18/01	72.19	---	22.55	---	49.64
GMW-O-3	11/05/01	72.19	---	22.90	---	49.29
GMW-O-3	01/29/02	72.19	---	23.18	---	49.01
GMW-O-3	04/08/02	72.19	---	23.18	---	49.01
GMW-O-3	07/29/02	72.39	---	24.05	---	48.34
GMW-O-3	10/21/02	72.19	---	24.07	---	48.12
GMW-O-3	01/14/03	72.19	---	23.90	---	48.29
GMW-O-3	01/27/03	72.19	---	23.75	---	48.44
GMW-O-3	04/07/03	72.19	---	23.53	---	48.66
GMW-O-3	07/30/03	72.19	---	23.35	---	48.84
GMW-O-3	10/06/03	72.19	---	23.52	---	48.67
GMW-O-3	01/11/04	72.19	---	24.67	---	47.52
GMW-O-3	01/27/04	72.19	---	23.79	---	48.40
GMW-O-3	04/19/04	72.19	---	24.08	---	48.11
GMW-O-3	07/19/04	72.19	---	24.13	---	48.06
GMW-O-3	02/01/05	72.19	---	23.52	---	48.67
GMW-O-3	05/02/05	72.19	---	20.03	---	52.16
GMW-O-3	08/01/05	72.19	---	20.18	---	52.01
GMW-O-3	10/31/05	72.19	---	20.56	---	51.63
GMW-O-3	02/27/06	72.19	---	21.04	---	51.15
GMW-O-3	05/01/06	72.19	---	21.09	---	51.10
GMW-O-3	09/18/06	72.19	---	21.84	---	50.35
GMW-O-3	12/04/06	72.19	---	22.87	---	49.32
GMW-O-3	03/12/07	72.19	---	22.22	---	49.97
GMW-O-3	04/30/07	72.19	---	22.16	---	50.03
GMW-O-3	08/28/07	72.19	---	21.87	---	50.32
GMW-O-3	11/12/07	72.19	---	22.52	---	49.67
GMW-O-3	02/19/08	72.19	---	23.10	---	49.09
GMW-O-3	04/14/08	72.19	---	22.83	---	49.36
GMW-O-3	08/11/08	72.19	---	23.26	---	48.93
GMW-O-3	08/15/08	74.93	---	NM	---	NC
GMW-O-3	10/13/08	74.93	---	23.42	---	51.51
GMW-O-3	04/20/09	72.19	---	23.18	---	49.01
GMW-O-3	07/20/09	72.19	---	24.21	---	47.98
GMW-O-3	10/19/09	72.19	---	24.49	---	47.70
GMW-O-3	03/15/10	72.19	---	24.77	---	47.42
GMW-O-3	05/24/10	72.19	---	24.00	---	48.19
GMW-O-3	05/28/10	72.19	---	23.97	---	48.22
GMW-O-3	10/04/10	72.19	---	24.43	---	47.76
GMW-O-3	01/10/11	72.19	---	25.17	---	47.02
GMW-O-3	04/11/11	72.19	---	23.49	---	48.70
GMW-O-3	07/11/11	72.19	---	23.36	---	48.83
GMW-O-3	10/10/11	72.19	---	23.70	---	48.49
GMW-O-3	01/09/12	72.19	---	24.29	---	47.90
GMW-O-3	04/16/12	72.19	---	24.72	---	47.47
GMW-O-3	07/09/12	72.19	---	25.29	---	46.90
GMW-O-3	10/15/12	72.19	---	25.33	---	46.86

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-3	01/14/13	72.19	---	26.32	---	45.87
GMW-O-3	04/08/13	72.19	---	26.19	---	46.00
GMW-O-3	10/07/13	72.19	---	26.93	---	45.26
GMW-O-3	04/14/14	72.19	---	27.40	---	44.79
GMW-O-3	10/27/14	72.19	---	27.79	---	44.40
GMW-O-3	04/20/15	72.19	---	28.21	---	43.98
GMW-O-3	10/19/15	72.19	---	28.94	---	43.25
GMW-O-3	03/14/16	72.19	---	30.60	---	41.59
GMW-O-3	04/11/16	72.19	---	30.51	---	41.68
GMW-O-3	06/29/16	72.19	---	31.10	---	41.09
GMW-O-3	08/22/16	72.19	---	31.02	---	41.17
GMW-O-3	10/03/16	72.19	---	31.45	---	40.74
GMW-O-3	10/03/16	72.19	---	31.45	---	40.74
GMW-O-3	04/17/17	72.19	---	29.40	---	42.79
GMW-O-3	10/02/17	72.19	---	31.55	---	40.64
GMW-O-3	04/16/18	72.19	---	31.94	---	40.25
GMW-O-3	11/05/18	72.19	---	32.29	---	39.90
GMW-O-3	04/16/19	72.19	---	31.23	---	40.96
GMW-O-3	10/28/19	72.19	---	31.92	---	40.27
GMW-O-3	05/04/20	72.19	---	30.33	---	41.86
GMW-O-3	11/02/20	72.19	---	30.50	---	41.69
GMW-O-3	05/03/21	72.19	---	31.23	---	40.96
GMW-O-4	11/20/96	71.95	---	24.37	---	47.58
GMW-O-4	07/01/97	71.95	---	23.69	---	48.26
GMW-O-4	12/31/97	71.95	---	24.25	---	47.70
GMW-O-4	05/01/98	71.95	---	20.89	---	51.06
GMW-O-4	05/06/99	71.95	---	22.33	---	49.62
GMW-O-4	08/09/99	71.95	---	22.55	---	49.40
GMW-O-4	11/15/99	71.95	---	22.91	---	49.04
GMW-O-4	05/15/00	71.95	---	27.74	---	44.21
GMW-O-4	11/13/00	71.95	---	23.38	---	48.57
GMW-O-4	05/07/01	71.95	---	21.86	---	50.09
GMW-O-4	11/05/01	71.95	---	22.29	---	49.66
GMW-O-4	04/08/02	71.95	---	22.71	---	49.24
GMW-O-4	10/21/02	71.95	---	23.56	---	48.39
GMW-O-4	04/07/03	71.95	---	29.99	---	41.96
GMW-O-4	10/06/03	71.95	---	22.75	---	49.20
GMW-O-4	01/11/04	71.95	---	24.02	---	47.93
GMW-O-4	04/19/04	71.95	---	24.44	---	47.51
GMW-O-4	05/02/05	71.95	---	18.86	---	53.09
GMW-O-4	10/31/05	71.95	---	19.91	---	52.04
GMW-O-4	05/01/06	71.95	---	20.52	---	51.43
GMW-O-4	12/04/06	71.95	---	21.17	---	50.78
GMW-O-4	04/30/07	71.95	---	21.74	---	50.21
GMW-O-4	11/12/07	71.95	---	22.10	---	49.85
GMW-O-4	04/14/08	71.95	---	22.28	---	49.67
GMW-O-4	10/13/08	71.95	---	22.93	---	49.02
GMW-O-4	04/20/09	71.95	---	25.29	---	46.66
GMW-O-4	10/19/09	71.95	---	24.14	---	47.81
GMW-O-4	05/24/10	71.95	---	23.50	---	48.45

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-4	05/28/10	71.95	---	23.47	---	48.48
GMW-O-4	10/04/10	71.95	---	23.97	---	47.98
GMW-O-4	04/11/11	71.95	---	23.00	---	48.95
GMW-O-4	10/10/11	71.95	---	23.31	---	48.64
GMW-O-4	04/16/12	71.95	---	24.45	---	47.50
GMW-O-4	07/09/12	71.95	---	NM	---	NC
GMW-O-4	10/15/12	71.95	---	25.14	---	46.81
GMW-O-4	04/08/13	71.95	---	25.88	---	46.07
GMW-O-4	10/07/13	71.95	---	26.51	---	45.44
GMW-O-4	04/14/14	71.95	---	26.98	---	44.97
GMW-O-4	10/27/14	71.95	---	27.42	---	44.53
GMW-O-4	04/20/15	71.95	---	27.79	---	44.16
GMW-O-4	10/19/15	71.95	---	28.57	---	43.38
GMW-O-4	03/14/16	71.95	---	30.55	---	41.40
GMW-O-4	04/11/16	71.95	---	29.80	---	42.15
GMW-O-4	06/29/16	71.95	---	30.30	---	41.65
GMW-O-4	08/22/16	71.95	---	30.34	---	41.61
GMW-O-4	10/03/16	71.95	---	30.90	---	41.05
GMW-O-4	10/03/16	71.95	---	30.90	---	41.05
GMW-O-4	04/17/17	71.95	---	28.90	---	43.05
GMW-O-4	10/02/17	71.95	---	30.44	---	41.51
GMW-O-4	04/16/18	71.95	---	31.13	---	40.82
GMW-O-4	11/05/18	71.95	---	31.54	---	40.41
GMW-O-4	04/16/19	71.95	---	30.33	---	41.62
GMW-O-4	10/28/19	71.95	---	31.02	---	40.93
GMW-O-4	05/04/20	71.95	---	29.86	---	42.09
GMW-O-4	11/02/20	71.95	---	29.70	---	42.25
GMW-O-4	05/03/21	71.95	---	30.21	---	41.74
GMW-O-4 (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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-4 (MID)	11/12/07	72.24	---	29.34	---	42.90
GMW-O-4 (MID)	04/14/08	72.24	---	30.10	---	42.14
GMW-O-4 (MID)	10/13/08	72.24	---	31.40	---	40.84
GMW-O-4 (MID)	04/20/09	72.24	---	31.15	---	41.09
GMW-O-4 (MID)	10/19/09	72.24	---	32.71	---	39.53
GMW-O-4 (MID)	05/24/10	72.24	---	31.92	---	40.32
GMW-O-4 (MID)	05/28/10	72.24	---	31.95	---	40.29
GMW-O-4 (MID)	04/11/11	72.24	---	31.03	---	41.21
GMW-O-4 (MID)	10/10/11	72.24	---	31.36	---	40.88
GMW-O-4 (MID)	04/16/12	72.24	---	31.35	---	40.89
GMW-O-4 (MID)	07/09/12	72.24	---	NM	---	NC
GMW-O-4 (MID)	10/15/12	72.24	---	32.25	---	39.99
GMW-O-4 (MID)	04/08/13	72.24	---	32.81	---	39.43
GMW-O-4 (MID)	08/22/16	72.24	---	37.57	---	34.67
GMW-O-5	11/20/96	72.36	---	24.88	---	47.48
GMW-O-5	07/01/97	72.36	---	24.13	---	48.23
GMW-O-5	12/31/97	72.36	---	24.72	---	47.64
GMW-O-5	05/01/98	72.36	---	21.22	---	51.14
GMW-O-5	02/03/99	72.36	---	22.11	---	50.25
GMW-O-5	05/03/99	72.36	---	22.90	---	49.46
GMW-O-5	08/09/99	72.36	---	23.14	---	49.22
GMW-O-5	11/15/99	72.36	---	23.50	---	48.86
GMW-O-5	02/29/00	72.36	---	23.55	---	48.81
GMW-O-5	05/15/00	72.36	---	23.33	---	49.03
GMW-O-5	08/28/00	72.36	---	23.95	---	48.41
GMW-O-5	11/13/00	72.36	---	23.98	---	48.38
GMW-O-5	02/05/01	72.36	---	23.66	---	48.70
GMW-O-5	05/07/01	72.36	---	22.32	---	50.04
GMW-O-5	09/18/01	72.36	---	22.47	---	49.89
GMW-O-5	11/05/01	72.36	---	22.79	---	49.57
GMW-O-5	01/29/02	72.36	---	22.83	---	49.53
GMW-O-5	04/08/02	72.36	---	23.25	---	49.11
GMW-O-5	10/21/02	72.36	---	24.10	---	48.26
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-5	05/28/10	72.36	---	23.90	---	48.46
GMW-O-5	10/04/10	72.36	---	24.52	---	47.84
GMW-O-5	04/11/11	72.36	---	23.46	---	48.90
GMW-O-5	10/10/11	72.36	---	23.93	---	48.43
GMW-O-5	04/16/12	72.36	---	29.00	---	43.36
GMW-O-5	07/09/12	72.36	---	NM	---	NC
GMW-O-5	10/15/12	72.36	---	25.68	---	46.68
GMW-O-5	04/08/13	72.36	---	26.50	---	45.86
GMW-O-5	10/07/13	72.36	---	27.00	---	45.36
GMW-O-5	04/14/14	72.36	---	27.53	---	44.83
GMW-O-5	10/27/14	72.36	---	27.95	---	44.41
GMW-O-5	04/20/15	72.36	---	28.31	---	44.05
GMW-O-5	10/19/15	72.36	---	29.09	---	43.27
GMW-O-5	03/14/16	72.36	---	30.98	---	41.38
GMW-O-5	04/11/16	72.36	---	30.30	---	42.06
GMW-O-5	06/29/16	72.36	---	30.13	---	42.23
GMW-O-5	08/22/16	72.36	---	31.01	---	41.35
GMW-O-5	10/03/16	72.36	---	31.43	---	40.93
GMW-O-5	10/03/16	72.36	---	31.43	---	40.93
GMW-O-5	04/17/17	72.36	---	29.23	---	43.13
GMW-O-5	10/02/17	72.36	---	31.08	---	41.28
GMW-O-5	04/16/18	72.36	---	31.75	---	40.61
GMW-O-5	11/05/18	72.36	---	32.13	---	40.23
GMW-O-5	04/16/19	72.36	---	30.68	---	41.68
GMW-O-5	10/28/19	72.36	---	31.63	---	40.73
GMW-O-5	05/04/20	72.36	---	30.36	---	42.00
GMW-O-5	11/02/20	72.36	---	30.00	---	42.36
GMW-O-5	05/03/21	72.36	---	31.27	---	41.09
GMW-O-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-6	04/30/07	71.41	---	21.23	---	50.18
GMW-O-6	11/12/07	71.41	---	21.55	---	49.86
GMW-O-6	04/14/08	71.41	---	21.63	---	49.78
GMW-O-6	10/13/08	71.41	---	22.20	---	49.21
GMW-O-6	04/20/09	71.41	---	22.18	---	49.23
GMW-O-6	10/19/09	71.41	---	22.98	---	48.43
GMW-O-6	05/24/10	71.41	---	22.77	---	48.64
GMW-O-6	05/28/10	71.41	---	22.94	---	48.47
GMW-O-6	10/04/10	71.41	---	23.15	---	48.26
GMW-O-6	04/11/11	71.41	---	22.48	---	48.93
GMW-O-6	10/10/11	71.41	---	22.45	---	48.96
GMW-O-6	04/16/12	71.41	---	23.18	---	48.23
GMW-O-6	07/09/12	71.41	---	NM	---	NC
GMW-O-6	10/15/12	71.41	---	23.41	---	48.00
GMW-O-6	04/08/13	71.41	---	24.36	---	47.05
GMW-O-6	10/07/13	71.41	---	25.31	---	46.10
GMW-O-6	04/28/14	71.41	---	25.98	---	45.43
GMW-O-6	10/27/14	71.41	---	26.27	---	45.14
GMW-O-6	04/20/15	71.41	---	26.10	---	45.31
GMW-O-6	10/19/15	71.41	---	27.50	---	43.91
GMW-O-6	04/11/16	71.41	---	28.41	---	43.00
GMW-O-6	10/03/16	71.41	---	29.00	---	42.41
GMW-O-6	10/03/16	71.41	---	29.00	---	42.41
GMW-O-6	04/17/17	71.41	---	28.60	---	42.81
GMW-O-6	10/02/17	71.41	---	29.11	---	42.30
GMW-O-6	04/16/18	71.41	---	29.63	---	41.78
GMW-O-6	11/05/18	71.41	---	30.25	---	41.16
GMW-O-6	04/16/19	71.41	---	29.72	---	41.69
GMW-O-6	10/28/19	71.41	---	29.93	---	41.48
GMW-O-6	05/04/20	71.41	---	29.38	---	42.03
GMW-O-6	11/02/20	71.41	---	29.43	---	41.98
GMW-O-6	05/03/21	71.41	---	30.01	---	41.40
GMW-O-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-7	11/12/07	70.98	---	20.93	---	50.05
GMW-O-7	10/13/08	70.98	---	21.43	---	49.55
GMW-O-7	04/20/09	70.98	---	21.49	---	49.49
GMW-O-7	10/19/09	70.98	---	21.91	---	49.07
GMW-O-7	05/24/10	70.98	---	21.90	---	49.08
GMW-O-7	05/28/10	70.98	---	21.95	---	49.03
GMW-O-7	10/04/10	70.98	---	22.25	---	48.73
GMW-O-7	04/11/11	70.98	---	21.59	---	49.39
GMW-O-7	10/10/11	70.98	---	21.70	---	49.28
GMW-O-7	04/16/12	70.98	---	22.40	---	48.58
GMW-O-7	07/09/12	70.98	---	NM	---	NC
GMW-O-7	10/15/12	70.98	---	22.83	---	48.15
GMW-O-7	04/08/13	70.98	---	23.90	---	47.08
GMW-O-7	10/07/13	70.98	---	24.12	---	46.86
GMW-O-7	04/14/14	70.98	---	24.90	---	46.08
GMW-O-7	10/27/14	70.98	---	25.59	---	45.39
GMW-O-7	04/20/15	70.98	---	26.09	---	44.89
GMW-O-7	10/19/15	70.98	---	26.63	---	44.35
GMW-O-7	04/11/16	70.98	---	27.40	---	43.58
GMW-O-7	10/03/16	70.98	---	28.10	---	42.88
GMW-O-7	10/03/16	70.98	---	28.10	---	42.88
GMW-O-7	04/17/17	70.98	---	28.40	---	42.58
GMW-O-7	10/02/17	70.98	---	28.18	---	42.80
GMW-O-7	04/16/18	70.98	---	28.61	---	42.37
GMW-O-7	11/05/18	70.98	---	29.15	---	41.83
GMW-O-7	04/16/19	70.98	---	28.82	---	42.16
GMW-O-7	10/28/19	70.98	---	DRY	---	NC
GMW-O-7	05/04/20	70.98	---	28.52	---	42.46
GMW-O-7	11/02/20	70.98	---	28.59	---	42.39
GMW-O-7	05/03/21	70.98	---	29.30	---	41.68
GMW-O-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-8	05/01/06	70.91	---	19.77	---	51.14
GMW-O-8	12/04/06	70.91	---	20.17	---	50.74
GMW-O-8	04/30/07	70.91	---	20.54	---	50.37
GMW-O-8	11/12/07	70.91	---	20.91	---	50.00
GMW-O-8	04/14/08	70.91	---	21.27	---	49.64
GMW-O-8	10/13/08	70.91	---	21.57	---	49.34
GMW-O-8	04/20/09	70.91	---	21.80	---	49.11
GMW-O-8	10/19/09	70.91	---	22.41	---	48.50
GMW-O-8	05/24/10	70.91	---	22.50	---	48.41
GMW-O-8	05/28/10	70.91	---	22.41	---	48.50
GMW-O-8	10/04/10	70.91	---	22.60	---	48.31
GMW-O-8	04/11/11	70.91	---	22.24	---	48.67
GMW-O-8	10/10/11	70.91	---	21.71	---	49.20
GMW-O-8	04/16/12	70.91	---	22.54	---	48.37
GMW-O-8	07/09/12	70.91	---	NM	---	NC
GMW-O-8	10/15/12	70.91	---	22.87	---	48.04
GMW-O-8	04/08/13	70.91	---	23.64	---	47.27
GMW-O-8	10/07/13	70.91	---	24.53	---	46.38
GMW-O-8	04/14/14	70.91	---	25.21	---	45.70
GMW-O-8	10/27/14	70.91	---	25.74	---	45.17
GMW-O-8	04/20/15	70.91	---	26.39	---	44.52
GMW-O-8	10/19/15	70.91	---	27.53	---	43.38
GMW-O-8	04/11/16	70.91	---	28.47	---	42.44
GMW-O-8	10/03/16	70.91	---	29.51	---	41.40
GMW-O-8	10/03/16	70.91	---	29.51	---	41.40
GMW-O-8	04/17/17	70.91	---	29.20	---	41.71
GMW-O-8	10/02/17	70.91	---	29.85	---	41.06
GMW-O-8	04/16/18	70.91	---	30.23	---	40.68
GMW-O-8	11/05/18	70.91	---	30.70	---	40.21
GMW-O-8	04/16/19	70.91	---	30.10	---	40.81
GMW-O-8	10/28/19	70.91	---	30.55	---	40.36
GMW-O-8	05/04/20	70.91	---	29.93	---	40.98
GMW-O-8	11/02/20	70.91	---	29.81	---	41.10
GMW-O-8	05/03/21	70.91	---	30.42	---	40.49
GMW-O-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. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-9	04/19/04	73.50	---	25.74	---	47.76
GMW-O-9	05/02/05	73.50	---	22.61	---	50.89
GMW-O-9	10/31/05	73.50	---	22.14	---	51.36
GMW-O-9	05/05/06	73.50	---	23.61	---	49.89
GMW-O-9	12/04/06	73.50	---	23.84	---	49.66
GMW-O-9	04/30/07	73.50	---	23.52	---	49.98
GMW-O-9	11/12/07	73.50	---	23.94	---	49.56
GMW-O-9	04/14/08	73.50	---	24.31	---	49.19
GMW-O-9	10/13/08	73.50	---	24.71	---	48.79
GMW-O-9	04/20/09	73.50	---	24.86	---	48.64
GMW-O-9	10/19/09	73.50	---	25.86	---	47.64
GMW-O-9	05/24/10	73.50	---	25.57	---	47.93
GMW-O-9	05/28/10	73.50	---	25.50	---	48.00
GMW-O-9	10/04/10	73.50	---	25.89	---	47.61
GMW-O-9	01/10/11	73.50	---	26.69	---	46.81
GMW-O-9	04/11/11	73.50	---	25.17	---	48.33
GMW-O-9	07/11/11	73.50	---	NM	---	NC
GMW-O-9	10/10/11	73.50	---	25.16	---	48.34
GMW-O-9	01/09/12	73.50	---	26.02	---	47.48
GMW-O-9	04/16/12	73.50	---	26.13	---	47.37
GMW-O-9	07/09/12	73.50	---	26.91	---	46.59
GMW-O-9	10/15/12	73.50	---	26.74	---	46.76
GMW-O-9	01/14/13	73.50	---	26.82	---	46.68
GMW-O-9	04/08/13	73.50	---	27.63	---	45.87
GMW-O-9	10/07/13	73.50	---	28.31	---	45.19
GMW-O-9	04/14/14	73.50	---	28.81	---	44.69
GMW-O-9	10/27/14	73.50	---	29.24	---	44.26
GMW-O-9	04/20/15	73.50	---	29.75	---	43.75
GMW-O-9	10/19/15	73.50	---	30.33	---	43.17
GMW-O-9	03/14/16	73.50	---	31.88	---	41.62
GMW-O-9	04/11/16	73.50	---	31.62	---	41.88
GMW-O-9	06/29/16	73.50	---	31.41	---	42.09
GMW-O-9	08/22/16	73.50	---	32.66	---	40.84
GMW-O-9	10/03/16	73.50	---	33.03	---	40.47
GMW-O-9	10/03/16	73.50	---	33.03	---	40.47
GMW-O-9	04/17/17	73.50	---	31.25	---	42.25
GMW-O-9	10/02/17	73.50	---	33.25	---	40.25
GMW-O-9	04/16/18	73.50	---	33.56	---	39.94
GMW-O-9	11/05/18	73.50	---	33.98	---	39.52
GMW-O-9	04/16/19	73.50	---	32.94	---	40.56
GMW-O-9	10/28/19	73.50	---	34.58	---	38.92
GMW-O-9	05/04/20	73.50	---	32.06	---	41.44
GMW-O-9	11/02/20	73.50	---	32.16	---	41.34
GMW-O-9	05/03/21	73.50	---	32.83	---	40.67
GMW-O-10	11/20/96	73.98	---	27.10	---	46.88
GMW-O-10	07/01/97	73.98	---	28.23	---	45.75
GMW-O-10	12/31/97	73.98	---	27.94	---	46.04
GMW-O-10	05/01/98	73.98	---	24.56	---	49.42
GMW-O-10	05/07/99	73.98	---	25.10	---	48.88
GMW-O-10	08/09/99	73.98	---	26.10	---	47.88

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-10	11/15/99	73.98	---	25.67	---	48.31
GMW-O-10	11/13/00	73.98	---	26.54	---	47.44
GMW-O-10	05/07/01	73.98	---	25.23	---	48.75
GMW-O-10	11/05/01	73.98	---	25.22	---	48.76
GMW-O-10	04/08/02	73.98	---	25.35	---	48.63
GMW-O-10	10/21/02	73.98	---	26.39	---	47.59
GMW-O-10	04/07/03	73.98	---	25.64	---	48.34
GMW-O-10	07/30/03	73.98	---	25.60	---	48.38
GMW-O-10	10/06/03	73.98	---	25.67	---	48.31
GMW-O-10	01/11/04	73.98	---	26.96	---	47.02
GMW-O-10	04/19/04	73.98	---	26.60	---	47.38
GMW-O-10	05/02/05	73.98	---	23.71	---	50.27
GMW-O-10	10/31/05	73.98	---	22.65	---	51.33
GMW-O-10	05/05/06	73.98	---	22.33	---	51.65
GMW-O-10	12/04/06	73.98	---	23.24	---	50.74
GMW-O-10	04/30/07	73.98	---	24.07	---	49.91
GMW-O-10	11/12/07	73.98	---	24.45	---	49.53
GMW-O-10	04/14/08	73.98	---	24.83	---	49.15
GMW-O-10	08/11/08	73.98	---	25.22	---	48.76
GMW-O-10	10/13/08	73.98	---	25.25	---	48.73
GMW-O-10	04/20/09	73.98	---	25.58	---	48.40
GMW-O-10	10/19/09	73.98	---	26.72	---	47.26
GMW-O-10	05/24/10	73.98	---	26.92	---	47.06
GMW-O-10	05/28/10	73.98	---	29.10	---	44.88
GMW-O-10	10/04/10	73.98	---	26.48	---	47.50
GMW-O-10	01/10/11	73.98	---	27.30	---	46.68
GMW-O-10	04/11/11	73.98	---	25.72	---	48.26
GMW-O-10	07/11/11	73.98	---	NM	---	NC
GMW-O-10	10/10/11	73.98	---	26.29	---	47.69
GMW-O-10	01/09/12	73.98	---	26.82	---	47.16
GMW-O-10	04/16/12	73.98	---	26.90	---	47.08
GMW-O-10	07/09/12	73.98	---	27.81	---	46.17
GMW-O-10	10/15/12	73.98	---	28.40	---	45.58
GMW-O-10	01/14/13	73.98	---	28.57	---	45.41
GMW-O-10	04/08/13	73.98	---	26.31	---	47.67
GMW-O-10	10/07/13	73.98	---	29.17	---	44.81
GMW-O-10	04/14/14	73.98	---	29.48	---	44.50
GMW-O-10	10/27/14	73.98	---	29.93	---	44.05
GMW-O-10	04/20/15	73.98	---	30.52	---	43.46
GMW-O-10	10/19/15	73.98	---	31.17	---	42.81
GMW-O-10	03/14/16	73.98	---	32.65	---	41.33
GMW-O-10	04/11/16	73.98	---	32.23	---	41.75
GMW-O-10	06/29/16	73.98	---	32.20	---	41.78
GMW-O-10	08/22/16	73.98	---	34.18	---	39.80
GMW-O-10	10/03/16	73.98	---	33.13	---	40.85
GMW-O-10	10/03/16	73.98	---	33.13	---	40.85
GMW-O-10	04/17/17	73.98	---	31.47	---	42.51
GMW-O-10	10/02/17	73.98	---	34.96	---	39.02
GMW-O-10	11/05/18	73.98	---	34.82	---	39.16
GMW-O-10	04/16/19	73.98	---	33.86	---	40.12

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-10	10/28/19	73.98	---	35.00	---	38.98
GMW-O-10	05/04/20	73.98	---	32.53	---	41.45
GMW-O-10	11/02/20	73.98	---	32.73	---	41.25
GMW-O-10	05/03/21	73.98	---	33.41	---	40.57
GMW-O-11	04/08/02	74.17	---	23.96	---	50.21
GMW-O-11	04/07/03	74.17	---	NM	---	NC
GMW-O-11	10/06/03	74.17	---	NM	---	NC
GMW-O-11	01/11/04	74.17	---	NM	---	NC
GMW-O-11	04/19/04	74.17	---	27.40	---	46.77
GMW-O-11	05/02/05	74.17	22.46	22.48	0.02	51.71
GMW-O-11	10/31/05	74.17	21.73	21.92	0.19	52.40
GMW-O-11	05/01/06	74.17	---	21.51	---	52.66
GMW-O-11	12/04/06	74.17	---	22.38	---	51.79
GMW-O-11	04/30/07	74.17	23.90	23.91	0.01	50.27
GMW-O-11	11/12/07	74.17	---	24.40	---	49.77
GMW-O-11	08/15/08	74.17	---	29.30	---	44.87
GMW-O-11	10/17/08	74.17	---	24.45	---	49.72
GMW-O-11	12/19/08	74.17	---	24.85	---	49.32
GMW-O-11	01/15/09	74.17	24.38	26.87	2.49	49.29
GMW-O-11	02/24/09	74.17	24.21	24.31	0.10	49.94
GMW-O-11	03/27/09	74.17	---	31.08	---	43.09
GMW-O-11	04/21/09	74.17	25.34	25.36	0.02	48.83
GMW-O-11	07/21/09	74.17	---	26.18	---	47.99
GMW-O-11	10/19/09	74.17	---	NM	---	NC
GMW-O-11	11/06/09	74.17	26.18	26.33	0.15	47.96
GMW-O-11	10/04/10	74.17	---	30.00	---	44.17
GMW-O-11	04/13/11	74.17	---	24.19	---	49.98
GMW-O-11	10/10/11	74.17	---	24.38	---	49.79
GMW-O-11	04/16/12	74.17	---	NM	---	NC
GMW-O-11	07/09/12	74.17	---	NM	---	NC
GMW-O-11	10/15/12	74.17	---	28.12	---	46.05
GMW-O-11	04/08/13	74.17	---	NM	---	NC
GMW-O-11	09/24/13	74.17	28.15	31.25	3.10	45.40
GMW-O-11	10/07/13	74.17	27.69	31.19	3.50	45.78
GMW-O-11	04/25/14	74.17	28.62	28.96	0.34	45.48
GMW-O-11	09/05/14	74.17	27.89	31.13	3.24	45.63
GMW-O-11	09/11/14	74.17	27.85	31.12	3.27	45.67
GMW-O-11	09/18/14	74.17	27.85	31.22	3.37	45.65
GMW-O-11	09/26/14	74.17	27.91	31.34	3.43	45.57
GMW-O-11	10/01/14	74.17	27.84	31.19	3.35	45.66
GMW-O-11	10/06/14	74.17	27.84	32.19	4.35	45.46
GMW-O-11	10/14/14	74.17	28.85	31.18	2.33	44.85
GMW-O-11	10/23/14	74.17	27.85	31.34	3.49	45.62
GMW-O-11	10/27/14	74.17	28.89	31.28	2.39	44.80
GMW-O-11	11/03/14	74.17	27.83	32.34	4.51	45.44
GMW-O-11	11/10/14	74.17	27.97	31.46	3.49	45.50
GMW-O-11	11/18/14	74.17	27.88	31.41	3.53	45.58
GMW-O-11	11/25/14	74.17	27.87	31.48	3.61	45.58
GMW-O-11	12/03/14	74.17	29.95	33.34	3.39	43.54
GMW-O-11	12/12/14	74.17	29.08	33.25	4.17	44.26

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-11	12/19/14	74.17	28.09	32.52	4.43	45.19
GMW-O-11	04/22/15	74.17	28.10	31.54	3.44	45.38
GMW-O-11	10/22/15	74.17	29.23	33.08	3.85	44.17
GMW-O-11	03/16/16	74.17	33.16	33.39	0.23	40.96
GMW-O-11	04/12/16	74.17	33.12	33.33	0.21	41.01
GMW-O-11	06/30/16	74.17	---	31.50	---	42.67
GMW-O-11	08/22/16	74.17	32.74	32.75	0.01	41.43
GMW-O-11	10/06/16	74.17	32.71	32.72	0.01	41.46
GMW-O-11	10/06/16	74.17	32.71	32.72	0.01	NC
GMW-O-11	04/17/17	74.17	29.96	30.12	0.16	44.18
GMW-O-11	10/02/17	74.17	---	33.54	---	40.63
GMW-O-11	11/05/18	74.17	33.11	33.22	0.11	41.04
GMW-O-11	04/16/19	74.17	---	NM	---	NC
GMW-O-11	10/28/19	74.17	---	NM	---	NC
GMW-O-11	05/04/20	74.17	---	30.94	---	43.23
GMW-O-11	08/20/20	74.17	---	30.89	---	43.28
GMW-O-11	11/02/20	74.17	---	30.30	---	43.87
GMW-O-11	02/24/21	74.17	---	32.18	---	41.99
GMW-O-11	05/03/21	74.17	---	31.89	---	42.28
GMW-O-12	12/31/97	73.49	25.45	31.02	5.57	46.90
GMW-O-12	05/01/98	73.49	19.94	22.69	2.75	52.99
GMW-O-12	05/04/99	73.49	22.99	24.63	1.64	50.16
GMW-O-12	08/09/99	73.49	---	NM	---	NC
GMW-O-12	11/15/99	73.49	---	NM	---	NC
GMW-O-12	05/15/00	73.49	---	NM	---	NC
GMW-O-12	11/13/00	73.49	---	.70	---	72.79
GMW-O-12	05/07/01	73.49	---	22.28	---	51.21
GMW-O-12	05/10/01	73.49	---	24.25	---	49.24
GMW-O-12	11/05/01	73.49	---	22.63	---	50.86
GMW-O-12	04/08/02	73.49	---	23.81	---	49.68
GMW-O-12	04/07/03	73.49	---	NM	---	NC
GMW-O-12	10/06/03	73.49	---	24.82	---	48.67
GMW-O-12	01/11/04	73.49	---	NM	---	NC
GMW-O-12	04/19/04	73.49	---	26.91	---	46.58
GMW-O-12	05/02/05	73.49	---	21.79	---	51.70
GMW-O-12	10/31/05	73.49	---	26.67	---	46.82
GMW-O-12	05/01/06	73.49	---	21.80	---	51.69
GMW-O-12	12/04/06	73.49	---	22.58	---	50.91
GMW-O-12	04/30/07	73.49	---	22.81	---	50.68
GMW-O-12	11/12/07	73.49	---	23.13	---	50.36
GMW-O-12	04/14/08	73.49	---	23.36	---	50.13
GMW-O-12	10/13/08	73.49	---	24.20	---	49.29
GMW-O-12	04/20/09	73.49	---	24.21	---	49.28
GMW-O-12	10/19/09	73.49	---	25.08	---	48.41
GMW-O-12	05/24/10	73.49	---	24.80	---	48.69
GMW-O-12	05/28/10	73.49	---	24.74	---	48.75
GMW-O-12	10/04/10	73.49	25.20	25.31	0.11	48.27
GMW-O-12	01/10/11	73.49	26.32	26.42	0.10	47.15
GMW-O-12	04/11/11	73.49	---	24.04	---	49.45
GMW-O-12	07/11/11	73.49	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-12	10/10/11	73.49	---	24.68	---	48.81
GMW-O-12	01/09/12	73.49	---	25.12	---	48.37
GMW-O-12	04/16/12	73.49	---	25.40	---	48.09
GMW-O-12	07/09/12	73.49	---	26.96	---	46.53
GMW-O-12	10/15/12	73.49	25.44	25.48	0.04	48.04
GMW-O-12	01/14/13	73.49	25.58	25.62	0.04	47.90
GMW-O-12	04/08/13	73.49	26.51	26.60	0.09	46.96
GMW-O-12	09/24/13	73.49	27.74	27.90	0.16	45.72
GMW-O-12	10/07/13	73.49	27.28	27.34	0.06	46.20
GMW-O-12	04/14/14	73.49	26.80	30.34	3.54	45.96
GMW-O-12	05/06/14	73.49	26.74	30.93	4.19	45.89
GMW-O-12	05/12/14	73.49	26.82	30.81	3.99	45.85
GMW-O-12	05/20/14	73.49	27.32	31.78	4.46	45.26
GMW-O-12	05/27/14	73.49	26.78	33.04	6.26	45.43
GMW-O-12	06/04/14	73.49	27.75	33.00	5.25	44.66
GMW-O-12	06/10/14	73.49	26.81	34.53	7.72	45.10
GMW-O-12	07/03/14	73.49	26.94	34.27	7.33	45.05
GMW-O-12	07/08/14	73.49	26.87	33.87	7.00	45.19
GMW-O-12	07/18/14	73.49	27.07	33.36	6.29	45.13
GMW-O-12	07/24/14	73.49	26.98	33.00	6.02	45.28
GMW-O-12	08/01/14	73.49	26.83	31.80	4.97	45.64
GMW-O-12	08/08/14	73.49	26.91	31.26	4.35	45.69
GMW-O-12	08/13/14	73.49	26.88	31.18	4.30	45.73
GMW-O-12	08/19/14	73.49	26.86	31.01	4.15	45.78
GMW-O-12	08/29/14	73.49	26.89	31.03	4.14	45.75
GMW-O-12	09/05/14	73.49	26.88	31.19	4.31	45.73
GMW-O-12	09/18/14	73.49	26.82	31.30	4.48	45.75
GMW-O-12	09/26/14	73.49	26.89	31.33	4.44	45.69
GMW-O-12	10/01/14	73.49	26.85	31.21	4.36	45.75
GMW-O-12	10/06/14	73.49	29.84	31.20	1.36	43.37
GMW-O-12	10/14/14	73.49	26.86	31.14	4.28	45.75
GMW-O-12	10/23/14	73.49	26.85	31.30	4.45	45.73
GMW-O-12	10/27/14	73.49	26.90	31.28	4.38	45.69
GMW-O-12	11/03/14	73.49	26.84	32.30	5.46	45.53
GMW-O-12	11/10/14	73.49	26.91	31.45	4.54	45.65
GMW-O-12	11/18/14	73.49	26.90	32.34	5.44	45.47
GMW-O-12	11/25/14	73.49	27.87	31.57	3.70	44.86
GMW-O-12	12/03/14	73.49	28.81	33.87	5.06	43.64
GMW-O-12	12/19/14	73.49	26.97	32.78	5.81	45.33
GMW-O-12	04/20/15	73.49	26.91	33.35	6.44	45.26
GMW-O-12	04/22/15	73.49	26.91	33.35	6.44	45.26
GMW-O-12	05/21/15	73.49	27.35	34.31	6.96	44.71
GMW-O-12	05/29/15	73.49	27.24	34.15	6.91	44.83
GMW-O-12	06/02/15	73.49	27.27	34.00	6.73	44.84
GMW-O-12	06/05/15	73.49	27.50	34.00	6.50	44.66
GMW-O-12	06/12/15	73.49	27.35	33.96	6.61	44.78
GMW-O-12	06/19/15	73.49	27.58	33.98	6.40	44.60
GMW-O-12	06/26/15	73.49	28.15	33.97	5.82	44.15
GMW-O-12	07/02/15	73.49	28.20	33.83	5.63	44.14
GMW-O-12	07/07/15	73.49	27.93	33.60	5.67	44.40

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-12	07/17/15	73.49	27.85	33.57	5.72	44.47
GMW-O-12	07/24/15	73.49	28.25	33.15	4.90	44.24
GMW-O-12	07/29/15	73.49	28.10	33.02	4.92	44.38
GMW-O-12	08/11/15	73.49	28.90	33.00	4.10	43.75
GMW-O-12	08/18/15	73.49	28.23	32.65	4.42	44.35
GMW-O-12	08/28/15	73.49	28.17	32.41	4.24	44.45
GMW-O-12	09/01/15	73.49	28.65	33.18	4.53	43.91
GMW-O-12	09/25/15	73.49	28.03	34.69	6.66	44.09
GMW-O-12	10/16/15	73.49	27.83	34.63	6.80	44.27
GMW-O-12	10/19/15	73.49	27.82	34.65	6.83	44.27
GMW-O-12	10/30/15	73.49	28.11	39.38	11.27	43.07
GMW-O-12	03/14/16	73.49	31.60	32.40	0.80	41.73
GMW-O-12	04/11/16	73.49	26.86	33.35	6.49	45.30
GMW-O-12	06/29/16	73.49	33.10	33.90	0.80	40.23
GMW-O-12	08/22/16	73.49	31.07	33.56	2.49	41.91
GMW-O-12	10/03/16	73.49	31.90	34.20	2.30	41.12
GMW-O-12	10/03/16	73.49	31.90	34.20	2.30	NC
GMW-O-12	04/17/17	73.49	28.70	32.90	4.20	43.93
GMW-O-12	10/02/17	73.49	32.00	33.20	1.20	NC
GMW-O-12	04/16/18	73.49	31.89	33.04	1.15	41.36
GMW-O-12	11/05/18	73.49	32.31	32.65	0.34	41.11
GMW-O-12	04/16/19	73.49	31.21	31.62	0.41	42.20
GMW-O-12	10/28/19	73.49	---	32.45	---	NC
GMW-O-12	05/04/20	73.49	30.04	30.35	0.31	43.39
GMW-O-12	08/20/20	73.49	31.75	31.98	0.23	41.69
GMW-O-12	11/02/20	73.49	30.27	31.65	1.38	42.94
GMW-O-12	02/24/21	73.49	31.45	31.97	0.52	41.94
GMW-O-12	05/03/21	73.49	31.05	31.66	0.61	42.31
GMW-O-13	11/20/96	74.19	26.48	28.92	2.44	47.22
GMW-O-13	07/01/97	74.19	26.55	28.87	2.32	47.18
GMW-O-13	12/31/97	74.19	26.83	28.91	2.08	46.94
GMW-O-13	05/01/98	74.19	22.55	23.06	0.51	51.54
GMW-O-13	05/04/99	74.19	24.46	25.78	1.32	49.47
GMW-O-13	08/09/99	74.19	---	25.20	---	48.99
GMW-O-13	11/15/99	74.19	---	NM	---	NC
GMW-O-13	05/15/00	74.19	---	NM	---	NC
GMW-O-13	11/13/00	74.19	---	NM	---	NC
GMW-O-13	05/07/01	74.19	---	NM	---	NC
GMW-O-13	04/08/02	74.19	---	25.47	---	48.72
GMW-O-14	11/20/96	74.08	---	25.52	---	48.56
GMW-O-14	07/01/97	74.08	---	26.39	---	47.69
GMW-O-14	12/31/97	74.08	25.03	25.06	0.03	49.04
GMW-O-14	05/01/98	74.08	---	23.72	---	50.36
GMW-O-14	08/09/99	74.08	---	25.04	---	49.04
GMW-O-14	11/15/99	74.08	---	NM	---	NC
GMW-O-14	05/15/00	74.08	---	26.67	---	47.41
GMW-O-14	11/13/00	74.08	---	25.85	---	48.23
GMW-O-14	05/07/01	74.08	---	24.34	---	49.74
GMW-O-14	11/05/01	74.08	---	24.65	---	49.43
GMW-O-14	04/08/02	74.08	---	25.19	---	48.89

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-14	07/29/02	74.08	---	25.65	---	48.43
GMW-O-14	10/21/02	74.08	---	26.00	---	48.08
GMW-O-14	01/27/03	74.08	---	25.64	---	48.44
GMW-O-14	04/07/03	74.08	---	25.36	---	48.72
GMW-O-14	07/30/03	74.08	---	25.14	---	48.94
GMW-O-14	10/06/03	74.08	---	25.12	---	48.96
GMW-O-14	01/11/04	74.08	---	26.31	---	47.77
GMW-O-14	01/27/04	74.08	---	25.58	---	48.50
GMW-O-14	04/19/04	74.08	---	26.02	---	48.06
GMW-O-14	07/19/04	74.08	---	26.01	---	48.07
GMW-O-14	02/01/05	74.08	---	25.08	---	49.00
GMW-O-14	05/02/05	74.08	---	21.41	---	52.67
GMW-O-14	08/01/05	74.08	---	21.39	---	52.69
GMW-O-14	10/31/05	74.08	---	21.90	---	52.18
GMW-O-14	02/27/06	74.08	---	22.64	---	51.44
GMW-O-14	05/01/06	74.08	---	22.58	---	51.50
GMW-O-14	09/18/06	74.08	---	23.18	---	50.90
GMW-O-14	12/04/06	74.08	---	23.36	---	50.72
GMW-O-14	03/12/07	74.08	---	23.81	---	50.27
GMW-O-14	04/30/07	74.08	---	23.57	---	50.51
GMW-O-14	08/28/07	74.08	---	22.45	---	51.63
GMW-O-14	11/12/07	74.08	---	23.97	---	50.11
GMW-O-14	02/19/08	74.08	---	24.84	---	49.24
GMW-O-14	04/14/08	74.08	---	24.53	---	49.55
GMW-O-14	08/11/08	74.08	---	25.07	---	49.01
GMW-O-14	10/13/08	74.08	---	25.20	---	48.88
GMW-O-14	04/20/09	74.08	---	25.33	---	48.75
GMW-O-14	07/20/09	74.08	---	26.31	---	47.77
GMW-O-14	10/19/09	74.08	---	26.24	---	47.84
GMW-O-14	03/15/10	74.08	---	26.71	---	47.37
GMW-O-14	05/24/10	74.08	---	26.11	---	47.97
GMW-O-14	05/28/10	74.08	---	26.11	---	47.97
GMW-O-14	10/04/10	74.08	---	26.04	---	48.04
GMW-O-14	01/10/11	74.08	---	27.12	---	46.96
GMW-O-14	04/11/11	74.08	---	25.25	---	48.83
GMW-O-14	07/11/11	74.08	---	24.77	---	49.31
GMW-O-14	10/10/11	74.08	---	25.16	---	48.92
GMW-O-14	01/09/12	74.08	---	26.14	---	47.94
GMW-O-14	04/16/12	74.08	---	26.94	---	47.14
GMW-O-14	07/09/12	74.08	---	27.51	---	46.57
GMW-O-14	10/15/12	74.08	---	27.96	---	46.12
GMW-O-14	01/14/13	74.08	---	28.32	---	45.76
GMW-O-14	04/08/13	74.08	---	28.83	---	45.25
GMW-O-14	10/07/13	74.08	---	28.84	---	45.24
GMW-O-14	04/14/14	74.08	---	29.36	---	44.72
GMW-O-14	10/27/14	74.08	---	29.84	---	44.24
GMW-O-14	04/20/15	74.08	---	30.32	---	43.76
GMW-O-14	10/19/15	74.08	---	30.98	---	43.10
GMW-O-14	03/14/16	74.08	---	32.62	---	41.46
GMW-O-14	04/11/16	74.08	---	32.34	---	41.74

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-14	06/29/16	74.08	---	32.08	---	42.00
GMW-O-14	08/22/16	74.08	---	33.44	---	40.64
GMW-O-14	10/03/16	74.08	---	34.08	---	40.00
GMW-O-14	10/03/16	74.08	---	34.08	---	40.00
GMW-O-14	04/17/17	74.08	---	31.15	---	42.93
GMW-O-14	10/02/17	74.08	---	33.75	---	40.33
GMW-O-14	04/16/18	74.08	---	34.12	---	39.96
GMW-O-14	11/05/18	74.08	---	34.27	---	39.81
GMW-O-14	04/16/19	74.08	---	32.85	---	41.23
GMW-O-14	10/28/19	74.08	---	34.07	---	40.01
GMW-O-14	05/04/20	74.08	---	32.05	---	42.03
GMW-O-14	08/20/20	74.08	---	32.34	---	41.74
GMW-O-14	11/02/20	74.08	---	32.28	---	41.80
GMW-O-14	02/24/21	74.08	---	33.54	---	40.54
GMW-O-14	05/03/21	74.08	---	31.48	---	42.60
GMW-O-15	11/20/96	74.23	25.30	30.52	5.22	47.89
GMW-O-15	08/09/99	74.23	---	NM	---	NC
GMW-O-15	11/15/99	74.23	---	NM	---	NC
GMW-O-15	05/15/00	74.23	---	27.10	---	47.13
GMW-O-15	11/13/00	74.23	---	NM	---	NC
GMW-O-15	05/07/01	74.23	22.62	24.58	1.96	51.22
GMW-O-15	11/05/01	74.23	---	NM	---	NC
GMW-O-15	04/08/02	74.23	23.02	27.51	4.49	50.31
GMW-O-15	10/21/02	74.23	24.52	24.71	0.19	49.67
GMW-O-15	04/07/03	74.23	---	NM	---	NC
GMW-O-15	05/02/05	74.23	21.01	21.15	0.14	53.19
GMW-O-15	10/31/05	74.23	22.10	22.25	0.15	52.10
GMW-O-15	05/22/06	74.23	21.89	22.31	0.42	52.26
GMW-O-15	12/04/06	74.23	22.86	22.91	0.05	51.36
GMW-O-15	04/30/07	74.23	23.30	23.41	0.11	50.91
GMW-O-15	11/12/07	74.23	23.85	23.95	0.10	50.36
GMW-O-15	04/14/08	74.23	---	23.64	---	50.59
GMW-O-15	08/08/08	74.23	---	24.60	---	49.63
GMW-O-15	08/11/08	74.23	24.34	24.40	0.06	49.88
GMW-O-15	10/16/08	74.23	---	24.53	---	49.70
GMW-O-15	12/18/08	74.23	---	24.86	---	49.37
GMW-O-15	01/02/09	74.23	---	24.82	---	49.41
GMW-O-15	01/15/09	74.23	---	26.01	---	48.22
GMW-O-15	02/20/09	74.23	---	24.80	---	49.43
GMW-O-15	02/23/09	74.23	24.74	24.76	0.02	49.49
GMW-O-15	03/24/09	74.23	---	25.55	---	48.68
GMW-O-15	04/20/09	74.23	24.61	24.66	0.05	49.61
GMW-O-15	07/17/09	74.23	---	25.01	---	49.22
GMW-O-15	07/20/09	74.23	24.94	24.99	0.05	49.28
GMW-O-15	07/22/09	74.23	24.94	24.99	0.05	49.28
GMW-O-15	10/19/09	74.23	25.43	25.55	0.12	48.78
GMW-O-15	02/04/10	74.23	25.48	25.50	0.02	48.75
GMW-O-15	03/15/10	74.23	---	NM	---	NC
GMW-O-15	04/16/10	74.23	---	23.10	---	51.13
GMW-O-15	05/24/10	74.23	---	25.67	---	48.56

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-15	05/28/10	74.23	---	25.35	---	48.88
GMW-O-15	06/22/10	74.23	---	25.81	---	48.42
GMW-O-15	07/12/10	74.23	---	NM	---	NC
GMW-O-15	08/12/10	74.23	---	NM	---	NC
GMW-O-15	09/20/10	74.23	---	NM	---	NC
GMW-O-15	10/04/10	74.23	25.80	25.85	0.05	48.42
GMW-O-15	11/23/10	74.23	---	NM	---	NC
GMW-O-15	12/22/10	74.23	---	26.31	---	47.92
GMW-O-15	01/10/11	74.23	---	25.97	---	48.26
GMW-O-15	02/24/11	74.23	---	NM	---	NC
GMW-O-15	03/23/11	74.23	---	NM	---	NC
GMW-O-15	04/12/11	74.23	22.53	22.55	0.02	51.70
GMW-O-15	05/13/11	74.23	---	NM	---	NC
GMW-O-15	06/22/11	74.23	---	NM	---	NC
GMW-O-15	07/11/11	74.23	---	NM	---	NC
GMW-O-15	08/19/11	74.23	---	NM	---	NC
GMW-O-15	09/22/11	74.23	---	NM	---	NC
GMW-O-15	10/10/11	74.23	23.22	23.79	0.57	50.90
GMW-O-15	11/28/11	74.23	---	NM	---	NC
GMW-O-15	12/02/11	74.23	23.86	23.92	0.06	50.36
GMW-O-15	12/21/11	74.23	---	31.13	---	43.10
GMW-O-15	01/09/12	74.23	---	27.67	---	46.56
GMW-O-15	02/23/12	74.23	---	31.82	---	42.41
GMW-O-15	03/28/12	74.23	---	30.30	---	43.93
GMW-O-15	04/16/12	74.23	26.51	26.56	0.05	47.71
GMW-O-15	05/25/12	74.23	---	26.64	---	47.59
GMW-O-15	06/15/12	74.23	---	26.93	---	47.30
GMW-O-15	07/09/12	74.23	---	25.47	---	48.76
GMW-O-15	08/29/12	74.23	---	NM	---	NC
GMW-O-15	09/26/12	74.23	---	30.64	---	43.59
GMW-O-15	10/15/12	74.23	---	31.82	---	42.41
GMW-O-15	11/29/12	74.23	---	NM	---	NC
GMW-O-15	12/26/12	74.23	---	27.41	---	46.82
GMW-O-15	01/14/13	74.23	---	27.62	---	46.61
GMW-O-15	02/20/13	74.23	---	NM	---	NC
GMW-O-15	04/10/13	74.23	---	NM	---	NC
GMW-O-15	04/26/13	74.23	---	27.90	---	46.33
GMW-O-15	10/07/13	74.23	28.26	29.03	0.77	45.82
GMW-O-15	04/18/14	74.23	28.08	28.40	0.32	46.09
GMW-O-15	08/14/14	74.23	28.26	32.59	4.33	45.10
GMW-O-15	08/19/14	74.23	28.23	32.34	4.11	45.18
GMW-O-15	08/29/14	74.23	28.25	31.84	3.59	45.26
GMW-O-15	09/05/14	74.23	28.29	31.91	3.62	45.22
GMW-O-15	09/11/14	74.23	28.79	32.16	3.37	44.77
GMW-O-15	09/18/14	74.23	28.23	32.50	4.27	45.15
GMW-O-15	09/26/14	74.23	28.27	32.20	3.93	45.17
GMW-O-15	10/01/14	74.23	28.28	31.93	3.65	45.22
GMW-O-15	10/06/14	74.23	28.27	31.91	3.64	45.23
GMW-O-15	10/14/14	74.23	28.29	31.85	3.56	45.23
GMW-O-15	10/23/14	74.23	28.30	32.10	3.80	45.17

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-15	10/27/14	74.23	28.30	31.89	3.59	45.21
GMW-O-15	11/18/14	74.23	28.39	31.86	3.47	45.15
GMW-O-15	11/25/14	74.23	28.35	32.36	4.01	45.08
GMW-O-15	12/03/14	74.23	28.36	31.73	3.37	45.20
GMW-O-15	12/12/14	74.23	28.54	32.61	4.07	44.88
GMW-O-15	12/19/14	74.23	28.37	32.62	4.25	45.01
GMW-O-15	04/20/15	74.23	28.82	31.93	3.11	44.79
GMW-O-15	10/19/15	74.23	28.89	31.91	3.02	44.74
GMW-O-15	04/12/16	74.23	---	29.78	---	44.45
GMW-O-15	10/03/16	74.23	30.92	31.00	0.08	NC
GMW-O-15	10/04/16	74.23	30.92	31.00	0.08	43.29
GMW-O-15	04/20/17	74.86	29.52	29.65	0.13	45.31
GMW-O-15	10/02/17	74.23	30.33	31.92	1.59	NC
GMW-O-15	04/16/18	74.86	31.67	31.79	0.12	43.17
GMW-O-15	11/05/18	74.86	---	32.38	---	42.48
GMW-O-15	04/23/19	74.86	29.84	29.84	0.00	45.02
GMW-O-15	10/31/19	74.86	---	29.28	---	45.58
GMW-O-15	05/04/20	74.86	---	31.13	---	43.73
GMW-O-15	11/02/20	74.86	---	26.89	---	47.97
GMW-O-15	05/03/21	74.86	---	28.62	---	46.24
GMW-O-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-16	03/15/10	74.10	---	26.30	---	47.80
GMW-O-16	04/16/10	74.10	---	25.20	---	48.90
GMW-O-16	05/24/10	74.10	---	25.14	---	48.96
GMW-O-16	05/28/10	74.10	---	25.13	---	48.97
GMW-O-16	06/22/10	74.10	---	25.55	---	48.55
GMW-O-16	07/12/10	74.10	---	26.28	---	47.82
GMW-O-16	08/12/10	74.10	---	26.43	---	47.67
GMW-O-16	09/20/10	74.10	---	26.95	---	47.15
GMW-O-16	10/04/10	74.10	---	26.10	---	48.00
GMW-O-16	11/16/10	74.10	---	26.58	---	47.52
GMW-O-16	12/22/10	74.10	---	27.00	---	47.10
GMW-O-16	01/10/11	74.10	---	26.42	---	47.68
GMW-O-16	02/24/11	74.10	---	26.02	---	48.08
GMW-O-16	03/23/11	74.10	---	25.99	---	48.11
GMW-O-16	04/11/11	74.10	---	24.66	---	49.44
GMW-O-16	05/13/11	74.10	---	25.76	---	48.34
GMW-O-16	06/22/11	74.10	---	25.89	---	48.21
GMW-O-16	07/11/11	74.10	---	26.00	---	48.10
GMW-O-16	08/19/11	74.10	---	25.63	---	48.47
GMW-O-16	09/22/11	74.10	---	26.32	---	47.78
GMW-O-16	10/10/11	74.10	---	25.53	---	48.57
GMW-O-16	11/28/11	74.10	---	26.42	---	47.68
GMW-O-16	12/21/11	74.10	---	27.05	---	47.05
GMW-O-16	01/09/12	74.10	---	26.98	---	47.12
GMW-O-16	02/23/12	74.10	---	27.56	---	46.54
GMW-O-16	03/28/12	74.10	---	27.50	---	46.60
GMW-O-16	04/16/12	74.10	---	26.62	---	47.48
GMW-O-16	05/25/12	74.10	---	26.81	---	47.29
GMW-O-16	06/15/12	74.10	---	27.27	---	46.83
GMW-O-16	07/09/12	74.10	---	27.12	---	46.98
GMW-O-16	08/29/12	74.10	---	28.10	---	46.00
GMW-O-16	09/26/12	74.10	---	28.46	---	45.64
GMW-O-16	10/15/12	74.10	---	27.38	---	46.72
GMW-O-16	11/29/12	74.10	---	28.61	---	45.49
GMW-O-16	12/26/12	74.10	---	28.52	---	45.58
GMW-O-16	01/14/13	74.10	---	28.72	---	45.38
GMW-O-16	02/20/13	74.10	---	28.56	---	45.54
GMW-O-16	04/08/13	74.10	---	28.61	---	45.49
GMW-O-16	10/07/13	74.10	---	28.48	---	45.62
GMW-O-16	04/14/14	74.10	---	28.85	---	45.25
GMW-O-16	10/27/14	74.10	---	29.30	---	44.80
GMW-O-16	04/20/15	74.10	---	29.69	---	44.41
GMW-O-16	10/19/15	74.10	---	30.41	---	43.69
GMW-O-16	04/11/16	74.10	---	31.30	---	42.80
GMW-O-16	10/03/16	74.10	---	32.00	---	42.10
GMW-O-16	10/03/16	74.10	---	32.00	---	42.10
GMW-O-16	04/17/17	74.10	---	30.49	---	43.61
GMW-O-16	10/02/17	74.10	---	31.47	---	42.63
GMW-O-16	04/16/18	74.10	---	32.40	---	41.70
GMW-O-16	11/05/18	74.10	---	33.24	---	40.86

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-16	04/16/19	74.10	---	29.89	---	44.21
GMW-O-16	10/28/19	74.10	---	32.10	---	42.00
GMW-O-16	05/04/20	74.10	---	30.97	---	43.13
GMW-O-16	11/02/20	74.10	---	33.99	---	40.11
GMW-O-16	05/03/21	74.10	---	29.49	---	44.61
GMW-O-17	11/20/96	73.78	---	25.55	---	48.23
GMW-O-17	07/01/97	73.78	---	23.84	---	49.94
GMW-O-17	12/31/97	73.78	---	25.31	---	48.47
GMW-O-17	05/01/98	73.78	---	20.49	---	53.29
GMW-O-17	05/03/99	73.78	---	23.12	---	50.66
GMW-O-17	08/09/99	73.78	---	23.50	---	50.28
GMW-O-17	11/15/99	73.78	---	24.11	---	49.67
GMW-O-17	05/15/00	73.78	---	23.70	---	50.08
GMW-O-17	11/13/00	73.78	---	24.62	---	49.16
GMW-O-17	05/07/01	73.78	---	22.39	---	51.39
GMW-O-17	11/05/01	73.78	---	23.13	---	50.65
GMW-O-17	04/08/02	73.78	---	23.69	---	50.09
GMW-O-17	10/21/02	73.78	---	24.90	---	48.88
GMW-O-17	04/07/03	73.78	---	24.05	---	49.73
GMW-O-17	10/06/03	73.78	---	23.19	---	50.59
GMW-O-17	01/11/04	73.78	---	25.39	---	48.39
GMW-O-17	04/19/04	73.78	---	24.46	---	49.32
GMW-O-17	05/02/05	73.78	---	19.51	---	54.27
GMW-O-17	10/31/05	73.78	---	20.03	---	53.75
GMW-O-17	05/01/06	73.78	---	20.75	---	53.03
GMW-O-17	12/04/06	73.78	---	22.68	---	51.10
GMW-O-17	04/30/07	73.78	---	23.19	---	50.59
GMW-O-17	11/12/07	73.78	---	23.90	---	49.88
GMW-O-17	04/14/08	73.78	---	23.55	---	50.23
GMW-O-17	08/11/08	73.78	---	24.14	---	49.64
GMW-O-17	10/13/08	73.78	---	24.60	---	49.18
GMW-O-17	04/20/09	73.78	---	24.48	---	49.30
GMW-O-17	05/24/10	73.78	---	24.78	---	49.00
GMW-O-17	05/28/10	73.78	---	28.75	---	45.03
GMW-O-17	10/04/10	73.78	---	25.60	---	48.18
GMW-O-17	01/10/11	73.78	---	25.64	---	48.14
GMW-O-17	04/11/11	73.78	---	24.11	---	49.67
GMW-O-17	07/11/11	73.78	---	NM	---	NC
GMW-O-17	10/10/11	73.78	---	24.71	---	49.07
GMW-O-17	01/09/12	73.78	---	25.32	---	48.46
GMW-O-17	04/16/12	73.78	---	26.10	---	47.68
GMW-O-17	07/09/12	73.78	---	26.42	---	47.36
GMW-O-17	10/15/12	73.78	---	26.62	---	47.16
GMW-O-17	01/14/13	73.78	---	27.48	---	46.30
GMW-O-17	04/08/13	73.78	---	27.48	---	46.30
GMW-O-17	10/07/13	73.78	---	28.21	---	45.57
GMW-O-17	04/14/14	73.78	---	28.25	---	45.53
GMW-O-17	10/27/14	73.78	---	28.84	---	44.94
GMW-O-17	04/20/15	73.78	---	28.96	---	44.82
GMW-O-17	10/19/15	73.78	---	29.95	---	43.83

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-17	04/11/16	73.78	---	30.55	---	43.23
GMW-O-17	10/03/16	73.78	---	31.10	---	42.68
GMW-O-17	10/03/16	73.78	---	31.10	---	42.68
GMW-O-17	04/17/17	73.78	---	30.20	---	43.58
GMW-O-17	10/02/17	73.78	---	30.70	---	43.08
GMW-O-17	04/16/18	73.78	---	31.88	---	41.90
GMW-O-17	11/05/18	73.78	---	32.46	---	41.32
GMW-O-17	04/16/19	73.78	---	30.83	---	42.95
GMW-O-17	10/28/19	73.78	---	31.35	---	42.43
GMW-O-17	05/04/20	73.78	---	31.22	---	42.56
GMW-O-17	11/02/20	73.78	---	29.42	---	44.36
GMW-O-17	05/03/21	73.78	---	31.79	---	41.99
GMW-O-18	11/20/96	74.36	---	26.70	---	47.66
GMW-O-18	12/31/97	74.36	---	26.48	---	47.88
GMW-O-18	05/01/98	74.36	---	29.04	---	45.32
GMW-O-18	05/04/99	74.36	---	24.02	---	50.34
GMW-O-18	08/09/99	74.36	---	24.91	---	49.45
GMW-O-18	11/15/99	74.36	---	25.56	---	48.80
GMW-O-18	05/15/00	74.36	---	29.17	---	45.19
GMW-O-18	11/13/00	74.36	---	NM	---	NC
GMW-O-18	05/07/01	74.36	---	24.10	---	50.26
GMW-O-18	09/18/01	74.36	---	NM	---	NC
GMW-O-18	11/05/01	74.36	---	NM	---	NC
GMW-O-18	01/29/02	74.36	---	NM	---	NC
GMW-O-18	04/08/02	74.36	24.81	24.81	0.00	49.55
GMW-O-18	04/07/03	74.36	---	NM	---	NC
GMW-O-18	05/02/05	74.36	---	20.13	---	54.23
GMW-O-18	10/31/05	74.36	---	21.79	---	52.57
GMW-O-18	05/01/06	74.36	---	22.60	---	51.76
GMW-O-18	12/04/06	74.36	---	23.61	---	50.75
GMW-O-18	04/30/07	74.36	---	24.21	---	50.15
GMW-O-18	11/12/07	74.36	---	22.46	---	51.90
GMW-O-18	04/14/08	74.36	---	24.50	---	49.86
GMW-O-18	10/13/08	74.36	---	25.46	---	48.90
GMW-O-18	04/20/09	74.36	---	25.59	---	48.77
GMW-O-18	10/19/09	74.36	---	26.31	---	48.05
GMW-O-18	03/15/10	74.36	---	26.54	---	47.82
GMW-O-18	04/16/10	74.36	---	24.25	---	50.11
GMW-O-18	05/24/10	74.36	---	26.26	---	48.10
GMW-O-18	05/28/10	74.36	---	26.03	---	48.33
GMW-O-18	06/22/10	74.36	---	26.41	---	47.95
GMW-O-18	07/12/10	74.36	---	NM	---	NC
GMW-O-18	08/12/10	74.36	---	NM	---	NC
GMW-O-18	09/20/10	74.36	---	NM	---	NC
GMW-O-18	10/04/10	74.36	---	29.95	---	44.41
GMW-O-18	11/16/10	74.36	---	NM	---	NC
GMW-O-18	12/22/10	74.36	---	NM	---	NC
GMW-O-18	01/10/11	74.36	---	NM	---	NC
GMW-O-18	02/24/11	74.36	---	NM	---	NC
GMW-O-18	03/23/11	74.36	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-18	04/12/11	74.36	---	NM	---	NC
GMW-O-18	05/13/11	74.36	---	NM	---	NC
GMW-O-18	06/22/11	74.36	---	NM	---	NC
GMW-O-18	07/11/11	74.36	---	NM	---	NC
GMW-O-18	08/19/11	74.36	---	NM	---	NC
GMW-O-18	09/22/11	74.36	---	NM	---	NC
GMW-O-18	10/10/11	74.36	---	23.68	---	50.68
GMW-O-18	11/28/11	74.36	---	NM	---	NC
GMW-O-18	12/02/11	74.36	---	24.22	---	50.14
GMW-O-18	12/21/11	74.36	---	27.14	---	47.22
GMW-O-18	02/23/12	74.36	---	31.18	---	43.18
GMW-O-18	03/28/12	74.36	---	NM	---	NC
GMW-O-18	04/16/12	74.36	---	27.10	---	47.26
GMW-O-18	05/25/12	74.36	---	27.31	---	47.05
GMW-O-18	06/15/12	74.36	---	35.13	---	39.23
GMW-O-18	07/09/12	74.36	---	29.51	---	44.85
GMW-O-18	08/29/12	74.36	---	NM	---	NC
GMW-O-18	09/26/12	74.36	---	30.83	---	43.53
GMW-O-18	10/15/12	74.36	---	29.73	---	44.63
GMW-O-18	11/29/12	74.36	---	NM	---	NC
GMW-O-18	12/26/12	74.36	---	28.87	---	45.49
GMW-O-18	01/14/13	74.36	---	28.92	---	45.44
GMW-O-18	02/20/13	74.36	---	NM	---	NC
GMW-O-18	04/10/13	74.36	---	28.10	---	46.26
GMW-O-18	10/07/13	74.36	---	26.67	---	47.69
GMW-O-18	04/18/14	74.36	29.37	29.43	0.06	44.98
GMW-O-18	08/14/14	74.36	29.45	29.87	0.42	44.83
GMW-O-18	08/19/14	74.36	29.58	29.97	0.39	44.70
GMW-O-18	08/29/14	74.36	29.34	29.77	0.43	44.93
GMW-O-18	09/11/14	74.36	29.61	29.96	0.35	44.68
GMW-O-18	09/18/14	74.36	29.56	29.95	0.39	44.72
GMW-O-18	09/26/14	74.36	29.55	29.97	0.42	44.73
GMW-O-18	10/01/14	74.36	29.52	29.90	0.38	44.76
GMW-O-18	10/06/14	74.36	29.56	29.94	0.38	44.72
GMW-O-18	10/14/14	74.36	29.58	29.94	0.36	44.71
GMW-O-18	10/23/14	74.36	29.62	30.00	0.38	44.66
GMW-O-18	10/27/14	74.36	29.52	29.95	0.43	44.75
GMW-O-18	04/20/15	74.36	---	28.53	---	45.83
GMW-O-18	10/19/15	74.36	---	30.90	---	43.46
GMW-O-18	04/12/16	74.36	---	31.63	---	42.73
GMW-O-18	12/13/16	74.36	31.01	35.95	4.94	NC
GMW-O-18	04/17/17	74.32	31.80	31.83	0.03	42.52
GMW-O-18	10/02/17	74.36	31.30	31.32	0.02	NC
GMW-O-18	11/05/18	74.32	32.90	33.03	0.13	41.29
GMW-O-18	04/16/19	74.32	---	30.89	---	43.43
GMW-O-18	10/28/19	74.32	---	32.05	---	42.27
GMW-O-18	05/04/20	74.32	---	31.68	---	42.64
GMW-O-18	11/02/20	74.32	---	27.25	---	47.07
GMW-O-18	05/03/21	74.32	---	29.77	---	44.55
GMW-O-19	11/20/96	74.46	---	26.28	---	48.18

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-19	07/01/97	74.46	---	24.70	---	49.76
GMW-O-19	12/31/97	74.46	---	25.92	---	48.54
GMW-O-19	08/09/99	74.46	---	24.09	---	50.37
GMW-O-19	11/15/99	74.46	---	24.82	---	49.64
GMW-O-19	05/15/00	74.46	---	24.43	---	50.03
GMW-O-19	11/13/00	74.46	---	DRY	---	NC
GMW-O-19	05/07/01	74.46	---	NM	---	NC
GMW-O-19	09/18/01	74.46	---	23.07	---	51.39
GMW-O-19	11/05/01	74.46	---	23.15	---	51.31
GMW-O-19	01/29/02	74.46	---	23.25	---	51.21
GMW-O-19	04/08/02	74.46	---	23.16	---	51.30
GMW-O-19	10/21/02	74.46	---	23.34	---	51.12
GMW-O-19	04/07/03	74.46	---	23.50	---	50.96
GMW-O-19	07/30/03	74.46	---	24.29	---	50.17
GMW-O-19	10/06/03	74.46	---	24.54	---	49.92
GMW-O-19	01/11/04	74.46	---	26.02	---	48.44
GMW-O-19	04/19/04	74.46	---	25.04	---	49.42
GMW-O-19	07/20/04	74.46	---	25.35	---	49.11
GMW-O-19	05/02/05	74.46	---	20.05	---	54.41
GMW-O-19	08/01/05	74.46	---	20.82	---	53.64
GMW-O-19	10/31/05	74.46	---	21.36	---	53.10
GMW-O-19	02/27/06	74.46	---	22.06	---	52.40
GMW-O-19	05/01/06	74.46	---	22.35	---	52.11
GMW-O-19	12/04/06	74.46	---	23.32	---	51.14
GMW-O-19	04/30/07	74.46	---	23.98	---	50.48
GMW-O-19	11/12/07	74.46	---	24.57	---	49.89
GMW-O-19	04/14/08	74.46	---	24.24	---	50.22
GMW-O-19	10/13/08	74.46	---	25.36	---	49.10
GMW-O-19	04/20/09	74.46	---	25.22	---	49.24
GMW-O-19	10/19/09	74.46	---	26.26	---	48.20
GMW-O-19	03/15/10	74.46	---	26.16	---	48.30
GMW-O-19	04/16/10	74.46	---	25.30	---	49.16
GMW-O-19	05/24/10	74.46	---	25.53	---	48.93
GMW-O-19	05/28/10	74.46	---	25.47	---	48.99
GMW-O-19	06/22/10	74.46	---	25.64	---	48.82
GMW-O-19	07/12/10	74.46	---	26.04	---	48.42
GMW-O-19	08/12/10	74.46	---	26.23	---	48.23
GMW-O-19	09/20/10	74.46	---	26.52	---	47.94
GMW-O-19	10/04/10	74.46	---	26.31	---	48.15
GMW-O-19	11/16/10	74.46	---	26.67	---	47.79
GMW-O-19	12/22/10	74.46	---	26.70	---	47.76
GMW-O-19	01/10/11	74.46	---	26.37	---	48.09
GMW-O-19	02/24/11	74.46	---	25.55	---	48.91
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-19	10/10/11	74.46	---	25.40	---	49.06
GMW-O-19	11/28/11	74.46	---	25.96	---	48.50
GMW-O-19	12/21/11	74.46	---	26.43	---	48.03
GMW-O-19	01/09/12	74.46	---	26.56	---	47.90
GMW-O-19	02/23/12	74.46	---	27.08	---	47.38
GMW-O-19	03/28/12	74.46	---	27.14	---	47.32
GMW-O-19	04/16/12	74.46	---	26.88	---	47.58
GMW-O-19	05/25/12	74.46	---	27.01	---	47.45
GMW-O-19	06/15/12	74.46	---	27.23	---	47.23
GMW-O-19	07/09/12	74.46	---	27.27	---	47.19
GMW-O-19	08/29/12	74.46	---	27.58	---	46.88
GMW-O-19	09/26/12	74.46	---	27.90	---	46.56
GMW-O-19	10/15/12	74.46	---	27.46	---	47.00
GMW-O-19	11/29/12	74.46	---	28.16	---	46.30
GMW-O-19	12/26/12	74.46	---	28.03	---	46.43
GMW-O-19	01/14/13	74.46	---	28.02	---	46.44
GMW-O-19	02/20/13	74.46	---	28.28	---	46.18
GMW-O-19	04/08/13	74.46	---	28.36	---	46.10
GMW-O-19	10/07/13	74.46	---	28.68	---	45.78
GMW-O-19	04/14/14	74.46	---	28.82	---	45.64
GMW-O-19	10/27/14	74.46	---	29.34	---	45.12
GMW-O-19	04/20/15	74.46	---	28.41	---	46.05
GMW-O-19	10/19/15	74.46	---	30.63	---	43.83
GMW-O-19	04/11/16	74.46	---	31.70	---	42.76
GMW-O-19	10/03/16	74.46	---	32.20	---	42.26
GMW-O-19	10/03/16	74.46	---	32.20	---	42.26
GMW-O-19	04/17/17	74.46	---	30.94	---	43.52
GMW-O-19	10/02/17	74.46	---	31.20	---	43.26
GMW-O-19	04/16/18	74.46	---	32.72	---	41.74
GMW-O-19	11/05/18	74.46	---	33.37	---	41.09
GMW-O-19	04/16/19	74.46	---	31.22	---	43.24
GMW-O-19	10/28/19	74.46	---	32.19	---	42.27
GMW-O-19	05/04/20	74.46	---	30.94	---	43.52
GMW-O-19	11/02/20	74.46	---	31.89	---	42.57
GMW-O-19	05/03/21	74.46	---	29.50	---	44.96
GMW-O-20	05/07/01	73.34	---	22.15	---	51.19
GMW-O-20	04/07/03	73.34	---	NM	---	NC
GMW-O-20	08/15/08	73.32	---	25.90	---	47.42
GMW-O-20	10/17/08	73.32	---	25.82	---	47.50
GMW-O-20	12/19/08	73.32	---	27.15	---	46.17
GMW-O-20	01/15/09	73.32	26.09	26.53	0.44	47.15
GMW-O-20	02/24/09	73.32	---	27.85	---	45.47
GMW-O-20	03/20/09	73.32	---	28.81	---	44.51
GMW-O-20	03/27/09	73.32	---	27.84	---	45.48
GMW-O-20	04/21/09	73.32	---	28.70	---	44.62
GMW-O-20	07/21/09	73.32	---	24.10	---	49.22
GMW-O-20	10/19/09	73.32	---	NM	---	NC
GMW-O-20	11/09/09	73.32	25.40	25.60	0.20	47.88
GMW-O-20	06/22/10	73.32	24.66	24.76	0.10	48.64
GMW-O-20	10/04/10	73.32	31.10	31.20	0.10	42.20

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-20	01/10/11	73.32	26.48	26.62	0.14	46.81
GMW-O-20	04/11/11	73.32	---	23.82	---	49.50
GMW-O-20	07/11/11	73.32	---	NM	---	NC
GMW-O-20	10/10/11	73.32	---	24.05	---	49.27
GMW-O-20	01/09/12	73.32	---	24.68	---	48.64
GMW-O-20	04/16/12	73.32	---	26.18	---	47.14
GMW-O-20	07/09/12	73.32	---	32.92	---	40.40
GMW-O-20	10/15/12	73.32	32.95	32.97	0.02	40.37
GMW-O-20	01/14/13	73.32	32.93	32.98	0.05	40.38
GMW-O-20	04/08/13	73.32	26.46	29.63	3.17	46.27
GMW-O-20	09/24/13	73.32	27.20	31.10	3.90	45.40
GMW-O-20	10/07/13	73.32	27.06	32.09	5.03	45.33
GMW-O-20	04/25/14	73.32	28.40	28.48	0.08	44.91
GMW-O-20	09/18/14	73.32	27.72	30.71	2.99	45.05
GMW-O-20	09/26/14	73.32	27.75	30.87	3.12	44.99
GMW-O-20	10/01/14	73.32	27.65	30.52	2.87	45.14
GMW-O-20	10/06/14	73.32	27.66	30.50	2.84	45.13
GMW-O-20	10/14/14	73.32	27.62	30.63	3.01	45.14
GMW-O-20	10/23/14	73.32	27.70	30.80	3.10	45.05
GMW-O-20	10/27/14	73.32	27.76	30.70	2.94	45.02
GMW-O-20	11/03/14	73.32	27.62	30.81	3.19	45.11
GMW-O-20	11/10/14	73.32	27.75	30.94	3.19	44.98
GMW-O-20	11/18/14	73.32	27.65	30.91	3.26	45.07
GMW-O-20	11/25/14	73.32	27.65	30.95	3.30	45.06
GMW-O-20	12/03/14	73.32	27.83	32.56	4.73	44.61
GMW-O-20	12/19/14	73.32	27.93	31.72	3.79	44.69
GMW-O-20	04/22/15	73.32	27.98	32.25	4.27	44.55
GMW-O-20	10/22/15	73.32	29.38	31.36	1.98	43.57
GMW-O-20	03/16/16	73.32	---	32.54	---	40.78
GMW-O-20	04/12/16	73.32	---	32.48	---	40.84
GMW-O-20	06/29/16	73.32	---	32.50	---	40.82
GMW-O-20	08/22/16	73.32	---	32.18	---	41.14
GMW-O-20	10/03/16	73.32	---	33.12	---	40.20
GMW-O-20	10/03/16	73.32	---	33.12	---	40.20
GMW-O-20	04/20/17	73.32	---	29.70	---	43.62
GMW-O-20	10/02/17	73.32	---	33.03	---	40.29
GMW-O-20	04/16/18	73.32	---	32.67	---	40.65
GMW-O-20	11/05/18	73.32	---	32.92	---	40.40
GMW-O-20	04/23/19	73.32	---	30.55	---	42.77
GMW-O-20	11/01/19	73.32	---	32.53	---	NC
GMW-O-20	05/04/20	73.32	---	30.70	---	42.62
GMW-O-20	08/20/20	73.32	---	31.58	---	41.74
GMW-O-20	11/02/20	73.32	---	30.97	---	42.35
GMW-O-20	02/24/21	73.32	---	31.99	---	41.33
GMW-O-20	05/03/21	73.32	---	32.67	---	40.65
GMW-O-21	11/15/99	73.49	---	NM	---	NC
GMW-O-21	11/19/99	73.49	---	NM	---	NC
GMW-O-21	04/07/03	73.49	---	NM	---	NC
GMW-O-21	10/06/03	73.49	---	22.60	---	50.89
GMW-O-21	12/28/07	71.43	---	27.67	---	43.76

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-21	08/15/08	73.94	---	NM	---	NC
GMW-O-21	10/17/08	71.43	---	26.00	---	45.43
GMW-O-21	12/19/08	71.43	---	24.82	---	46.61
GMW-O-21	03/27/09	71.43	---	26.41	---	45.02
GMW-O-21	07/21/09	71.43	---	24.88	---	46.55
GMW-O-21	10/19/09	71.43	---	NM	---	NC
GMW-O-21	11/09/09	71.43	---	25.02	---	46.41
GMW-O-21	10/04/10	71.43	---	25.40	---	46.03
GMW-O-21	04/13/11	71.43	---	23.72	---	47.71
GMW-O-21	10/10/11	71.43	---	24.65	---	46.78
GMW-O-21	04/16/12	71.43	---	NM	---	NC
GMW-O-21	07/09/12	71.43	---	NM	---	NC
GMW-O-21	10/15/12	71.43	---	32.50	---	38.93
GMW-O-21	04/08/13	71.43	---	NM	---	NC
GMW-O-21	09/25/13	71.43	---	29.25	---	42.18
GMW-O-21	10/07/13	71.43	---	NM	---	NC
GMW-O-21	04/14/14	71.43	28.61	28.65	0.04	42.81
GMW-O-21	09/05/14	71.43	28.78	29.61	0.83	42.48
GMW-O-21	09/26/14	71.43	28.77	29.85	1.08	42.44
GMW-O-21	10/01/14	71.43	28.64	29.79	1.15	42.56
GMW-O-21	10/06/14	71.43	28.72	29.40	0.68	42.57
GMW-O-21	10/27/14	71.43	28.93	29.75	0.82	42.34
GMW-O-21	11/10/14	71.43	28.95	29.98	1.03	42.27
GMW-O-21	11/18/14	71.43	28.92	30.05	1.13	42.28
GMW-O-21	11/25/14	71.43	28.85	29.73	0.88	42.40
GMW-O-21	12/12/14	71.43	29.02	30.61	1.59	42.09
GMW-O-21	12/19/14	71.43	29.04	30.62	1.58	42.07
GMW-O-21	04/20/15	71.43	28.99	30.15	1.16	42.21
GMW-O-21	06/10/15	71.43	30.70	31.00	0.30	40.67
GMW-O-21	07/02/15	71.43	29.88	32.30	2.42	41.07
GMW-O-21	07/07/15	71.43	30.06	30.65	0.59	41.25
GMW-O-21	07/17/15	71.43	30.10	30.40	0.30	41.27
GMW-O-21	07/29/15	71.43	30.10	30.40	0.30	41.27
GMW-O-21	08/11/15	71.43	30.70	31.00	0.30	40.67
GMW-O-21	10/19/15	71.43	31.20	31.43	0.23	40.18
GMW-O-21	03/14/16	71.43	33.17	33.20	0.03	38.25
GMW-O-21	04/11/16	71.43	31.84	32.17	0.33	39.52
GMW-O-21	06/29/16	71.43	32.83	33.03	0.20	38.56
GMW-O-21	08/22/16	71.43	---	33.72	---	37.71
GMW-O-21	10/03/16	71.43	---	33.45	---	37.98
GMW-O-21	10/03/16	71.43	---	33.45	---	37.98
GMW-O-21	04/17/17	71.43	---	30.48	---	40.95
GMW-O-21	10/02/17	71.43	---	33.45	---	37.98
GMW-O-21	04/16/18	71.43	---	33.13	---	38.30
GMW-O-21	11/05/18	71.43	---	33.68	---	37.75
GMW-O-21	04/16/19	71.43	---	32.34	---	39.09
GMW-O-21	11/01/19	71.43	---	33.00	---	38.43
GMW-O-21	05/04/20	71.43	---	31.24	---	40.19
GMW-O-21	08/20/20	71.43	---	31.93	---	39.50
GMW-O-21	11/02/20	71.43	---	30.30	---	41.13

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-21	02/24/21	71.43	---	32.57	---	38.86
GMW-O-21	05/03/21	71.43	---	32.17	---	39.26
GMW-O-23	08/14/07	73.63	---	23.33	---	50.30
GMW-O-23	08/21/07	73.63	---	23.31	---	50.32
GMW-O-23	08/28/07	73.63	---	23.00	---	50.63
GMW-O-23	09/11/07	73.63	---	23.42	---	50.21
GMW-O-23	10/05/07	73.63	---	27.79	---	45.84
GMW-O-23	11/02/07	73.63	---	25.15	---	48.48
GMW-O-23	11/13/07	73.63	---	23.90	---	49.73
GMW-O-23	12/28/07	73.63	---	24.91	---	48.72
GMW-O-23	08/15/08	73.63	---	26.28	---	47.35
GMW-O-23	10/17/08	73.63	---	27.16	---	46.47
GMW-O-23	12/19/08	73.63	---	27.60	---	46.03
GMW-O-23	01/15/09	73.63	---	27.54	---	46.09
GMW-O-23	02/24/09	73.63	---	26.19	---	47.44
GMW-O-23	03/27/09	73.63	---	23.74	---	49.89
GMW-O-23	04/21/09	73.63	---	27.30	---	46.33
GMW-O-23	10/19/09	73.63	---	NM	---	NC
GMW-O-23	11/09/09	73.63	---	27.50	---	46.13
GMW-O-23	06/22/10	73.63	---	32.10	---	41.53
GMW-O-23	10/04/10	73.63	---	25.92	---	47.71
GMW-O-23	01/10/11	73.63	---	27.45	---	46.18
GMW-O-23	04/11/11	73.63	---	25.03	---	48.60
GMW-O-23	07/11/11	73.63	---	NM	---	NC
GMW-O-23	10/10/11	73.63	---	25.25	---	48.38
GMW-O-23	01/09/12	73.63	---	25.91	---	47.72
GMW-O-23	04/16/12	73.63	---	27.38	---	46.25
GMW-O-23	07/09/12	73.63	---	27.41	---	46.22
GMW-O-23	10/15/12	73.63	---	26.48	---	47.15
GMW-O-23	01/14/13	73.63	---	29.35	---	44.28
GMW-O-23	04/08/13	73.63	27.74	29.81	2.07	45.48
GMW-O-23	09/23/13	73.63	---	29.90	---	43.73
GMW-O-23	10/07/13	73.63	28.30	32.86	4.56	44.42
GMW-O-23	04/25/14	73.63	29.66	29.81	0.15	43.94
GMW-O-23	09/05/14	73.63	28.76	32.57	3.81	44.11
GMW-O-23	09/11/14	73.63	28.63	32.94	4.31	44.14
GMW-O-23	09/18/14	73.63	28.65	32.80	4.15	44.15
GMW-O-23	09/26/14	73.63	28.70	32.87	4.17	44.10
GMW-O-23	10/01/14	73.63	28.75	32.56	3.81	44.12
GMW-O-23	10/06/14	73.63	28.73	32.50	3.77	44.15
GMW-O-23	10/14/14	73.63	28.20	32.75	4.55	44.52
GMW-O-23	10/23/14	73.63	28.69	32.80	4.11	44.12
GMW-O-23	10/27/14	73.63	28.80	32.51	3.71	44.09
GMW-O-23	11/03/14	73.63	29.68	32.82	3.14	43.32
GMW-O-23	11/10/14	73.63	28.78	32.80	4.02	44.05
GMW-O-23	11/18/14	73.63	29.78	32.78	3.00	43.25
GMW-O-23	11/25/14	73.63	28.78	32.64	3.86	44.08
GMW-O-23	12/03/14	73.63	28.94	33.25	4.31	43.83
GMW-O-23	12/12/14	73.63	29.33	32.58	3.25	43.65
GMW-O-23	12/19/14	73.63	29.37	32.71	3.34	43.59

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-O-23	03/17/15	73.63	30.00	30.40	0.40	43.55
GMW-O-23	04/22/15	73.63	30.36	33.08	2.72	42.73
GMW-O-23	10/22/15	73.63	30.46	32.82	2.36	42.70
GMW-O-23	03/16/16	73.63	---	34.43	---	39.20
GMW-O-23	04/12/16	73.63	---	32.59	---	41.04
GMW-O-23	06/29/16	73.63	---	33.90	---	39.73
GMW-O-23	08/22/16	73.63	---	33.89	---	39.74
GMW-O-23	10/03/16	73.63	---	34.90	---	38.73
GMW-O-23	10/03/16	73.63	---	34.90	---	38.73
GMW-O-23	04/20/17	73.63	---	30.88	---	42.75
GMW-O-23	10/02/17	73.63	---	34.70	---	38.93
GMW-O-23	04/16/18	73.63	---	34.05	---	39.58
GMW-O-23	11/05/18	73.63	---	34.31	---	39.32
GMW-O-23	04/16/19	73.63	---	32.99	---	40.64
GMW-O-23	10/28/19	73.63	---	34.40	---	NC
GMW-O-23	05/04/20	73.63	---	31.92	---	41.71
GMW-O-23	08/20/20	73.63	---	32.05	---	41.58
GMW-O-23	11/02/20	73.63	---	32.24	---	41.39
GMW-O-23	02/24/21	73.63	---	33.19	---	40.44
GMW-O-23	05/03/21	73.63	---	32.91	---	40.72
GMW-O-24	10/15/12	74.39	---	27.90	---	46.49
GMW-O-24	04/08/13	74.39	---	28.53	---	45.86
GMW-O-24	10/23/13	74.39	---	29.40	---	44.99
GMW-O-24	04/14/14	74.39	---	29.33	---	45.06
GMW-O-24	10/27/14	74.39	---	29.82	---	44.57
GMW-O-24	04/20/15	74.39	---	30.23	---	44.16
GMW-O-24	06/30/15	74.39	---	31.06	---	43.33
GMW-O-24	10/19/15	74.39	---	30.95	---	43.44
GMW-O-24	04/11/16	74.39	---	31.84	---	42.55
GMW-O-24	10/03/16	74.39	---	32.39	---	42.00
GMW-O-24	10/03/16	74.39	---	32.39	---	42.00
GMW-O-24	04/17/17	74.39	---	28.60	---	45.79
GMW-O-24	10/02/17	74.39	---	31.90	---	42.49
GMW-O-24	04/16/18	74.39	---	32.50	---	41.89
GMW-O-24	11/05/18	74.39	---	NM	---	NC
GMW-O-24	04/16/19	74.39	---	31.59	---	42.80
GMW-O-24	10/28/19	74.39	---	DRY	---	NC
GMW-O-24	05/04/20	74.39	---	32.07	---	42.32
GMW-O-24	11/02/20	74.39	---	NM	---	NC
GMW-O-24	02/24/21	74.39	---	34.68	---	39.71
GMW-O-24	05/03/21	74.39	---	33.00	---	41.39
GMW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-SF-7	02/01/02	75.26	---	25.52	---	49.74
GMW-SF-7	04/08/02	75.26	---	26.60	---	48.66
GMW-SF-7	10/21/02	75.26	---	27.02	---	48.24
GMW-SF-7	01/27/03	75.26	---	26.64	---	48.62
GMW-SF-7	04/07/03	75.26	---	25.70	---	49.56
GMW-SF-7	07/31/03	75.26	---	25.72	---	49.54
GMW-SF-7	10/06/03	75.26	---	26.57	---	48.69
GMW-SF-7	01/11/04	75.26	---	27.54	---	47.72
GMW-SF-7	01/27/04	75.26	---	26.65	---	48.61
GMW-SF-7	04/19/04	75.26	---	26.64	---	48.62
GMW-SF-7	07/19/04	75.26	---	26.89	---	48.37
GMW-SF-7	02/01/05	75.26	---	25.15	---	50.11
GMW-SF-7	05/02/05	75.26	---	20.52	---	54.74
GMW-SF-7	08/01/05	75.26	---	22.03	---	53.23
GMW-SF-7	10/31/05	75.26	---	22.99	---	52.27
GMW-SF-7	02/27/06	75.26	---	23.65	---	51.61
GMW-SF-7	05/01/06	75.26	---	23.68	---	51.58
GMW-SF-7	09/18/06	75.26	---	24.41	---	50.85
GMW-SF-7	12/04/06	75.26	---	24.72	---	50.54
GMW-SF-7	03/12/07	75.26	---	25.18	---	50.08
GMW-SF-7	04/30/07	75.26	---	25.17	---	50.09
GMW-SF-7	08/28/07	75.26	---	25.02	---	50.24
GMW-SF-7	11/12/07	75.26	---	25.57	---	49.69
GMW-SF-7	04/14/08	75.26	---	25.40	---	49.86
GMW-SF-7	10/13/08	75.26	---	26.29	---	48.97
GMW-SF-7	04/20/09	75.26	---	26.26	---	49.00
GMW-SF-7	10/19/09	75.26	---	27.51	---	47.75
GMW-SF-7	05/24/10	75.26	---	27.07	---	48.19
GMW-SF-7	05/28/10	75.26	---	27.06	---	48.20
GMW-SF-7	10/04/10	75.26	---	27.47	---	47.79
GMW-SF-7	04/11/11	75.26	---	26.13	---	49.13
GMW-SF-7	10/10/11	75.26	---	26.93	---	48.33
GMW-SF-7	04/16/12	75.26	---	28.12	---	47.14
GMW-SF-7	07/09/12	75.26	---	NM	---	NC
GMW-SF-7	10/15/12	75.26	---	28.93	---	46.33
GMW-SF-7	04/08/13	75.26	---	29.91	---	45.35
GMW-SF-7	10/07/13	75.26	---	30.08	---	45.18
GMW-SF-7	04/14/14	75.26	---	30.51	---	44.75
GMW-SF-7	10/27/14	75.26	---	30.92	---	44.34
GMW-SF-7	04/20/15	75.26	---	31.30	---	43.96
GMW-SF-7	10/19/15	75.26	---	32.03	---	43.23
GMW-SF-7	04/11/16	75.26	---	33.12	---	42.14
GMW-SF-7	10/03/16	75.26	---	33.72	---	41.54
GMW-SF-7	10/03/16	75.26	---	33.72	---	41.54
GMW-SF-7	04/17/17	75.26	---	31.47	---	43.79
GMW-SF-7	10/02/17	75.26	---	33.17	---	42.09
GMW-SF-7	04/16/18	75.26	---	34.21	---	41.05
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-SF-7	05/04/20	75.26	---	32.89	---	42.37
GMW-SF-7	11/02/20	75.26	---	30.61	---	44.65
GMW-SF-7	05/03/21	75.26	---	33.56	---	41.70
GMW-SF-8	11/20/96	76.75	---	28.77	---	47.98
GMW-SF-8	07/01/97	76.75	---	27.35	---	49.40
GMW-SF-8	12/31/97	76.75	---	28.42	---	48.33
GMW-SF-8	05/03/99	76.75	---	26.61	---	50.14
GMW-SF-8	08/09/99	76.75	---	26.99	---	49.76
GMW-SF-8	11/15/99	76.75	---	27.55	---	49.20
GMW-SF-8	05/15/00	76.45	---	27.17	---	49.28
GMW-SF-8	11/13/00	76.45	---	27.97	---	48.48
GMW-SF-8	05/07/01	76.45	---	25.54	---	50.91
GMW-SF-8	11/05/01	76.75	---	26.55	---	50.20
GMW-SF-8	04/08/02	76.75	---	27.73	---	49.02
GMW-SF-8	10/21/02	76.75	---	28.07	---	48.68
GMW-SF-8	01/27/03	76.75	---	27.98	---	48.77
GMW-SF-8	04/07/03	76.75	---	27.63	---	49.12
GMW-SF-8	07/31/03	76.75	---	26.99	---	49.76
GMW-SF-8	10/06/03	76.75	---	27.30	---	49.45
GMW-SF-8	01/11/04	76.75	---	28.54	---	48.21
GMW-SF-8	01/27/04	76.75	---	27.87	---	48.88
GMW-SF-8	04/19/04	76.75	---	27.88	---	48.87
GMW-SF-8	07/19/04	76.75	---	28.05	---	48.70
GMW-SF-8	02/01/05	76.75	---	26.52	---	50.23
GMW-SF-8	05/02/05	76.75	---	21.91	---	54.84
GMW-SF-8	08/01/05	76.75	---	23.33	---	53.42
GMW-SF-8	10/31/05	76.75	---	24.41	---	52.34
GMW-SF-8	02/27/06	76.75	---	24.98	---	51.77
GMW-SF-8	05/01/06	76.75	---	24.98	---	51.77
GMW-SF-8	09/18/06	76.75	---	25.69	---	51.06
GMW-SF-8	12/04/06	76.75	---	26.03	---	50.72
GMW-SF-8	04/30/07	76.75	---	26.45	---	50.30
GMW-SF-8	11/12/07	76.75	---	26.87	---	49.88
GMW-SF-8	04/14/08	76.75	---	26.66	---	50.09
GMW-SF-8	10/13/08	76.75	---	27.75	---	49.00
GMW-SF-8	04/20/09	76.75	---	27.68	---	49.07
GMW-SF-8	10/19/09	76.75	---	29.01	---	47.74
GMW-SF-8	05/24/10	76.75	---	28.34	---	48.41
GMW-SF-8	05/28/10	76.75	---	28.30	---	48.45
GMW-SF-8	10/04/10	76.75	---	28.70	---	48.05
GMW-SF-8	01/10/11	76.75	---	28.85	---	47.90
GMW-SF-8	04/11/11	76.75	---	27.44	---	49.31
GMW-SF-8	07/11/11	76.75	---	NM	---	NC
GMW-SF-8	10/10/11	76.75	---	28.18	---	48.57
GMW-SF-8	01/09/12	76.75	---	28.92	---	47.83
GMW-SF-8	04/16/12	76.75	---	29.34	---	47.41
GMW-SF-8	07/09/12	76.75	---	30.09	---	46.66
GMW-SF-8	10/15/12	76.75	---	30.21	---	46.54
GMW-SF-8	01/14/13	76.75	---	30.92	---	45.83
GMW-SF-8	04/08/13	76.75	---	30.98	---	45.77

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GMW-SF-8	10/07/13	76.75	---	32.16	---	44.59
GMW-SF-8	04/14/14	76.75	---	31.63	---	45.12
GMW-SF-8	10/27/14	76.75	---	32.08	---	44.67
GMW-SF-8	04/20/15	76.75	---	32.59	---	44.16
GMW-SF-8	10/19/15	76.75	---	33.28	---	43.47
GMW-SF-8	04/11/16	76.75	---	34.50	---	42.25
GMW-SF-8	10/03/16	76.75	---	35.01	---	41.74
GMW-SF-8	10/03/16	76.75	---	35.01	---	41.74
GMW-SF-8	04/17/17	76.75	---	32.39	---	44.36
GMW-SF-8	10/02/17	76.75	---	34.54	---	42.21
GMW-SF-8	04/16/18	76.75	---	35.55	---	41.20
GMW-SF-8	11/05/18	76.75	---	36.05	---	40.70
GMW-SF-8	04/16/19	76.75	---	33.74	---	43.01
GMW-SF-8	10/28/19	76.75	---	35.20	---	41.55
GMW-SF-8	05/04/20	76.75	---	34.28	---	42.47
GMW-SF-8	11/02/20	76.75	---	32.18	---	44.57
GMW-SF-8	05/03/21	76.75	---	35.00	---	41.75
GMW-SF-9	04/21/09	73.00	---	24.19	---	48.81
GMW-SF-9	05/24/10	73.00	---	28.31	---	44.69
GMW-SF-9	05/28/10	73.00	---	28.37	---	44.63
GMW-SF-9	10/04/10	73.00	---	25.28	---	47.72
GMW-SF-9	04/11/11	73.00	---	23.90	---	49.10
GMW-SF-9	10/10/11	73.00	---	24.70	---	48.30
GMW-SF-9	04/16/12	73.00	---	26.99	---	46.01
GMW-SF-9	07/09/12	73.00	---	NM	---	NC
GMW-SF-9	10/15/12	73.05	---	34.21	---	38.84
GMW-SF-9	01/14/13	73.05	---	34.32	---	38.73
GMW-SF-9	04/10/13	73.05	---	27.37	---	45.68
GMW-SF-9	08/14/14	73.05	28.37	29.35	0.98	44.48
GMW-SF-9	08/19/14	73.05	28.44	28.46	0.02	44.61
GMW-SF-9	08/29/14	73.05	28.31	29.32	1.01	44.54
GMW-SF-9	09/05/14	73.05	28.29	29.33	1.04	44.55
GMW-SF-9	09/11/14	73.05	28.47	29.49	1.02	44.38
GMW-SF-9	09/18/14	73.05	28.91	28.95	0.04	44.13
GMW-SF-9	09/26/14	73.05	28.59	28.93	0.34	44.39
GMW-SF-9	04/20/15	73.05	---	29.01	---	44.04
GMW-SF-9	10/21/15	73.05	---	29.69	---	43.36
GMW-SF-10	04/21/09	75.77	---	27.10	---	48.67
GMW-SF-10	10/04/10	75.77	---	28.03	---	47.74
GMW-SF-10	04/11/11	75.77	---	26.80	---	48.97
GMW-SF-10	10/10/11	75.77	---	27.60	---	48.17
GMW-SF-10	04/16/12	75.77	---	28.81	---	46.96
GMW-SF-10	07/09/12	75.77	---	NM	---	NC
GMW-SF-10	10/15/12	75.77	---	29.88	---	45.89
GMW-SF-10	04/08/13	75.77	---	DRY	---	NC
GW-1	05/01/98	75.00	---	27.17	---	47.83
GW-1	05/25/99	75.46	---	27.73	---	47.73
GW-1	05/15/00	75.46	---	28.10	---	47.36
GW-1	05/07/01	75.46	---	27.43	---	48.03
GW-1	04/08/02	75.46	---	28.16	---	47.30

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-1	10/21/02	75.46	---	27.95	---	47.51
GW-1	04/07/03	75.46	---	27.70	---	47.76
GW-1	10/06/03	75.46	---	27.97	---	47.49
GW-1	04/19/04	75.97	---	29.00	---	46.97
GW-1	11/01/04	75.97	---	28.98	---	46.99
GW-1	05/02/05	75.46	---	25.78	---	49.68
GW-1	05/01/06	75.97	---	26.20	---	49.77
GW-1	12/01/06	75.97	---	26.62	---	49.35
GW-1	04/30/07	75.97	---	26.78	---	49.19
GW-1	11/12/07	75.97	---	27.28	---	48.69
GW-1	04/11/08	75.97	---	26.60	---	49.37
GW-1	07/24/08	75.97	---	26.99	---	48.98
GW-1	10/13/08	75.97	---	27.56	---	48.41
GW-1	02/09/09	75.46	---	27.06	---	48.40
GW-1	04/07/10	75.46	---	29.76	---	45.70
GW-1	10/01/10	75.97	---	29.11	---	46.86
GW-1	01/06/11	75.97	---	29.99	---	45.98
GW-1	04/12/11	75.97	---	28.46	---	47.51
GW-1	07/07/11	75.97	---	28.45	---	47.52
GW-1	10/07/11	75.97	---	28.71	---	47.26
GW-1	04/12/12	75.97	---	29.46	---	46.51
GW-1	01/10/13	75.97	---	30.61	---	45.36
GW-1	04/02/13	75.97	---	30.70	---	45.27
GW-1	10/01/13	75.97	---	31.30	---	44.67
GW-1	04/07/14	75.97	---	32.39	---	43.58
GW-1	10/27/14	75.97	---	32.47	---	43.50
GW-1	04/20/15	75.97	---	32.81	---	43.16
GW-1	04/13/16	75.97	---	NM	---	NC
GW-1	10/03/16	75.97	---	34.47	---	41.50
GW-1	04/18/17	75.97	---	34.40	---	41.57
GW-1	10/02/17	75.97	---	34.92	---	41.05
GW-1	04/16/18	75.97	---	35.31	---	40.66
GW-1	11/05/18	75.97	---	35.83	---	40.14
GW-1	04/15/19	75.97	---	35.07	---	40.90
GW-1	10/29/19	75.97	---	35.95	---	40.02
GW-1	05/04/20	75.97	---	35.74	---	40.23
GW-1	11/02/20	75.46	---	35.88	---	40.09
GW-1	05/04/21	75.97	---	36.00	---	39.97
GW-2	05/01/98	75.00	---	27.65	---	47.35
GW-2	05/25/99	76.39	---	28.47	---	47.92
GW-2	05/15/00	76.39	---	28.88	---	47.51
GW-2	05/07/01	76.39	---	28.22	---	48.17
GW-2	04/08/02	76.39	---	28.85	---	47.54
GW-2	10/21/02	76.39	---	28.75	---	47.64
GW-2	04/07/03	76.39	---	28.58	---	47.81
GW-2	10/06/03	76.39	---	28.67	---	47.72
GW-2	04/19/04	75.78	---	28.75	---	47.03
GW-2	11/01/04	75.78	---	28.72	---	47.06
GW-2	05/02/05	76.39	---	26.05	---	50.34
GW-2	05/01/06	75.78	---	25.84	---	49.94

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-2	12/01/06	75.78	---	26.23	---	49.55
GW-2	04/30/07	75.78	---	26.52	---	49.26
GW-2	11/12/07	75.78	---	NM	---	NC
GW-2	04/11/08	76.39	---	27.39	---	49.00
GW-2	07/24/08	76.39	---	27.88	---	48.51
GW-2	10/13/08	76.39	---	28.31	---	48.08
GW-2	02/09/09	76.39	---	27.61	---	48.78
GW-2	01/11/10	76.39	---	29.26	---	47.13
GW-2	04/07/10	76.39	---	29.45	---	46.94
GW-2	01/06/11	75.78	---	32.45	---	43.33
GW-2	04/06/11	75.78	---	28.31	---	47.47
GW-2	07/07/11	75.78	---	28.25	---	47.53
GW-2	10/06/11	75.78	---	28.47	---	47.31
GW-2	04/12/12	75.78	---	29.34	---	46.44
GW-2	04/19/12	75.78	---	28.99	---	46.79
GW-2	01/10/13	75.78	---	30.42	---	45.36
GW-2	04/02/13	75.78	---	30.25	---	45.53
GW-2	04/08/13	75.78	---	30.11	---	45.67
GW-2	10/01/13	75.78	---	30.95	---	44.83
GW-2	04/07/14	75.78	---	32.10	---	43.68
GW-2	04/15/14	75.78	---	31.82	---	43.96
GW-2	10/27/14	75.78	---	32.16	---	43.62
GW-2	04/20/15	75.78	---	32.53	---	43.25
GW-2	04/11/16	75.78	---	33.61	---	42.17
GW-2	10/03/16	75.78	---	34.08	---	41.70
GW-2	04/18/17	75.78	---	34.15	---	41.63
GW-2	10/02/17	75.78	---	34.53	---	41.25
GW-2	04/16/18	75.78	---	34.80	---	40.98
GW-2	11/05/18	75.78	---	35.26	---	40.52
GW-2	04/15/19	75.78	---	34.97	---	40.81
GW-2	10/29/19	75.78	---	35.33	---	40.45
GW-2	05/04/20	75.78	---	35.27	---	40.51
GW-2	11/02/20	76.39	---	35.33	---	40.45
GW-2	05/04/21	75.78	---	35.69	---	40.09
GW-3	05/01/98	75.00	---	28.26	---	46.74
GW-3	05/25/99	76.56	---	28.90	---	47.66
GW-3	05/15/00	76.56	---	29.29	---	47.27
GW-3	05/07/01	76.56	---	28.63	---	47.93
GW-3	04/08/02	76.56	---	29.23	---	47.33
GW-3	10/21/02	76.56	---	29.26	---	47.30
GW-3	04/07/03	76.56	---	28.25	---	48.31
GW-3	10/06/03	76.56	---	29.06	---	47.50
GW-3	04/19/04	76.56	---	30.24	---	46.32
GW-3	11/01/04	75.79	---	28.84	---	46.95
GW-3	05/02/05	76.56	---	25.65	---	50.91
GW-3	05/01/06	75.79	---	25.90	---	49.89
GW-3	12/01/06	75.79	---	26.31	---	49.48
GW-3	04/30/07	73.86	---	26.65	---	47.21
GW-3	11/12/07	75.79	---	27.11	---	48.68
GW-3	04/11/08	76.56	---	27.92	---	48.64

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-3	07/24/08	75.79	---	27.79	---	48.00
GW-3	10/13/08	75.79	---	28.39	---	47.40
GW-3	02/09/09	75.79	---	27.12	---	48.67
GW-3	04/20/09	75.79	---	26.30	---	49.49
GW-3	10/19/09	75.79	---	29.24	---	46.55
GW-3	04/07/10	76.56	---	55.57	---	20.99
GW-3	04/12/10	75.79	---	28.84	---	46.95
GW-3	10/01/10	75.79	---	29.10	---	46.69
GW-3	04/06/11	75.79	---	28.50	---	47.29
GW-3	07/08/11	75.79	---	28.36	---	47.43
GW-3	10/06/11	75.79	---	28.65	---	47.14
GW-3	04/12/12	75.79	---	29.35	---	46.44
GW-3	01/10/13	75.79	---	30.49	---	45.30
GW-3	04/02/13	75.79	---	30.38	---	45.41
GW-3	04/08/13	75.79	---	30.26	---	45.53
GW-3	10/01/13	75.79	---	31.14	---	44.65
GW-3	04/09/14	75.79	---	31.99	---	43.80
GW-3	04/15/14	75.79	---	31.92	---	43.87
GW-3	10/27/14	75.79	---	32.34	---	43.45
GW-3	04/20/15	75.79	---	32.72	---	43.07
GW-3	04/11/16	75.79	---	33.76	---	42.03
GW-3	10/03/16	75.79	---	34.29	---	41.50
GW-3	04/18/17	75.79	---	34.35	---	41.44
GW-3	10/02/17	75.79	---	34.66	---	41.13
GW-3	04/16/18	75.79	---	35.02	---	40.77
GW-3	11/05/18	75.79	---	35.54	---	40.25
GW-3	04/15/19	75.79	---	35.15	---	40.64
GW-3	10/28/19	75.79	---	35.66	---	40.13
GW-3	05/04/20	75.79	---	35.61	---	40.18
GW-3	10/19/20	76.56	---	35.71	---	40.08
GW-3	11/02/20	76.56	---	35.71	---	40.08
GW-3	05/04/21	75.79	---	38.00	---	37.79
GW-4	05/01/98	78.51	---	30.45	---	48.06
GW-4	05/25/99	74.77	---	26.97	---	47.80
GW-4	05/15/00	74.77	---	27.80	---	46.97
GW-4	05/07/01	74.77	---	26.87	---	47.90
GW-4	04/08/02	74.77	---	27.60	---	47.17
GW-4	10/21/02	74.77	---	27.60	---	47.17
GW-4	04/07/03	74.77	---	27.25	---	47.52
GW-4	10/06/03	74.77	---	27.40	---	47.37
GW-4	04/19/04	74.77	---	28.07	---	46.70
GW-4	11/01/04	74.77	---	28.09	---	46.68
GW-4	05/01/06	73.86	---	28.52	---	45.34
GW-4	12/01/06	74.77	---	NM	---	NC
GW-4	04/30/07	74.77	---	NM	---	NC
GW-4	11/12/07	74.77	---	26.40	---	48.37
GW-4	04/11/08	74.77	---	26.32	---	48.45
GW-4	07/24/08	74.77	---	26.71	---	48.06
GW-4	10/13/08	74.77	---	27.31	---	47.46
GW-4	02/09/09	74.77	---	26.05	---	48.72

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-4	04/07/10	74.77	---	28.12	---	46.65
GW-4	10/01/10	73.86	---	NM	---	NC
GW-4	01/06/11	73.86	---	NM	---	NC
GW-4	04/06/11	73.86	---	NM	---	NC
GW-4	07/08/11	73.86	---	NM	---	NC
GW-4	04/12/12	73.86	---	NM	---	NC
GW-4	01/10/13	73.86	---	NM	---	NC
GW-4	04/02/13	73.86	---	NM	---	NC
GW-4	04/11/16	73.86	---	32.19	---	41.67
GW-4	10/03/16	73.86	---	32.82	---	41.04
GW-4	04/17/17	73.86	---	DRY	---	NC
GW-4	10/02/17	73.86	---	NM	---	NC
GW-4	04/16/18	73.86	---	NM	---	NC
GW-4	11/05/18	73.86	---	NM	---	NC
GW-4	04/15/19	73.86	---	33.29	---	40.57
GW-4	10/28/19	73.86	---	33.74	---	40.12
GW-4	05/05/20	73.86	---	NM	---	NC
GW-4	11/02/20	74.77	---	NM	---	NC
GW-4	05/04/21	73.86	---	NM	---	NC
GW-5	05/01/98	75.00	---	26.42	---	48.58
GW-5	05/25/99	77.09	---	29.01	---	48.08
GW-5	05/15/00	77.09	---	36.26	---	40.83
GW-5	05/07/01	77.09	---	30.32	---	46.77
GW-5	04/08/02	77.09	---	29.75	---	47.34
GW-5	10/21/02	77.09	---	30.27	---	46.82
GW-5	04/07/03	77.09	---	29.30	---	47.79
GW-5	10/06/03	77.09	---	29.34	---	47.75
GW-5	04/19/04	77.09	---	30.24	---	46.85
GW-5	11/01/04	77.09	---	30.02	---	47.07
GW-5	05/02/05	77.09	---	25.81	---	51.28
GW-5	05/01/06	77.09	---	26.87	---	50.22
GW-5	12/01/06	77.09	---	27.45	---	49.64
GW-5	04/27/07	77.09	---	27.75	---	49.34
GW-5	11/12/07	77.09	---	28.36	---	48.73
GW-5	04/11/08	77.09	---	28.17	---	48.92
GW-5	07/24/08	77.09	---	28.62	---	48.47
GW-5	10/13/08	77.09	---	29.21	---	47.88
GW-5	02/09/09	76.99	---	27.68	---	49.31
GW-5	04/07/10	76.99	---	29.88	---	47.11
GW-5	10/01/10	76.99	---	30.03	---	46.96
GW-5	01/06/11	76.99	---	30.18	---	46.81
GW-5	04/06/11	76.99	---	29.11	---	47.88
GW-5	07/08/11	76.99	---	29.24	---	47.75
GW-5	10/06/11	76.99	---	29.58	---	47.41
GW-5	04/12/12	76.99	---	30.48	---	46.51
GW-5	01/10/13	76.99	---	31.68	---	45.31
GW-5	04/02/13	76.99	---	31.59	---	45.40
GW-5	10/01/13	76.99	---	32.33	---	44.66
GW-5	04/07/14	76.99	---	33.22	---	43.77
GW-5	10/27/14	76.99	---	33.45	---	43.54

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-5	11/02/20	77.09	---	38.59	---	40.47
GW-5R	10/02/17	79.06	---	37.61	---	41.45
GW-5R	04/16/18	79.06	---	38.07	---	40.99
GW-5R	11/05/18	79.06	---	38.59	---	40.47
GW-5R	04/16/19	79.06	---	36.78	---	42.28
GW-5R	10/28/19	79.06	---	38.65	---	40.41
GW-5R	05/04/20	79.06	---	38.33	---	40.73
GW-5R	05/03/21	79.06	---	38.80	---	40.26
GW-6	05/01/98	75.00	---	26.27	---	48.73
GW-6	05/25/99	77.41	---	29.61	---	47.80
GW-6	05/15/00	77.41	---	30.25	---	47.16
GW-6	05/07/01	77.41	---	30.31	---	47.10
GW-6	04/08/02	77.41	---	30.01	---	47.40
GW-6	10/21/02	77.41	---	27.32	---	50.09
GW-6	04/07/03	77.41	---	28.45	---	48.96
GW-6	10/06/03	77.41	---	28.65	---	48.76
GW-6	04/19/04	76.38	---	29.64	---	46.74
GW-6	11/01/04	77.41	---	30.32	---	47.09
GW-6	05/02/05	77.41	---	26.27	---	51.14
GW-6	05/01/06	76.38	---	26.20	---	50.18
GW-6	12/01/06	76.38	---	26.86	---	49.52
GW-6	04/27/07	76.38	---	27.14	---	49.24
GW-6	11/12/07	77.41	---	27.75	---	49.66
GW-6	04/11/08	76.38	---	27.52	---	48.86
GW-6	07/24/08	76.38	---	27.75	---	48.63
GW-6	10/13/08	76.38	---	28.54	---	47.84
GW-6	02/09/09	76.38	---	27.38	---	49.00
GW-6	04/20/09	76.38	---	28.41	---	47.97
GW-6	10/19/09	76.38	---	29.32	---	47.06
GW-6	04/07/10	76.38	---	30.21	---	46.17
GW-6	04/12/10	76.38	---	29.61	---	46.77
GW-6	01/06/11	76.38	---	29.45	---	46.93
GW-6	04/06/11	76.38	---	28.35	---	48.03
GW-6	07/07/11	76.38	28.51	28.52	0.01	47.87
GW-6	10/06/11	76.38	---	28.88	---	47.50
GW-6	04/12/12	76.38	---	29.88	---	46.50
GW-6	04/18/12	76.38	---	29.65	---	46.73
GW-6	01/10/13	76.38	---	31.13	---	45.25
GW-6	04/02/13	76.38	---	31.03	---	45.35
GW-6	04/08/13	76.38	---	31.00	---	45.38
GW-6	10/01/13	76.38	---	31.78	---	44.60
GW-6	04/09/14	76.38	---	32.55	---	43.83
GW-6	04/15/14	76.38	---	32.43	---	43.95
GW-6	10/27/14	76.38	---	32.87	---	43.51
GW-6	04/20/15	76.38	---	33.23	---	43.15
GW-6	04/11/16	76.38	---	NM	---	NC
GW-6	10/03/16	76.38	---	34.88	---	41.50
GW-6	04/17/17	76.38	---	34.46	---	41.92
GW-6	10/02/17	76.38	---	35.03	---	41.35
GW-6	04/16/18	76.38	---	35.48	---	40.90

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-6	11/05/18	76.38	---	35.99	---	40.39
GW-6	04/16/19	76.38	---	32.05	---	44.33
GW-6	10/29/19	76.38	---	36.29	---	40.09
GW-6	05/04/20	76.38	---	35.75	---	40.63
GW-6	11/02/20	77.41	---	35.92	---	40.46
GW-6	05/03/21	76.38	---	36.10	---	40.28
GW-7	05/01/98	75.00	---	26.14	---	48.86
GW-7	05/25/99	76.46	---	28.29	---	48.17
GW-7	05/15/00	76.46	---	28.45	---	48.01
GW-7	04/08/02	76.46	---	27.66	---	48.80
GW-7	10/21/02	76.76	---	27.20	---	49.56
GW-7	04/07/03	76.76	---	28.40	---	48.36
GW-7	10/06/03	76.76	---	28.83	---	47.93
GW-7	04/19/04	75.02	---	28.65	---	46.37
GW-7	11/01/04	76.76	---	28.91	---	47.85
GW-7	05/02/05	76.76	---	25.45	---	51.31
GW-7	05/01/06	75.02	---	24.78	---	50.24
GW-7	12/01/06	75.02	---	25.41	---	49.61
GW-7	04/30/07	75.02	---	25.84	---	49.18
GW-7	11/12/07	76.46	---	NM	---	NC
GW-7	04/11/08	76.76	---	27.50	---	49.26
GW-7	07/24/08	76.46	---	27.62	---	48.84
GW-7	10/14/08	76.46	---	28.55	---	47.91
GW-7	02/10/09	75.02	---	27.75	---	47.27
GW-7	04/08/10	76.76	---	29.04	---	47.72
GW-7	10/01/10	75.02	---	27.91	---	47.11
GW-7	01/07/11	75.02	---	28.12	---	46.90
GW-7	04/06/11	75.02	---	26.94	---	48.08
GW-7	07/08/11	75.02	---	27.00	---	48.02
GW-7	10/06/11	75.02	---	27.50	---	47.52
GW-7	04/12/12	75.02	---	NM	---	NC
GW-7	01/11/13	75.02	---	30.25	---	44.77
GW-7	04/03/13	75.02	---	30.03	---	44.99
GW-7	10/02/13	75.02	---	30.44	---	44.58
GW-7	04/09/14	75.02	---	31.22	---	43.80
GW-7	10/27/14	75.02	---	31.64	---	43.38
GW-7	04/20/15	75.02	---	31.95	---	43.07
GW-7	04/11/16	75.02	---	NM	---	NC
GW-7	10/03/16	75.02	---	33.69	---	41.33
GW-7	04/17/17	75.02	---	32.95	---	42.07
GW-7	10/03/17	75.02	---	33.94	---	41.08
GW-7	04/16/18	75.02	---	34.45	---	40.57
GW-7	11/05/18	75.02	---	34.95	---	40.07
GW-7	05/10/19	75.02	---	33.82	---	41.20
GW-7	10/29/19	75.02	---	35.16	---	39.86
GW-7	05/04/20	75.02	---	34.18	---	40.84
GW-7	11/02/20	75.02	---	34.59	---	40.43
GW-7	05/04/21	75.02	---	35.07	---	39.95
GW-8	05/01/98	75.00	---	26.17	---	48.83
GW-8	05/25/99	76.88	---	28.59	---	48.29

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-8	05/15/00	76.88	---	36.92	---	39.96
GW-8	05/07/01	76.88	---	34.15	---	42.73
GW-8	04/08/02	76.88	---	33.15	---	43.73
GW-8	10/21/02	76.88	---	28.24	---	48.64
GW-8	04/07/03	76.88	---	29.04	---	47.84
GW-8	10/06/03	76.88	---	29.10	---	47.78
GW-8	04/19/04	76.88	---	30.00	---	46.88
GW-8	11/01/04	76.88	---	29.85	---	47.03
GW-8	05/02/05	76.88	---	25.45	---	51.43
GW-8	03/06/06	76.15	---	26.38	---	49.77
GW-8	05/01/06	76.88	---	26.66	---	50.22
GW-8	08/26/06	76.88	---	26.91	---	49.97
GW-8	12/01/06	76.15	---	26.53	---	49.62
GW-8	03/21/07	76.88	---	27.52	---	49.36
GW-8	04/27/07	76.88	---	26.91	---	49.97
GW-8	08/28/07	76.88	---	26.91	---	49.97
GW-8	11/12/07	76.88	---	27.52	---	49.36
GW-8	02/05/08	76.15	---	28.62	---	47.53
GW-8	04/11/08	76.15	---	27.35	---	48.80
GW-8	07/24/08	76.15	---	27.81	---	48.34
GW-8	10/13/08	76.15	---	28.40	---	47.75
GW-8	02/09/09	76.15	---	28.59	---	47.56
GW-8	07/16/09	76.15	---	28.48	---	47.67
GW-8	04/07/10	76.15	---	29.04	---	47.11
GW-8	10/01/10	76.15	---	29.19	---	46.96
GW-8	01/06/11	76.15	---	29.32	---	46.83
GW-8	04/06/11	76.15	---	28.27	---	47.88
GW-8	07/07/11	76.15	---	28.41	---	47.74
GW-8	10/06/11	76.15	---	28.76	---	47.39
GW-8	04/12/12	76.15	---	29.98	---	46.17
GW-8	01/10/13	76.15	---	30.85	---	45.30
GW-8	04/02/13	76.15	---	30.80	---	45.35
GW-8	10/01/13	76.15	---	31.53	---	44.62
GW-8	04/07/14	76.15	---	32.31	---	43.84
GW-8	04/17/14	76.15	---	31.99	---	44.16
GW-8	10/27/14	76.15	---	32.62	---	43.53
GW-8	04/20/15	76.15	---	32.95	---	43.20
GW-8	04/11/16	76.15	---	NM	---	NC
GW-8	10/03/16	76.15	---	34.58	---	41.57
GW-8	04/17/17	76.15	---	34.29	---	41.86
GW-8	10/02/17	76.15	---	34.88	---	41.27
GW-8	04/16/18	76.15	---	35.22	---	40.93
GW-8	11/05/18	76.15	---	35.75	---	40.40
GW-8	04/16/19	76.15	---	34.68	---	41.47
GW-8	10/29/19	76.15	---	35.70	---	40.45
GW-8	05/04/20	76.15	---	35.55	---	40.60
GW-8	10/19/20	76.88	---	35.79	---	40.36
GW-8	11/02/20	76.88	---	35.79	---	40.36
GW-8	05/03/21	76.15	---	36.01	---	40.14
GW-13(1")	04/11/08	77.10	---	28.30	---	48.80

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-13(1")	01/11/10	77.10	---	30.24	---	46.86
GW-13(1")	04/07/10	77.10	---	30.08	---	47.02
GW-13(6")	11/12/07	76.85	---	28.31	---	48.54
GW-13(6")	07/24/08	77.45	---	28.91	---	48.54
GW-13(6")	10/13/08	77.45	---	29.29	---	48.16
GW-13(6")	02/09/09	76.85	---	28.88	---	47.97
GW-13(6")	04/20/09	76.85	---	29.48	---	47.37
GW-13(6")	10/19/09	76.85	---	29.92	---	46.93
GW-13(6")	04/12/10	76.85	---	29.91	---	46.94
GW-13(6")	01/06/11	76.85	---	33.10	---	43.75
GW-13(6")	04/08/11	76.85	---	29.49	---	47.36
GW-13(6")	07/07/11	76.85	---	29.45	---	47.40
GW-13(6")	10/06/11	76.85	---	29.64	---	47.21
GW-13(6")	04/12/12	76.85	---	30.52	---	46.33
GW-13(6")	04/18/12	76.85	---	30.27	---	46.58
GW-13(6")	01/10/13	76.85	---	31.63	---	45.22
GW-13(6")	04/02/13	76.85	---	31.51	---	45.34
GW-13(6")	04/08/13	76.85	---	31.41	---	45.44
GW-13(6")	10/01/13	76.85	---	32.24	---	44.61
GW-13(6")	04/07/14	76.85	---	33.28	---	43.57
GW-13(6")	04/15/14	76.85	---	33.00	---	43.85
GW-13(6")	10/27/14	76.85	---	33.35	---	43.50
GW-13(6")	04/20/15	76.85	---	33.72	---	43.13
GW-13(6")	04/11/16	76.85	---	34.82	---	42.03
GW-13(6")	10/03/16	76.85	---	35.32	---	41.53
GW-13(6")	04/17/17	76.85	---	35.35	---	41.50
GW-13(6")	10/02/17	76.85	---	34.17	---	42.68
GW-13(6")	04/16/18	76.85	---	35.36	---	41.49
GW-13(6")	11/05/18	76.85	---	36.85	---	40.00
GW-13(6")	04/15/19	76.85	---	35.89	---	40.96
GW-13(6")	10/29/19	76.85	---	36.61	---	40.24
GW-13(6")	05/05/20	76.85	---	36.50	---	40.35
GW-13(6")	11/02/20	77.00	---	36.55	---	40.30
GW-13(6")	05/03/21	76.85	---	36.85	---	40.00
GW-14(1")	01/12/10	76.55	---	29.84	---	46.71
GW-14(6")	11/09/07	76.54	---	27.85	---	48.69
GW-14(6")	04/14/08	76.54	---	27.36	---	49.18
GW-14(6")	07/24/08	76.54	---	26.02	---	50.52
GW-14(6")	10/13/08	76.54	---	28.79	---	47.75
GW-14(6")	02/10/09	76.54	---	26.62	---	49.92
GW-14(6")	04/20/09	76.54	---	28.27	---	48.27
GW-14(6")	10/19/09	76.54	---	27.46	---	49.08
GW-14(6")	04/08/10	76.54	---	28.70	---	47.84
GW-14(6")	04/12/10	76.54	---	28.40	---	48.14
GW-14(6")	01/08/11	76.54	---	29.45	---	47.09
GW-14(6")	04/08/11	76.54	---	27.98	---	48.56
GW-14(6")	07/08/11	76.54	---	28.31	---	48.23
GW-14(6")	10/06/11	76.54	---	28.93	---	47.61
GW-14(6")	04/12/12	76.54	---	29.95	---	46.59
GW-14(6")	04/20/12	76.54	---	29.90	---	46.64

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-14(6")	01/10/13	76.54	---	33.29	---	43.25
GW-14(6")	04/03/13	76.54	---	31.29	---	45.25
GW-14(6")	04/08/13	76.54	---	31.17	---	45.37
GW-14(6")	10/02/13	76.54	---	32.04	---	44.50
GW-14(6")	04/09/14	76.54	---	32.65	---	43.89
GW-14(6")	04/16/14	76.54	---	32.42	---	44.12
GW-14(6")	10/27/14	76.54	---	32.87	---	43.67
GW-14(6")	11/02/20	76.55	---	NM	---	NC
GW-14R	10/30/19	78.77	---	34.87	---	NC
GW-14R	05/05/20	78.77	---	NM	---	NC
GW-14R	05/03/21	78.77	---	34.49	---	44.28
GW-14R(6")	10/03/17	78.77	33.35	35.03	1.68	NC
GW-14R(6")	04/16/18	78.77	33.80	36.50	2.70	NC
GW-14R(6")	11/05/18	78.77	34.22	37.69	3.47	NC
GW-14R(6")	04/15/19	78.77	33.74	34.76	1.02	NC
GW-15(1")	07/24/08	75.36	27.50	27.55	0.05	47.85
GW-15(1")	10/16/08	75.36	28.15	28.16	0.01	47.21
GW-15(1")	02/09/09	75.36	27.98	28.02	0.04	47.37
GW-15(1")	07/17/09	75.36	28.51	28.59	0.08	46.83
GW-15(1")	04/08/10	75.36	27.74	29.43	1.69	47.28
GW-15(6")	04/11/08	74.94	---	26.19	---	48.75
GW-15(6")	10/19/09	74.94	---	NM	---	NC
GW-15(6")	04/12/10	74.94	27.58	29.63	2.05	46.95
GW-15(6")	04/08/11	74.94	26.75	26.76	0.01	48.19
GW-15(6")	07/07/11	74.94	27.57	27.61	0.04	47.36
GW-15(6")	10/06/11	74.94	28.38	28.40	0.02	46.56
GW-15(6")	04/12/12	74.94	29.54	29.55	0.01	45.40
GW-15(6")	01/11/13	74.94	---	30.39	---	44.55
GW-15(6")	04/03/13	74.94	29.13	35.20	6.07	44.60
GW-15(6")	10/02/13	74.94	31.70	35.01	3.31	42.58
GW-15(6")	04/09/14	74.94	---	32.08	---	42.86
GW-15(6")	04/17/14	74.94	31.50	33.00	1.50	43.14
GW-15(6")	10/27/14	74.94	32.82	32.87	0.05	42.11
GW-15(6")	04/20/15	74.94	---	32.39	---	42.55
GW-15(6")	04/13/16	74.94	33.68	33.75	0.07	41.25
GW-15(6")	10/03/16	74.94	---	34.31	---	40.63
GW-15(6")	04/20/17	74.94	---	33.91	---	41.03
GW-15(6")	10/03/17	74.94	---	33.58	---	41.36
GW-15(6")	04/16/18	74.94	---	34.36	---	40.58
GW-15(6")	11/05/18	74.94	---	NM	---	NC
GW-15(6")	04/18/19	74.94	---	34.51	---	40.43
GW-15(6")	10/29/19	74.94	---	34.03	---	40.91
GW-15(6")	05/05/20	74.94	---	34.25	---	40.69
GW-15(6")	11/02/20	75.36	---	33.79	---	41.15
GW-15(6")	05/04/21	74.94	---	33.94	---	41.00
GW-16(1")	07/17/09	76.55	---	28.87	---	47.68
GW-16(1")	01/12/10	76.55	---	29.94	---	46.61
GW-16(1")	04/07/11	76.33	---	28.55	---	47.78
GW-16(6")	10/19/09	76.33	---	29.94	---	46.39
GW-16(6")	04/12/10	76.33	---	28.71	---	47.62

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GW-16(6")	07/07/11	76.33	---	28.96	---	47.37
GW-16(6")	10/06/11	76.33	---	29.34	---	46.99
GW-16(6")	04/12/12	76.33	---	30.12	---	46.21
GW-16(6")	01/11/13	76.33	---	31.30	---	45.03
GW-16(6")	04/03/13	76.33	---	31.10	---	45.23
GW-16(6")	10/02/13	76.33	---	31.77	---	44.56
GW-16(6")	04/09/14	76.33	---	32.09	---	44.24
GW-16(6")	04/16/14	76.33	---	31.95	---	44.38
GW-16(6")	10/27/14	76.33	---	32.46	---	43.87
GW-16(6")	04/20/15	76.33	---	32.71	---	43.62
GW-16(6")	04/13/16	76.33	---	34.12	---	42.21
GW-16(6")	10/03/16	76.33	---	34.65	---	41.68
GW-16(6")	04/18/17	76.33	---	34.07	---	42.26
GW-16(6")	10/03/17	76.33	---	34.57	---	41.76
GW-16(6")	04/16/18	76.33	---	35.31	---	41.02
GW-16(6")	11/05/18	76.33	---	35.85	---	40.48
GW-16(6")	04/16/19	76.33	---	34.97	---	41.36
GW-16(6")	10/28/19	76.33	---	35.26	---	41.07
GW-16(6")	05/04/20	76.33	---	33.80	---	42.53
GW-16(6")	11/02/20	76.55	---	35.22	---	41.11
GW-16(6")	05/03/21	76.33	---	34.94	---	41.39
GWR-1	11/20/96	73.65	---	26.79	---	46.86
GWR-1	07/01/97	73.65	---	27.69	---	45.96
GWR-1	12/31/97	73.65	---	27.34	---	46.31
GWR-1	05/01/98	73.65	---	24.04	---	49.61
GWR-1	05/07/99	73.65	---	25.56	---	48.09
GWR-1	08/09/99	73.65	---	25.64	---	48.01
GWR-1	11/15/99	73.65	---	25.86	---	47.79
GWR-1	05/15/00	73.65	---	25.65	---	48.00
GWR-1	11/13/00	73.65	---	26.40	---	47.25
GWR-1	05/07/01	73.65	---	24.75	---	48.90
GWR-1	08/07/01	73.65	---	24.39	---	49.26
GWR-1	11/05/01	73.65	---	24.80	---	48.85
GWR-1	04/08/02	73.65	---	29.39	---	44.26
GWR-1	10/21/02	73.65	---	26.03	---	47.62
GWR-1	04/07/03	73.65	---	25.69	---	47.96
GWR-1	10/06/03	73.65	---	25.36	---	48.29
GWR-1	01/11/04	73.65	---	26.72	---	46.93
GWR-1	04/19/04	73.65	---	NM	---	NC
GWR-1	05/02/05	73.65	---	21.62	---	52.03
GWR-1	08/01/05	73.65	---	22.06	---	51.59
GWR-1	10/31/05	73.65	---	24.16	---	49.49
GWR-1	05/01/06	73.65	---	22.70	---	50.95
GWR-1	09/18/06	73.65	---	24.31	---	49.34
GWR-1	12/04/06	73.65	---	23.95	---	49.70
GWR-1	04/30/07	73.65	---	41.65	---	32.00
GWR-1	11/12/07	73.65	---	24.05	---	49.60
GWR-1	04/14/08	73.65	---	24.40	---	49.25
GWR-1	10/13/08	73.65	---	25.06	---	48.59
GWR-1	04/20/09	77.40	---	28.78	---	48.62

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GWR-1	10/19/09	77.40	---	29.98	---	47.42
GWR-1	05/24/10	77.40	---	26.37	---	51.03
GWR-1	05/28/10	77.40	---	25.91	---	51.49
GWR-1	10/04/10	77.40	---	26.15	---	51.25
GWR-1	04/11/11	77.40	---	27.50	---	49.90
GWR-1	10/10/11	77.40	---	25.45	---	51.95
GWR-1	04/16/12	77.40	---	27.53	---	49.87
GWR-1	07/09/12	77.40	---	NM	---	NC
GWR-1	10/15/12	77.40	---	29.21	---	48.19
GWR-1	04/08/13	77.40	---	29.28	---	48.12
GWR-1	10/07/13	77.40	---	29.66	---	47.74
GWR-1	04/14/14	77.40	---	30.31	---	47.09
GWR-1	10/27/14	77.40	---	30.81	---	46.59
GWR-1R	04/17/17	76.64	---	33.77	---	42.87
GWR-1R	10/02/17	76.64	---	37.26	---	39.38
GWR-1R	04/16/18	76.64	---	37.21	---	39.43
GWR-1R	11/05/18	76.64	---	37.21	---	39.43
GWR-1R	04/16/19	76.64	---	34.34	---	42.30
GWR-1R	10/28/19	76.64	---	37.24	---	39.40
GWR-1R	05/04/20	76.64	---	34.95	---	41.69
GWR-1R	11/02/20	76.64	---	35.38	---	41.26
GWR-1R	05/03/21	76.64	---	35.91	---	40.73
GWR-2	08/09/99	73.66	---	25.74	---	47.92
GWR-2	10/21/02	73.66	---	25.89	---	47.77
GWR-2	04/07/03	73.66	---	26.68	---	46.98
GWR-3	08/09/99	74.93	27.45	29.30	1.85	47.17
GWR-3	11/15/99	74.93	---	NM	---	NC
GWR-3	05/15/00	74.93	28.67	31.92	3.25	45.71
GWR-3	11/13/00	74.93	---	37.59	---	37.34
GWR-3	05/07/01	74.93	28.15	27.20	0.95	48.52
GWR-3	11/05/01	74.93	---	27.95	---	46.98
GWR-3	04/08/02	74.93	---	27.58	---	47.35
GWR-3	04/07/03	74.93	---	NM	---	NC
GWR-3	05/02/05	74.93	---	26.12	---	48.81
GWR-3	10/31/05	74.93	---	NM	---	NC
GWR-3	05/01/06	74.93	---	26.46	---	48.47
GWR-3	12/04/06	74.93	---	28.27	---	46.66
GWR-3	04/30/07	74.93	---	27.97	---	46.96
GWR-3	11/12/07	74.93	---	27.90	---	47.03
GWR-3	10/17/08	74.93	---	29.88	---	45.05
GWR-3	12/17/08	74.93	---	19.71	---	55.22
GWR-3	01/15/09	74.93	29.26	29.27	0.26	45.88
GWR-3	03/27/09	74.93	---	27.18	---	47.75
GWR-3	04/21/09	74.93	---	29.97	---	44.96
GWR-3	07/21/09	74.93	---	28.77	---	46.16
GWR-3	10/19/09	74.93	---	NM	---	NC
GWR-3	10/04/10	74.93	---	30.67	---	44.26
GWR-3	04/11/11	74.93	---	29.94	---	44.99
GWR-3	10/10/11	74.93	---	29.22	---	45.71
GWR-3	04/16/12	74.93	---	29.56	---	45.37

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
GWR-3	07/09/12	---	---	NM	---	NC
GWR-3	10/15/12	77.60	---	31.21	---	46.39
GWR-3	04/08/13	77.60	29.18	29.21	0.03	48.41
GWR-3	10/07/13	77.60	31.67	36.20	4.53	45.16
GWR-3	04/14/14	77.60	32.23	38.80	6.57	44.25
GWR-3	05/05/14	77.60	32.31	38.81	6.50	44.18
GWR-3	05/12/14	77.60	32.77	36.34	3.57	44.22
GWR-3	05/27/14	77.60	33.20	36.11	2.91	43.91
GWR-3	06/04/14	77.60	31.61	34.57	2.96	45.49
GWR-3	08/08/14	77.60	33.38	37.92	4.54	43.45
GWR-3	08/13/14	77.60	33.18	35.38	2.20	44.05
GWR-3	08/19/14	77.60	33.25	35.28	2.03	44.00
GWR-3	08/29/14	77.60	33.12	35.72	2.60	44.04
GWR-3	09/05/14	77.60	33.19	35.68	2.49	43.99
GWR-3	09/11/14	77.60	33.04	36.05	3.01	44.05
GWR-3	09/18/14	77.60	33.27	35.34	2.07	43.98
GWR-3	09/26/14	77.60	33.24	35.25	2.01	44.02
GWR-3	10/01/14	77.60	34.01	36.44	2.43	43.18
GWR-3	10/06/14	77.60	33.33	34.71	1.38	44.04
GWR-3	10/14/14	77.60	33.20	35.15	1.95	44.07
GWR-3	10/23/14	77.60	33.20	35.36	2.16	44.03
GWR-3	10/27/14	77.60	33.49	34.68	1.19	43.91
GWR-3	11/03/14	77.60	33.18	35.43	2.25	44.04
GWR-3	11/10/14	77.60	33.32	35.02	1.70	43.99
GWR-3	11/18/14	77.60	33.34	35.05	1.71	43.97
GWR-3	11/25/14	77.60	33.36	35.04	1.68	43.95
GWR-3	12/03/14	77.60	33.34	34.95	1.61	43.99
GWR-3	12/12/14	77.60	33.64	35.11	1.47	43.71
GWR-3	12/19/14	77.60	33.67	35.55	1.88	43.61
GWR-3	04/20/15	77.60	33.34	37.25	3.91	43.60
GWR-3	07/24/15	77.60	33.95	41.30	7.35	42.40
GWR-3	08/12/15	77.60	34.42	37.03	2.61	42.74
GWR-3	10/20/15	77.60	34.65	35.98	1.33	42.72
GWR-3	03/16/16	77.60	---	38.60	---	39.00
GWR-3	04/11/16	77.60	---	36.90	---	40.70
GWR-3	06/29/16	77.60	---	37.77	---	39.83
GWR-3	08/22/16	77.60	---	38.24	---	39.36
GWR-3	10/03/16	77.60	39.15	39.20	0.05	38.44
GWR-3	10/03/16	77.60	39.15	39.20	0.05	NC
GWR-3	04/17/17	77.60	---	34.88	---	42.72
GWR-3	10/02/17	77.60	---	38.92	---	38.68
GWR-3	04/16/18	77.60	---	38.73	---	38.87
GWR-3	11/05/18	77.60	---	38.42	---	39.18
GWR-3	04/16/19	77.60	---	37.16	---	40.44
GWR-3	10/28/19	77.60	---	38.58	---	39.02
GWR-3	05/04/20	77.60	---	36.02	---	41.58
GWR-3	11/02/20	77.60	---	35.51	---	42.09
GWR-3	05/03/21	77.60	---	36.18	---	41.42
HL-1	08/07/01	75.83	---	26.46	---	49.37
HL-1	04/08/02	75.83	---	27.30	---	48.53

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
HL-1	11/04/02	75.83	---	28.12	---	47.71
HL-1	04/07/03	75.83	---	27.72	---	48.11
HL-1	10/06/03	75.83	---	27.30	---	48.53
HL-1	01/11/04	75.83	---	28.72	---	47.11
HL-1	04/19/04	75.83	---	28.41	---	47.42
HL-1	05/02/05	75.83	---	23.71	---	52.12
HL-1	10/31/05	75.83	---	25.43	---	50.40
HL-2	11/20/96	76.91	---	30.15	---	46.76
HL-2	07/01/97	76.91	---	31.20	---	45.71
HL-2	12/31/97	76.91	---	30.34	---	46.57
HL-2	05/01/98	76.91	---	28.16	---	48.75
HL-2	05/04/99	76.91	---	28.10	---	48.81
HL-2	08/09/99	76.91	---	28.37	---	48.54
HL-2	11/15/99	76.91	---	28.08	---	48.83
HL-2	05/15/00	76.91	---	28.23	---	48.68
HL-2	11/13/00	76.91	---	29.21	---	47.70
HL-2	05/07/01	76.91	---	25.99	---	50.92
HL-2	05/10/01	76.91	---	27.89	---	49.02
HL-2	11/05/01	76.91	---	27.76	---	49.15
HL-2	04/08/02	76.91	---	28.12	---	48.79
HL-2	10/21/02	76.91	---	28.40	---	48.51
HL-2	04/07/03	76.91	---	28.70	---	48.21
HL-2	07/07/03	76.94	---	28.61	---	48.33
HL-2	10/06/03	76.91	---	28.50	---	48.41
HL-2	01/11/04	76.94	---	DRY	---	NC
HL-2	01/20/04	76.94	---	28.90	---	48.04
HL-2	04/19/04	76.94	---	29.24	---	47.70
HL-2	04/27/04	76.94	---	29.38	---	47.56
HL-2	06/07/04	76.94	---	29.58	---	47.36
HL-2	07/08/04	76.94	---	29.59	---	47.35
HL-2	05/02/05	76.94	---	26.61	---	50.33
HL-2	10/31/05	76.94	---	25.80	---	51.14
HL-2	05/01/06	76.94	---	26.04	---	50.90
HL-2	12/04/06	76.94	---	26.83	---	50.11
HL-2	04/30/07	76.94	---	26.81	---	50.13
HL-2	11/12/07	76.94	---	27.29	---	49.65
HL-2	04/14/08	76.94	---	27.10	---	49.84
HL-2	10/13/08	76.94	---	28.06	---	48.88
HL-2	04/20/09	76.94	---	28.28	---	48.66
HL-2	10/19/09	76.94	---	29.03	---	47.91
HL-2	05/24/10	76.94	---	29.36	---	47.58
HL-2	05/28/10	76.94	---	29.38	---	47.56
HL-2	10/04/10	76.94	---	29.25	---	47.69
HL-2	01/10/11	76.94	---	29.90	---	47.04
HL-2	04/11/11	76.94	---	28.73	---	48.21
HL-2	07/11/11	76.94	---	NM	---	NC
HL-2	10/10/11	76.94	---	28.54	---	48.40
HL-2	01/09/12	76.94	---	29.10	---	47.84
HL-2	04/16/12	76.94	---	29.50	---	47.44
HL-2	07/09/12	76.94	---	30.22	---	46.72

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
HL-2	10/15/12	76.94	---	30.22	---	46.72
HL-2	01/14/13	76.94	---	31.02	---	45.92
HL-2	04/08/13	76.94	---	30.99	---	45.95
HL-2	10/07/13	76.94	---	32.21	---	44.73
HL-2	04/14/14	76.94	---	32.53	---	44.41
HL-2	10/27/14	76.94	---	32.89	---	44.05
HL-2	04/20/15	76.94	---	33.37	---	43.57
HL-2	10/19/15	76.94	---	34.08	---	42.86
HL-2	04/11/16	76.94	---	35.51	---	41.43
HL-2	10/03/16	76.94	---	35.17	---	41.77
HL-2	10/03/16	76.94	---	35.17	---	41.77
HL-2	04/17/17	76.94	---	34.45	---	42.49
HL-2	10/02/17	76.94	---	37.24	---	39.70
HL-2	04/16/18	76.94	---	37.21	---	39.73
HL-2	11/05/18	76.94	---	37.61	---	39.33
HL-2	04/16/19	76.94	---	36.52	---	40.42
HL-2	10/28/19	76.94	---	37.81	---	39.13
HL-2	05/04/20	76.94	---	35.62	---	41.32
HL-2	11/02/20	76.94	---	36.00	---	40.94
HL-2	05/03/21	76.94	---	36.43	---	40.51
HL-3	05/07/01	76.86	---	27.92	---	48.94
HL-3	11/05/01	76.86	---	27.99	---	48.87
HL-3	04/08/02	76.86	---	28.73	---	48.13
HL-3	10/21/02	76.86	---	29.13	---	47.73
HL-3	04/07/03	76.86	---	29.04	---	47.82
HL-3	10/06/03	76.86	---	28.74	---	48.12
HL-3	01/11/04	76.86	---	30.21	---	46.65
HL-3	04/19/04	76.86	---	29.98	---	46.88
HL-3	05/02/05	76.86	---	24.80	---	52.06
HL-3	10/31/05	76.86	---	26.28	---	50.58
HL-3	05/01/06	76.86	---	26.01	---	50.85
HL-3	12/04/06	76.86	---	26.86	---	50.00
HL-3	04/30/07	76.86	---	26.92	---	49.94
HL-3	11/12/07	76.86	---	27.39	---	49.47
HL-3	04/14/08	76.86	---	27.62	---	49.24
HL-3	10/13/08	76.86	---	28.29	---	48.57
HL-3	04/20/09	76.86	---	28.45	---	48.41
HL-3	10/19/09	76.86	---	29.46	---	47.40
HL-3	05/24/10	76.86	---	29.27	---	47.59
HL-3	05/28/10	76.86	---	29.34	---	47.52
HL-3	10/04/10	76.86	---	29.36	---	47.50
HL-3	04/11/11	76.86	---	28.28	---	48.58
HL-3	10/10/11	76.86	---	28.70	---	48.16
HL-3	04/16/12	76.86	---	29.83	---	47.03
HL-3	07/09/12	76.86	---	NM	---	NC
HL-3	10/15/12	76.86	---	30.64	---	46.22
HL-3	04/08/13	76.86	---	31.61	---	45.25
HL-3	10/07/13	76.86	---	32.50	---	44.36
HL-3	04/14/14	76.86	---	32.68	---	44.18
HL-3	10/27/14	76.86	---	32.93	---	43.93

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
HL-3	04/20/15	76.86	---	33.43	---	43.43
HL-3	10/19/15	76.86	---	34.15	---	42.71
HL-3	03/14/16	76.86	---	36.84	---	40.02
HL-3	04/11/16	76.86	---	36.03	---	40.83
HL-3	06/29/16	76.86	---	36.60	---	40.26
HL-3	08/22/16	76.86	---	36.53	---	40.33
HL-3	10/03/16	76.86	---	37.22	---	39.64
HL-3	10/03/16	76.86	---	37.22	---	39.64
HL-3	04/17/17	76.86	---	34.06	---	42.80
HL-3	10/02/17	76.86	---	37.15	---	39.71
HL-3	04/16/18	76.86	---	37.49	---	39.37
HL-3	11/05/18	76.86	---	37.39	---	39.47
HL-3	04/16/19	76.86	---	32.95	---	43.91
HL-3	10/28/19	76.86	---	37.27	---	39.59
HL-3	05/04/20	76.86	---	35.23	---	41.63
HL-3	11/02/20	76.86	---	35.83	---	41.03
HL-3	05/03/21	76.86	---	36.40	---	40.46
HL-4	11/20/96	75.75	---	NM	---	NC
HL-4	07/01/97	75.75	---	NM	---	NC
HL-4	12/31/97	75.75	---	NM	---	NC
HL-4	05/01/98	75.75	---	NM	---	NC
HL-4	05/07/99	75.75	---	27.76	---	47.99
HL-4	08/09/99	75.75	---	27.77	---	47.98
HL-4	11/15/99	75.75	---	27.85	---	47.90
HL-4	05/15/00	75.75	---	19.32	---	56.43
HL-4	11/13/00	75.75	---	28.59	---	47.16
HL-4	05/07/01	75.75	---	26.93	---	48.82
HL-4	08/07/01	75.75	---	NM	---	NC
HL-4	11/05/01	75.75	---	26.90	---	48.85
HL-4	04/08/02	75.75	---	27.42	---	48.33
HL-4	10/21/02	75.75	---	28.02	---	47.73
HL-4	04/07/03	75.75	---	25.86	---	49.89
HL-4	10/06/03	75.75	---	27.59	---	48.16
HL-4	01/11/04	75.75	---	29.01	---	46.74
HL-4	04/19/04	75.75	---	28.81	---	46.94
HL-5	08/07/01	76.53	---	27.29	---	49.24
HL-5	10/21/02	76.13	---	28.40	---	47.73
HL-5	04/07/03	76.13	---	26.06	---	50.07
HL-5	10/06/03	76.13	---	27.65	---	48.48
HL-5	01/11/04	76.13	---	29.07	---	47.06
HL-5	04/19/04	76.13	---	28.88	---	47.25
MW-6	11/20/96	77.20	---	30.88	---	46.32
MW-6	07/01/97	77.20	---	32.12	---	45.08
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-6	05/07/01	77.20	---	28.88	---	48.32
MW-6	11/05/01	77.20	---	28.53	---	48.67
MW-6	04/08/02	77.20	---	29.29	---	47.91
MW-6	04/08/02	77.20	---	29.51	---	47.69
MW-6	10/21/02	77.20	---	29.40	---	47.80
MW-6	04/07/03	77.20	---	29.67	---	47.53
MW-6	10/06/03	77.20	---	29.48	---	47.72
MW-6	01/11/04	77.20	---	30.31	---	46.89
MW-6	04/19/04	77.20	---	30.29	---	46.91
MW-6	05/02/05	77.20	---	27.00	---	50.20
MW-6	10/31/05	77.20	---	26.36	---	50.84
MW-6	05/01/06	77.20	---	26.79	---	50.41
MW-6	12/04/06	77.20	---	27.41	---	49.79
MW-6	04/30/07	77.20	---	27.47	---	49.73
MW-6	11/12/07	77.20	---	27.72	---	49.48
MW-6	04/14/08	77.20	---	28.13	---	49.07
MW-6	10/13/08	77.20	---	30.63	---	46.57
MW-6	04/20/09	77.20	---	28.80	---	48.40
MW-6	10/19/09	77.20	---	29.48	---	47.72
MW-6	05/24/10	77.20	---	30.33	---	46.87
MW-6	05/28/10	77.20	---	30.17	---	47.03
MW-6	10/04/10	77.20	---	29.80	---	47.40
MW-6	04/11/11	77.20	---	29.14	---	48.06
MW-6	10/10/11	77.20	---	29.04	---	48.16
MW-6	04/16/12	77.20	---	30.10	---	47.10
MW-6	07/09/12	77.20	---	NM	---	NC
MW-6	10/15/12	77.20	---	30.91	---	46.29
MW-6	04/08/13	77.20	---	31.30	---	45.90
MW-6	10/07/13	77.20	---	32.14	---	45.06
MW-6	04/14/14	77.20	---	32.98	---	44.22
MW-6	10/27/14	77.20	---	33.33	---	43.87
MW-6	04/20/15	77.20	---	33.79	---	43.41
MW-6	10/19/15	77.20	---	34.47	---	42.73
MW-6	04/11/16	77.20	---	35.25	---	41.95
MW-6	10/03/16	77.20	---	35.13	---	42.07
MW-6	10/03/16	77.20	---	35.13	---	42.07
MW-6	04/17/17	77.20	---	34.93	---	42.27
MW-6	10/02/17	77.20	---	35.97	---	41.23
MW-6	04/16/18	77.20	---	36.44	---	40.76
MW-6	11/05/18	77.20	---	36.89	---	40.31
MW-6	04/16/19	77.20	---	35.45	---	41.75
MW-6	10/28/19	77.20	---	36.77	---	40.43
MW-6	05/04/20	77.20	---	36.31	---	40.89
MW-6	11/02/20	77.20	---	36.56	---	40.64
MW-6	05/03/21	77.20	---	36.96	---	40.24
MW-7	11/20/96	78.13	---	32.65	---	45.48
MW-7	07/01/97	78.13	---	34.04	---	44.09
MW-7	12/31/97	78.13	---	32.78	---	45.35
MW-7	05/01/98	78.13	---	30.17	---	47.96
MW-7	05/03/99	78.13	---	30.64	---	47.49

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-7	08/09/99	78.13	---	30.56	---	47.57
MW-7	11/15/99	78.13	---	30.40	---	47.73
MW-7	05/15/00	78.13	---	30.30	---	47.83
MW-7	11/13/00	78.13	---	31.69	---	46.44
MW-7	05/07/01	78.13	---	29.43	---	48.70
MW-7	11/05/01	78.13	---	29.34	---	48.79
MW-7	04/08/02	78.13	---	30.05	---	48.08
MW-7	10/21/02	78.13	---	30.42	---	47.71
MW-7	04/07/03	78.13	---	31.46	---	46.67
MW-7	10/06/03	78.13	---	30.50	---	47.63
MW-7	01/11/04	78.13	---	32.16	---	45.97
MW-7	04/19/04	78.13	---	32.30	---	45.83
MW-7	05/02/05	78.13	---	27.06	---	51.07
MW-7	10/31/05	78.13	---	27.11	---	51.02
MW-7	05/01/06	78.13	---	27.51	---	50.62
MW-7	12/04/06	78.13	---	28.34	---	49.79
MW-7	04/30/07	78.13	---	28.37	---	49.76
MW-7	11/12/07	78.13	---	28.73	---	49.40
MW-7	04/14/08	78.13	---	29.75	---	48.38
MW-7	10/13/08	78.13	---	29.63	---	48.50
MW-7	04/20/09	78.13	---	29.76	---	48.37
MW-7	10/19/09	78.13	---	30.70	---	47.43
MW-7	05/24/10	78.13	---	30.70	---	47.43
MW-7	05/28/10	78.13	---	30.68	---	47.45
MW-7	10/04/10	78.13	---	28.16	---	49.97
MW-7	04/11/11	78.13	---	29.64	---	48.49
MW-7	10/10/11	78.13	---	30.02	---	48.11
MW-7	04/16/12	78.13	---	31.04	---	47.09
MW-7	07/09/12	78.13	---	NM	---	NC
MW-7	10/15/12	78.13	---	31.81	---	46.32
MW-7	04/08/13	78.13	---	32.54	---	45.59
MW-7	10/07/13	78.13	---	33.04	---	45.09
MW-7	04/14/14	78.13	---	34.00	---	44.13
MW-7	10/27/14	78.13	---	34.19	---	43.94
MW-7	04/20/15	78.13	---	34.70	---	43.43
MW-7	10/19/15	78.13	---	35.36	---	42.77
MW-7	04/11/16	78.13	---	36.75	---	41.38
MW-7	10/03/16	78.13	---	37.90	---	40.23
MW-7	10/03/16	78.13	---	37.90	---	40.23
MW-7	04/17/17	78.13	---	35.26	---	42.87
MW-7	10/02/17	78.13	---	37.74	---	40.39
MW-7	04/16/18	78.13	---	38.07	---	40.06
MW-7	11/05/18	78.13	---	38.41	---	39.72
MW-7	04/16/19	78.13	---	35.07	---	43.06
MW-7	10/28/19	78.13	---	38.16	---	39.97
MW-7	05/04/20	78.13	---	36.78	---	41.35
MW-7	11/02/20	78.13	---	37.26	---	40.87
MW-7	05/03/21	78.13	---	37.70	---	40.43
MW-8	11/20/96	76.06	---	28.06	---	48.00
MW-8	05/03/99	76.06	---	25.82	---	50.24

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-8	04/14/14	76.06	---	31.10	---	44.96
MW-8	10/27/14	76.06	---	31.51	---	44.55
MW-8	04/20/15	76.06	---	31.86	---	44.20
MW-8	10/19/15	76.06	---	32.69	---	43.37
MW-8	04/11/16	76.06	---	33.57	---	42.49
MW-8	10/03/16	76.06	---	34.20	---	41.86
MW-8	10/03/16	76.06	---	34.20	---	41.86
MW-8	04/17/17	76.06	---	32.21	---	43.85
MW-8	10/02/17	76.06	---	33.64	---	42.42
MW-8	04/16/18	76.06	---	34.66	---	41.40
MW-8	11/05/18	76.06	---	35.37	---	40.69
MW-8	04/16/19	76.06	---	33.13	---	42.93
MW-8	10/28/19	76.06	---	32.13	---	43.93
MW-8	05/04/20	76.06	---	31.31	---	44.75
MW-8	11/02/20	76.06	---	26.46	---	49.60
MW-8	05/03/21	76.06	---	30.70	---	45.36
MW-9	11/20/96	77.11	---	29.76	---	47.35
MW-9	07/01/97	77.11	---	29.41	---	47.70
MW-9	12/31/97	77.11	---	29.72	---	47.39
MW-9	05/01/98	77.11	---	26.20	---	50.91
MW-9	08/09/99	77.11	28.08	28.50	0.42	48.95
MW-9	11/15/99	77.11	---	28.58	---	48.53
MW-9	11/19/99	77.11	---	NM	---	NC
MW-9	11/13/00	77.11	28.92	28.94	0.02	48.19
MW-9	05/07/01	77.11	---	24.26	---	52.85
MW-9	05/10/01	77.11	---	27.13	---	49.98
MW-9	09/18/01	77.11	27.49	27.50	0.01	49.62
MW-9	11/05/01	77.11	---	27.59	---	49.52
MW-9	04/08/02	77.11	28.21	28.30	0.09	48.88
MW-9	10/21/02	77.11	29.10	29.16	0.06	48.00
MW-9	04/07/03	77.11	28.41	28.42	0.01	48.70
MW-9	10/06/03	77.11	28.47	28.48	0.01	48.64
MW-9	01/11/04	77.11	---	29.63	---	47.48
MW-9	04/19/04	77.11	27.50	27.53	0.03	49.60
MW-9	05/02/05	77.11	---	23.61	---	53.50
MW-9	10/31/05	77.11	25.31	25.62	0.31	51.74
MW-9	05/01/06	77.11	25.71	25.75	0.04	51.39
MW-9	12/04/06	77.11	---	26.67	---	50.44
MW-9	04/30/07	77.11	---	27.29	---	49.82
MW-9	08/28/07	77.11	25.29	26.88	1.59	51.50
MW-9	11/12/07	77.11	27.65	27.69	0.04	49.45
MW-9	04/14/08	77.11	---	27.87	---	49.24
MW-9	10/13/08	77.11	---	28.43	---	48.68
MW-9	04/20/09	77.11	---	28.14	---	48.97
MW-9	10/19/09	77.11	29.36	29.40	0.04	47.74
MW-9	05/24/10	77.11	---	29.11	---	48.00
MW-9	05/28/10	77.11	---	29.04	---	48.07
MW-9	10/04/10	77.11	---	29.35	---	47.76
MW-9	04/11/11	77.11	---	28.18	---	48.93
MW-9	10/10/11	77.11	---	28.66	---	48.45

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-9	04/16/12	77.11	---	30.22	---	46.89
MW-9	07/09/12	77.11	---	NM	---	NC
MW-9	10/15/12	77.11	---	31.30	---	45.81
MW-9	04/08/13	77.11	---	31.40	---	45.71
MW-9	10/07/13	77.11	---	31.95	---	45.16
MW-9	04/14/14	77.11	---	32.55	---	44.56
MW-9	10/27/14	77.11	---	32.89	---	44.22
MW-9	04/20/15	77.11	---	33.24	---	43.87
MW-9	10/19/15	77.11	---	34.05	---	43.06
MW-9	04/11/16	77.11	---	35.43	---	41.68
MW-9	10/03/16	77.11	---	33.56	---	43.55
MW-9	10/03/16	77.11	---	33.56	---	43.55
MW-9	04/17/17	77.11	---	31.80	---	45.31
MW-9	10/02/17	77.11	---	36.45	---	40.66
MW-9	04/16/18	77.11	---	36.90	---	40.21
MW-9	11/05/18	77.11	---	37.19	---	39.92
MW-9	04/16/19	77.11	---	35.42	---	41.69
MW-9	10/30/19	77.11	---	35.25	---	41.86
MW-9	05/04/20	77.11	---	34.62	---	42.49
MW-9	11/02/20	77.11	---	34.78	---	42.33
MW-9	05/03/21	77.11	---	35.63	---	41.48
MW-10	11/20/96	79.12	---	32.80	---	46.32
MW-10	07/01/97	79.12	---	32.86	---	46.26
MW-10	12/31/97	79.12	---	32.92	---	46.20
MW-10	05/01/98	79.12	---	30.28	---	48.84
MW-10	05/25/99	79.12	---	30.79	---	48.33
MW-10	05/15/00	79.12	---	32.32	---	46.80
MW-10	11/13/00	79.12	---	30.90	---	48.22
MW-10	05/07/01	79.12	---	31.21	---	47.91
MW-10	04/08/02	79.12	---	31.91	---	47.21
MW-10	10/21/02	79.12	---	31.53	---	47.59
MW-10	04/07/03	79.12	---	31.15	---	47.97
MW-10	10/06/03	79.12	---	31.11	---	48.01
MW-10	04/19/04	79.12	---	32.12	---	47.00
MW-10	11/01/04	79.12	---	31.96	---	47.16
MW-10	05/02/05	79.12	---	27.68	---	51.44
MW-10	03/06/06	79.12	---	28.44	---	50.68
MW-10	05/01/06	79.12	---	28.87	---	50.25
MW-10	08/26/06	79.12	---	29.17	---	49.95
MW-10	12/01/06	79.12	---	29.52	---	49.60
MW-10	03/21/07	79.12	---	29.71	---	49.41
MW-10	04/27/07	79.12	---	29.90	---	49.22
MW-10	08/28/07	79.12	---	30.22	---	48.90
MW-10	11/12/07	79.12	---	30.50	---	48.62
MW-10	02/05/08	79.12	---	30.90	---	48.22
MW-10	04/11/08	79.12	---	30.31	---	48.81
MW-10	07/24/08	79.12	---	30.48	---	48.64
MW-10	10/13/08	79.12	---	31.39	---	47.73
MW-10	02/09/09	79.12	---	30.05	---	49.07
MW-10	07/16/09	79.12	---	31.42	---	47.70

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-10	04/07/10	79.12	---	32.00	---	47.12
MW-10	10/01/10	79.12	---	32.09	---	47.03
MW-10	01/06/11	79.12	---	32.22	---	46.90
MW-10	04/08/11	79.12	---	31.24	---	47.88
MW-10	07/07/11	79.12	---	31.37	---	47.75
MW-10	10/06/11	79.12	---	31.71	---	47.41
MW-10	04/12/12	79.12	---	32.63	---	46.49
MW-10	01/10/13	79.12	---	33.78	---	45.34
MW-10	04/02/13	79.12	---	33.70	---	45.42
MW-10	04/07/14	79.12	---	35.23	---	43.89
MW-10	04/14/16	79.12	---	37.01	---	42.11
MW-11	11/20/96	78.17	31.31	33.60	2.29	46.40
MW-11	07/01/97	78.17	31.89	34.15	2.26	45.83
MW-11	12/31/97	78.17	31.42	33.49	2.07	46.34
MW-11	05/01/98	78.17	26.96	28.75	1.79	50.85
MW-11	05/25/99	78.17	29.93	29.95	0.02	48.24
MW-11	05/15/00	78.17	---	29.88	---	48.29
MW-11	11/13/00	78.17	---	31.47	---	46.70
MW-11	05/07/01	78.17	---	28.95	---	49.22
MW-11	04/08/02	78.17	---	30.70	---	47.47
MW-11	10/21/02	78.17	---	29.98	---	48.19
MW-11	04/07/03	78.17	---	29.95	---	48.22
MW-11	10/06/03	78.17	---	30.36	---	47.81
MW-11	04/19/04	78.17	---	31.94	---	46.23
MW-11	11/01/04	78.17	---	30.80	---	47.37
MW-11	05/02/05	78.17	---	26.97	---	51.20
MW-11	05/01/06	78.17	---	27.86	---	50.31
MW-11	08/26/06	78.17	---	28.28	---	49.89
MW-11	12/01/06	78.17	---	28.56	---	49.61
MW-11	04/30/07	78.17	---	28.94	---	49.23
MW-11	11/12/07	78.17	---	29.50	---	48.67
MW-11	04/11/08	78.17	---	29.15	---	49.02
MW-11	10/14/08	78.17	---	30.18	---	47.99
MW-11	04/20/09	78.17	---	30.00	---	48.17
MW-11	10/19/09	78.17	---	30.91	---	47.26
MW-11	04/07/10	78.17	---	30.72	---	47.45
MW-11	04/12/10	78.17	---	30.55	---	47.62
MW-11	10/01/10	78.17	---	30.97	---	47.20
MW-11	01/07/11	78.17	---	31.12	---	47.05
MW-11	04/12/12	78.17	---	31.52	---	46.65
MW-11	04/19/12	78.17	---	31.34	---	46.83
MW-11	04/05/13	78.17	---	32.71	---	45.46
MW-12	11/20/96	75.76	---	28.97	---	46.79
MW-12	07/01/97	75.76	---	29.49	---	46.27
MW-12	12/31/97	75.76	---	28.98	---	46.78
MW-12	05/01/98	75.76	---	26.27	---	49.49
MW-12	05/04/99	75.76	---	27.53	---	48.23
MW-12	11/15/99	75.76	---	27.65	---	48.11
MW-12	05/15/00	75.76	---	30.34	---	45.42
MW-12	11/13/00	75.76	---	27.44	---	48.32

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-12	11/13/00	75.76	---	27.38	---	48.38
MW-12	05/07/01	75.76	---	26.72	---	49.04
MW-12	11/05/01	75.76	---	26.75	---	49.01
MW-12	04/08/02	75.76	---	27.52	---	48.24
MW-12	04/08/02	75.76	---	27.70	---	48.06
MW-12	10/21/02	75.76	---	28.08	---	47.68
MW-12	10/21/02	75.76	---	28.09	---	47.67
MW-12	04/07/03	75.76	---	27.77	---	47.99
MW-12	10/06/03	75.76	---	27.60	---	48.16
MW-12	01/11/04	75.76	---	29.91	---	45.85
MW-12	04/19/04	75.76	---	28.71	---	47.05
MW-12	05/02/05	75.76	---	23.56	---	52.20
MW-12	05/02/05	75.76	---	23.42	---	52.34
MW-12	10/31/05	75.76	---	25.61	---	50.15
MW-12	05/01/06	75.76	---	25.09	---	50.67
MW-12	05/01/06	75.76	---	24.85	---	50.91
MW-12	12/01/06	75.76	---	25.65	---	50.11
MW-12	12/04/06	75.76	---	25.69	---	50.07
MW-12	04/30/07	75.76	---	26.25	---	49.51
MW-12	04/30/07	75.76	---	25.80	---	49.96
MW-12	11/12/07	75.76	---	27.12	---	48.64
MW-12	11/12/07	75.76	---	26.23	---	49.53
MW-12	04/11/08	75.76	---	26.69	---	49.07
MW-12	04/14/08	75.76	---	29.47	---	46.29
MW-12	10/13/08	75.76	---	27.30	---	48.46
MW-12	10/14/08	75.76	---	27.59	---	48.17
MW-12	04/20/09	75.76	---	27.34	---	48.42
MW-12	10/19/09	75.76	---	28.88	---	46.88
MW-12	04/08/10	75.76	---	27.93	---	47.83
MW-12	05/24/10	75.76	---	28.16	---	47.60
MW-12	05/28/10	75.76	---	28.10	---	47.66
MW-12	10/04/10	75.76	---	28.21	---	47.55
MW-12	04/11/11	75.76	---	27.14	---	48.62
MW-12	10/10/11	75.76	---	27.92	---	47.84
MW-12	04/16/12	75.76	---	29.10	---	46.66
MW-12	07/09/12	75.76	---	NM	---	NC
MW-12	10/15/12	75.76	---	30.31	---	45.45
MW-12	04/08/13	75.76	---	30.53	---	45.23
MW-12	10/07/13	75.76	---	31.02	---	44.74
MW-12	04/14/14	75.76	---	31.61	---	44.15
MW-12	10/27/14	75.76	---	31.88	---	43.88
MW-12	04/20/15	75.76	---	32.39	---	43.37
MW-12	11/06/15	75.76	---	34.12	---	41.64
MW-12	04/11/16	75.76	---	34.56	---	41.20
MW-12	10/03/16	75.76	---	35.84	---	39.92
MW-12	10/03/16	75.76	---	35.84	---	39.92
MW-12	04/17/17	75.76	---	32.97	---	42.79
MW-12	10/02/17	75.76	---	35.85	---	39.91
MW-12	04/16/18	75.76	---	35.98	---	39.78
MW-12	11/05/18	75.76	---	36.27	---	39.49

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-12	04/16/19	75.76	---	29.07	---	46.69
MW-12	10/28/19	75.76	---	36.14	---	39.62
MW-12	05/04/20	75.76	---	34.06	---	41.70
MW-12	11/02/20	75.76	---	34.54	---	41.22
MW-12	05/03/21	75.76	---	35.23	---	40.53
MW-13	11/20/96	78.25	---	31.60	---	46.65
MW-13	07/01/97	78.25	---	30.70	---	47.55
MW-13	12/31/97	78.25	---	31.24	---	47.01
MW-13	05/01/98	78.25	---	28.22	---	50.03
MW-13	05/25/99	78.25	---	29.19	---	49.06
MW-13	05/15/00	78.25	---	29.95	---	48.30
MW-13	11/13/00	78.25	---	27.21	---	51.04
MW-13	02/05/01	78.25	---	29.42	---	48.83
MW-13	05/07/01	78.25	---	28.95	---	49.30
MW-13	04/08/02	78.25	---	30.33	---	47.92
MW-13	09/19/02	78.25	---	30.73	---	47.52
MW-13	10/21/02	78.25	---	30.88	---	47.37
MW-13	04/07/03	78.25	---	30.05	---	48.20
MW-13	10/06/03	78.25	---	29.76	---	48.49
MW-13	04/19/04	78.25	---	30.50	---	47.75
MW-13	11/01/04	78.25	---	30.85	---	47.40
MW-13	02/28/05	78.25	---	27.54	---	50.71
MW-13	05/02/05	78.25	---	25.62	---	52.63
MW-13	03/06/06	78.25	---	27.70	---	50.55
MW-13	05/01/06	78.25	---	27.70	---	50.55
MW-13	08/26/06	78.25	---	28.04	---	50.21
MW-13	12/01/06	78.25	---	28.49	---	49.76
MW-13	03/21/07	78.25	---	28.58	---	49.67
MW-13	04/27/07	78.25	---	29.00	---	49.25
MW-13	08/28/07	78.25	---	29.10	---	49.15
MW-13	11/12/07	78.25	---	29.46	---	48.79
MW-13	02/05/08	78.25	---	30.00	---	48.25
MW-13	04/11/08	78.25	---	29.23	---	49.02
MW-13	07/24/08	78.25	---	29.71	---	48.54
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-13	10/01/13	78.25	---	33.48	---	44.77
MW-13	04/09/14	78.25	---	34.03	---	44.22
MW-13	04/15/14	78.25	---	33.93	---	44.32
MW-13	10/27/14	78.25	---	34.39	---	43.86
MW-13	04/20/15	78.25	---	34.42	---	43.83
MW-13	04/12/16	78.25	---	36.02	---	42.23
MW-13	10/03/16	78.25	---	36.45	---	41.80
MW-13	04/17/17	78.25	---	35.65	---	42.60
MW-13	10/03/17	78.25	---	36.48	---	41.77
MW-13	04/16/18	78.25	---	37.02	---	41.23
MW-13	11/05/18	78.25	---	37.67	---	40.58
MW-13	04/16/19	78.25	---	36.89	---	41.36
MW-13	10/28/19	78.25	---	35.16	---	43.09
MW-13	05/04/20	78.25	---	37.04	---	41.21
MW-13	10/19/20	78.25	---	37.12	---	41.13
MW-13	11/02/20	78.25	---	37.12	---	41.13
MW-13	05/03/21	78.25	---	37.67	---	40.58
MW-14	11/20/96	78.60	---	32.52	---	46.08
MW-14	07/01/97	78.60	---	33.64	---	44.96
MW-14	12/31/97	78.60	---	32.91	---	45.69
MW-14	05/01/98	78.60	---	30.93	---	47.67
MW-14	02/03/99	78.60	---	30.99	---	47.61
MW-14	05/07/99	78.60	---	31.84	---	46.76
MW-14	05/25/99	78.60	---	30.85	---	47.75
MW-14	08/09/99	78.60	---	32.23	---	46.37
MW-14	02/29/00	78.60	---	31.43	---	47.17
MW-14	05/15/00	78.60	---	31.22	---	47.38
MW-14	08/28/00	78.60	---	31.78	---	46.82
MW-14	11/13/00	78.60	---	31.72	---	46.88
MW-14	02/05/01	78.60	---	31.25	---	47.35
MW-14	05/07/01	78.60	---	30.55	---	48.05
MW-14	05/07/01	78.60	---	NM	---	NC
MW-14	09/18/01	78.60	---	30.42	---	48.18
MW-14	01/29/02	78.60	---	30.89	---	47.71
MW-14	04/08/02	78.60	---	31.22	---	47.38
MW-14	07/29/02	78.60	---	31.02	---	47.58
MW-14	10/21/02	78.60	---	31.08	---	47.52
MW-14	01/27/03	78.60	---	30.78	---	47.82
MW-14	04/07/03	78.60	---	30.90	---	47.70
MW-14	10/06/03	78.60	---	30.96	---	47.64
MW-14	04/19/04	78.60	---	31.51	---	47.09
MW-14	11/01/04	78.60	---	31.61	---	46.99
MW-14	02/28/05	78.60	---	29.79	---	48.81
MW-14	05/02/05	78.60	---	28.31	---	50.29
MW-14	03/06/06	78.60	---	28.34	---	50.26
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-14	08/28/07	78.60	---	29.77	---	48.83
MW-14	11/12/07	78.60	---	29.91	---	48.69
MW-14	02/05/08	78.60	---	30.24	---	48.36
MW-14	04/11/08	78.60	---	29.73	---	48.87
MW-14	07/24/08	78.60	---	30.21	---	48.39
MW-14	10/13/08	78.60	---	30.71	---	47.89
MW-14	02/09/09	78.60	---	30.77	---	47.83
MW-14	04/20/09	78.60	---	30.80	---	47.80
MW-14	07/16/09	78.60	---	31.21	---	47.39
MW-14	07/20/09	78.60	---	31.31	---	47.29
MW-14	10/19/09	78.60	---	31.43	---	47.17
MW-14	01/11/10	78.60	---	31.94	---	46.66
MW-14	04/07/10	78.60	---	31.79	---	46.81
MW-14	04/12/10	78.60	---	31.44	---	47.16
MW-14	01/06/11	78.60	---	32.86	---	45.74
MW-14	04/06/11	78.60	---	31.13	---	47.47
MW-14	07/07/11	78.60	---	31.13	---	47.47
MW-14	10/06/11	78.60	---	31.31	---	47.29
MW-14	01/09/12	78.60	---	31.40	---	47.20
MW-14	04/12/12	78.60	---	32.07	---	46.53
MW-14	04/18/12	78.60	---	31.83	---	46.77
MW-14	01/11/13	78.60	---	33.24	---	45.36
MW-14	04/02/13	78.60	---	33.13	---	45.47
MW-14	04/08/13	78.60	---	33.80	---	44.80
MW-14	10/01/13	78.60	---	33.90	---	44.70
MW-14	04/07/14	78.60	---	34.98	---	43.62
MW-14	10/27/14	78.60	---	35.03	---	43.57
MW-14	04/20/15	78.60	---	35.38	---	43.22
MW-14	04/11/16	78.60	---	36.49	---	42.11
MW-14	10/03/16	78.60	---	36.37	---	42.23
MW-14	04/17/17	78.60	---	36.99	---	41.61
MW-14	10/02/17	78.60	---	37.31	---	41.29
MW-14	04/16/18	78.60	---	37.64	---	40.96
MW-14	11/05/18	78.60	---	38.17	---	40.43
MW-14	04/15/19	78.60	---	37.67	---	40.93
MW-14	10/29/19	78.60	---	36.19	---	42.41
MW-14	05/04/20	78.60	---	38.10	---	40.50
MW-14	11/02/20	78.60	---	38.25	---	40.35
MW-14	05/04/21	78.60	---	38.56	---	40.04
MW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-15	04/08/02	76.99	---	28.39	---	48.60
MW-15	07/29/02	76.99	---	29.04	---	47.95
MW-15	10/21/02	76.99	29.14	29.15	0.01	47.85
MW-15	04/07/03	76.99	28.51	28.52	0.01	48.48
MW-15	10/06/03	76.99	28.38	28.39	0.01	48.61
MW-15	01/11/04	76.99	29.55	29.64	0.09	47.42
MW-15	04/19/04	76.99	27.60	27.61	0.01	49.39
MW-15	05/02/05	76.99	22.88	22.93	0.05	54.10
MW-15	10/31/05	76.99	27.60	27.81	0.21	49.35
MW-15	05/01/06	76.99	---	25.92	---	51.07
MW-15	12/04/06	76.99	---	26.76	---	50.23
MW-15	04/30/07	76.99	---	28.17	---	48.82
MW-15	11/12/07	76.99	27.02	28.25	1.23	49.72
MW-15	04/14/08	76.99	27.40	28.37	0.97	49.40
MW-15	04/14/08	76.99	27.33	28.31	0.98	49.46
MW-15	10/13/08	76.99	---	29.05	---	47.94
MW-15	04/20/09	76.99	28.24	28.98	0.74	48.60
MW-15	10/19/09	76.99	29.21	30.37	1.16	47.55
MW-15	05/24/10	76.99	28.60	29.49	0.89	48.21
MW-15	05/28/10	76.99	28.57	29.46	0.89	48.24
MW-15	10/04/10	76.99	29.14	30.19	1.05	47.64
MW-15	04/11/11	76.99	28.16	28.62	0.46	48.74
MW-15	10/10/11	76.99	28.59	29.30	---	47.69
MW-15	04/27/12	76.99	---	31.50	---	45.49
MW-15	07/09/12	76.99	---	NM	---	NC
MW-15	10/15/12	76.99	31.36	32.38	1.02	45.43
MW-15	04/08/13	76.99	31.44	32.40	0.96	45.36
MW-15	10/07/13	76.99	31.87	32.18	0.31	45.06
MW-15	04/14/14	76.99	32.59	32.70	0.11	44.38
MW-15	10/27/14	76.99	---	33.33	---	43.66
MW-15R	04/17/17	---	---	34.41	---	NC
MW-15R	10/02/17	74.85	---	34.58	---	40.27
MW-15R	04/16/18	---	---	34.83	---	NC
MW-15R	11/05/18	74.85	---	35.08	---	39.77
MW-15R	04/16/19	74.85	---	33.11	---	41.74
MW-15R	10/28/19	74.85	---	35.00	---	39.85
MW-15R	05/04/20	74.85	---	32.59	---	42.26
MW-15R	11/02/20	74.85	---	33.03	---	41.82
MW-15R	05/03/21	74.85	---	33.57	---	41.28
MW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-16	01/27/03	76.87	---	28.62	---	48.25
MW-16	04/07/03	76.87	---	28.22	---	48.65
MW-16	07/30/03	76.87	---	27.87	---	49.00
MW-16	10/06/03	76.87	---	28.00	---	48.87
MW-16	01/27/04	76.87	---	28.56	---	48.31
MW-16	04/19/04	76.87	---	28.79	---	48.08
MW-16	07/19/04	76.87	---	28.79	---	48.08
MW-16	11/01/04	76.87	---	29.50	---	47.37
MW-16	02/01/05	76.87	---	27.16	---	49.71
MW-16	05/02/05	76.87	---	23.28	---	53.59
MW-16	08/01/05	76.87	---	24.36	---	52.51
MW-16	03/06/06	76.87	---	25.92	---	50.95
MW-16	05/01/06	76.87	---	25.85	---	51.02
MW-16	08/26/06	76.87	---	26.32	---	50.55
MW-16	09/18/06	76.87	---	26.32	---	50.55
MW-16	12/01/06	76.87	---	26.83	---	50.04
MW-16	03/21/07	76.87	---	27.15	---	49.72
MW-16	04/30/07	76.87	---	27.27	---	49.60
MW-16	08/28/07	76.87	---	27.85	---	49.02
MW-16	11/12/07	76.87	---	27.84	---	49.03
MW-16	02/05/08	76.87	---	28.88	---	47.99
MW-16	04/14/08	76.87	---	27.34	---	49.53
MW-16	07/24/08	76.87	---	28.01	---	48.86
MW-16	10/14/08	76.87	---	28.58	---	48.29
MW-16	02/10/09	76.87	---	28.54	---	48.33
MW-16	04/20/09	76.87	---	28.22	---	48.65
MW-16	07/16/09	76.87	---	29.12	---	47.75
MW-16	10/19/09	76.87	---	29.30	---	47.57
MW-16	04/08/10	76.87	---	28.71	---	48.16
MW-16	04/12/10	76.87	---	28.83	---	48.04
MW-16	01/08/11	76.87	---	29.63	---	47.24
MW-16	04/07/11	76.87	---	27.99	---	48.88
MW-16	07/08/11	76.87	---	28.34	---	48.53
MW-16	10/06/11	76.87	---	28.95	---	47.92
MW-16	04/12/12	76.87	---	30.16	---	46.71
MW-16	04/17/12	76.87	---	29.84	---	47.03
MW-16	01/10/13	76.87	---	31.47	---	45.40
MW-16	04/03/13	76.87	---	31.53	---	45.34
MW-16	04/08/13	76.87	---	31.51	---	45.36
MW-16	10/02/13	76.87	---	32.14	---	44.73
MW-16	04/09/14	76.87	---	32.68	---	44.19
MW-16	10/27/14	76.87	---	32.84	---	44.03
MW-16	04/20/15	76.87	---	33.24	---	43.63
MW-16	04/12/16	76.87	---	34.91	---	41.96
MW-16	10/03/16	76.87	---	35.42	---	41.45
MW-16	04/18/17	76.87	---	33.81	---	43.06
MW-16	10/03/17	76.87	---	35.26	---	41.61
MW-16	04/16/18	76.87	---	36.06	---	40.81
MW-16	11/05/18	76.87	---	36.64	---	40.23
MW-16	04/16/19	76.87	---	34.76	---	42.11

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-16	10/28/19	76.87	---	35.65	---	41.22
MW-16	05/04/20	76.87	---	34.72	---	42.15
MW-16	11/02/20	76.87	---	35.42	---	41.45
MW-16	05/03/21	76.87	---	34.96	---	41.91
MW-17	11/20/96	77.86	---	30.83	---	47.03
MW-17	07/01/97	77.86	---	29.40	---	48.46
MW-17	12/31/97	77.86	---	30.31	---	47.55
MW-17	05/01/98	77.86	---	26.49	---	51.37
MW-17	05/25/99	77.86	---	28.44	---	49.42
MW-17	05/15/00	77.86	---	29.09	---	48.77
MW-17	11/13/00	77.86	---	30.74	---	47.12
MW-17	05/07/01	77.86	---	27.81	---	50.05
MW-17	04/08/02	77.86	---	29.16	---	48.70
MW-17	10/21/02	77.86	---	30.20	---	47.66
MW-17	04/07/03	77.86	---	29.05	---	48.81
MW-17	10/06/03	77.86	---	28.90	---	48.96
MW-17	04/19/04	77.86	---	29.72	---	48.14
MW-17	11/01/04	77.86	---	30.33	---	47.53
MW-17	05/02/05	77.86	---	24.30	---	53.56
MW-17	03/06/06	77.86	---	26.85	---	51.01
MW-17	05/01/06	77.86	---	26.90	---	50.96
MW-17	08/26/06	77.86	---	27.41	---	50.45
MW-17	12/01/06	77.86	---	27.90	---	49.96
MW-17	03/21/07	77.86	---	27.99	---	49.87
MW-17	04/27/07	77.86	---	28.45	---	49.41
MW-17	08/28/07	77.86	---	28.45	---	49.41
MW-17	11/12/07	77.86	---	28.91	---	48.95
MW-17	02/05/08	77.86	---	29.46	---	48.40
MW-17	04/11/08	77.86	---	28.51	---	49.35
MW-17	07/24/08	77.86	---	29.11	---	48.75
MW-17	10/13/08	77.86	---	30.00	---	47.86
MW-17	02/09/09	77.86	---	29.36	---	48.50
MW-17	04/20/09	77.86	---	29.31	---	48.55
MW-17	07/16/09	77.86	---	32.25	---	45.61
MW-17	10/19/09	77.86	---	30.72	---	47.14
MW-17	04/07/10	77.86	---	29.92	---	47.94
MW-17	04/12/10	77.86	---	29.92	---	47.94
MW-17	01/06/11	77.86	---	30.93	---	46.93
MW-17	04/07/11	77.86	---	28.97	---	48.89
MW-17	07/07/11	77.86	---	29.49	---	48.37
MW-17	10/06/11	77.86	---	30.17	---	47.69
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-17	04/20/15	77.86	---	34.06	---	43.80
MW-17	04/13/16	77.86	---	35.57	---	42.29
MW-17	10/03/16	77.86	---	36.05	---	41.81
MW-17	04/18/17	77.86	---	35.22	---	42.64
MW-17	10/03/17	77.86	---	35.78	---	42.08
MW-17	04/16/18	77.86	---	36.94	---	40.92
MW-17	11/05/18	77.86	---	37.47	---	40.39
MW-17	04/16/19	77.86	---	36.11	---	41.75
MW-17	10/28/19	77.86	---	36.41	---	41.45
MW-17	05/04/20	77.86	---	36.15	---	41.71
MW-17	11/02/20	77.86	---	36.31	---	41.55
MW-17	05/03/21	77.86	---	36.80	---	41.06
MW-18 (MID)	11/20/96	75.67	---	32.82	---	42.85
MW-18 (MID)	07/01/97	75.67	---	29.10	---	46.57
MW-18 (MID)	12/31/97	75.67	32.67	33.25	0.58	42.88
MW-18 (MID)	05/01/98	75.67	29.81	29.83	0.02	45.86
MW-18 (MID)	08/09/99	75.67	---	31.33	---	44.34
MW-18 (MID)	11/15/99	75.67	---	NM	---	NC
MW-18 (MID)	11/19/99	75.67	---	31.86	---	43.81
MW-18 (MID)	05/15/00	75.67	---	24.58	---	51.09
MW-18 (MID)	11/13/00	75.67	---	26.78	---	48.89
MW-18 (MID)	05/07/01	75.67	---	30.38	---	45.29
MW-18 (MID)	08/07/01	75.67	---	30.46	---	45.21
MW-18 (MID)	11/05/01	75.67	---	30.66	---	45.01
MW-18 (MID)	04/08/02	75.67	---	31.22	---	44.45
MW-18 (MID)	10/21/02	75.67	---	32.24	---	43.43
MW-18 (MID)	04/07/03	75.67	---	NM	---	NC
MW-18 (MID)	10/06/03	75.67	---	31.42	---	44.25
MW-18 (MID)	01/11/04	75.67	---	NM	---	NC
MW-18 (MID)	04/19/04	75.67	---	32.34	---	43.33
MW-18 (MID)	05/02/05	75.67	---	27.67	---	48.00
MW-18 (MID)	10/31/05	75.67	---	25.96	---	49.71
MW-18 (MID)	05/01/06	75.67	---	28.92	---	46.75
MW-18 (MID)	12/04/06	75.67	---	29.74	---	45.93
MW-18 (MID)	04/30/07	75.67	---	29.77	---	45.90
MW-18 (MID)	11/12/07	75.67	---	30.23	---	45.44
MW-18 (MID)	04/14/08	75.67	---	30.45	---	45.22
MW-18 (MID)	10/13/08	75.67	---	31.15	---	44.52
MW-18 (MID)	04/20/09	75.67	---	31.49	---	44.18
MW-18 (MID)	10/19/09	75.67	---	32.62	---	43.05
MW-18 (MID)	05/24/10	75.67	---	32.26	---	43.41
MW-18 (MID)	05/28/10	75.67	---	32.17	---	43.50
MW-18 (MID)	10/04/10	75.67	---	32.30	---	43.37
MW-18 (MID)	04/11/11	75.67	---	31.28	---	44.39
MW-18 (MID)	10/10/11	75.67	---	31.51	---	44.16
MW-18 (MID)	04/16/12	75.67	---	31.75	---	43.92
MW-18 (MID)	07/09/12	75.67	---	NM	---	NC
MW-18 (MID)	10/15/12	75.67	---	33.41	---	42.26
MW-18 (MID)	04/08/13	75.67	---	30.68	---	44.99
MW-18 (MID)	10/07/13	75.67	---	35.33	---	40.34

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-18 (MID)	04/14/14	75.67	---	35.40	---	40.27
MW-18 (MID)	10/27/14	75.67	---	35.81	---	39.86
MW-18 (MID)	04/20/15	75.67	---	36.29	---	39.38
MW-18 (MID)	10/19/15	75.67	---	36.99	---	38.68
MW-18 (MID)	03/14/16	75.67	---	40.70	---	34.97
MW-18 (MID)	04/11/16	75.67	---	38.89	---	36.78
MW-18 (MID)	06/29/16	75.67	---	39.94	---	35.73
MW-18 (MID)	08/22/16	75.67	---	40.14	---	35.53
MW-18 (MID)	10/03/16	75.67	---	40.93	---	34.74
MW-18 (MID)	10/03/16	75.67	---	40.93	---	34.74
MW-18 (MID)	04/17/17	75.67	---	37.50	---	38.17
MW-18 (MID)	10/02/17	75.67	---	40.26	---	35.41
MW-18 (MID)	04/16/18	75.67	---	40.46	---	35.21
MW-18 (MID)	11/05/18	75.67	---	40.50	---	35.17
MW-18 (MID)	04/16/19	75.67	---	38.39	---	37.28
MW-18 (MID)	10/28/19	75.67	---	40.42	---	35.25
MW-18 (MID)	05/04/20	75.67	---	37.96	---	37.71
MW-18 (MID)	11/02/20	75.67	---	34.83	---	40.84
MW-18 (MID)	05/03/21	75.67	---	38.57	---	37.10
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-19 (MID)	04/20/09	78.14	---	31.75	---	46.39
MW-19 (MID)	10/19/09	78.14	---	32.88	---	45.26
MW-19 (MID)	05/24/10	78.14	---	33.16	---	44.98
MW-19 (MID)	05/28/10	78.14	---	33.11	---	45.03
MW-19 (MID)	04/11/11	78.14	---	32.64	---	45.50
MW-19 (MID)	10/10/11	78.14	---	32.64	---	45.50
MW-19 (MID)	04/16/12	78.14	---	33.42	---	44.72
MW-19 (MID)	07/09/12	78.14	---	NM	---	NC
MW-19 (MID)	10/15/12	78.14	---	34.29	---	43.85
MW-19 (MID)	04/08/13	78.14	---	34.81	---	43.33
MW-19 (MID)	10/07/13	78.14	---	36.14	---	42.00
MW-19 (MID)	04/14/14	78.14	---	36.37	---	41.77
MW-19 (MID)	10/27/14	78.14	---	37.09	---	41.05
MW-19 (MID)	04/20/15	78.14	---	37.61	---	40.53
MW-19 (MID)	10/19/15	78.14	---	38.26	---	39.88
MW-19 (MID)	04/11/16	78.14	---	32.97	---	45.17
MW-19 (MID)	10/03/16	78.14	---	40.60	---	37.54
MW-19 (MID)	10/03/16	78.14	---	40.60	---	37.54
MW-19 (MID)	04/17/17	78.14	---	38.62	---	39.52
MW-19 (MID)	10/02/17	78.14	---	40.50	---	37.64
MW-19 (MID)	04/16/18	78.14	---	40.76	---	37.38
MW-19 (MID)	11/05/18	78.14	---	41.21	---	36.93
MW-19 (MID)	04/16/19	78.14	---	38.11	---	40.03
MW-19 (MID)	10/28/19	78.14	---	41.18	---	36.96
MW-19 (MID)	05/04/20	78.14	---	39.92	---	38.22
MW-19 (MID)	11/02/20	78.14	---	40.40	---	37.74
MW-19 (MID)	05/03/21	78.14	---	41.65	---	36.49
MW-20 (MID)	11/20/96	77.19	---	31.98	---	45.21
MW-20 (MID)	07/01/97	77.19	---	33.31	---	43.88
MW-20 (MID)	12/31/97	77.19	---	32.89	---	44.30
MW-20 (MID)	05/01/98	77.19	---	29.81	---	47.38
MW-20 (MID)	05/03/99	77.19	---	30.63	---	46.56
MW-20 (MID)	08/09/99	77.19	---	31.07	---	46.12
MW-20 (MID)	11/15/99	77.19	---	31.00	---	46.19
MW-20 (MID)	05/15/00	77.19	---	30.65	---	46.54
MW-20 (MID)	11/13/00	77.19	---	32.10	---	45.09
MW-20 (MID)	05/07/01	77.19	---	30.14	---	47.05
MW-20 (MID)	09/18/01	77.19	---	30.15	---	47.04
MW-20 (MID)	11/05/01	77.19	---	30.09	---	47.10
MW-20 (MID)	04/08/02	77.19	---	30.82	---	46.37
MW-20 (MID)	04/08/02	77.19	---	36.14	---	41.05
MW-20 (MID)	10/21/02	77.19	---	31.12	---	46.07
MW-20 (MID)	04/07/03	77.19	---	31.25	---	45.94
MW-20 (MID)	10/06/03	77.19	---	31.35	---	45.84
MW-20 (MID)	01/11/04	77.19	---	32.33	---	44.86
MW-20 (MID)	04/19/04	77.19	---	32.04	---	45.15
MW-20 (MID)	05/02/05	77.19	---	28.73	---	48.46
MW-20 (MID)	10/31/05	77.19	---	28.61	---	48.58
MW-20 (MID)	05/01/06	77.19	---	28.65	---	48.54
MW-20 (MID)	12/04/06	77.19	---	29.37	---	47.82

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-20 (MID)	04/30/07	77.19	---	29.35	---	47.84
MW-20 (MID)	11/12/07	77.19	---	29.98	---	47.21
MW-20 (MID)	04/14/08	77.19	---	30.21	---	46.98
MW-20 (MID)	10/13/08	77.19	---	30.93	---	46.26
MW-20 (MID)	04/20/09	77.19	---	31.09	---	46.10
MW-20 (MID)	10/19/09	77.19	---	32.11	---	45.08
MW-20 (MID)	05/24/10	77.19	---	32.33	---	44.86
MW-20 (MID)	05/28/10	77.19	---	32.29	---	44.90
MW-20 (MID)	04/11/11	77.19	---	31.39	---	45.80
MW-20 (MID)	10/10/11	77.19	---	31.55	---	45.64
MW-20 (MID)	04/16/12	77.19	---	32.20	---	44.99
MW-20 (MID)	07/09/12	77.19	---	NM	---	NC
MW-20 (MID)	10/15/12	77.19	---	33.05	---	44.14
MW-20 (MID)	04/08/13	77.19	---	33.35	---	43.84
MW-20 (MID)	10/07/13	77.19	---	34.37	---	42.82
MW-20 (MID)	04/14/14	77.19	---	34.95	---	42.24
MW-20 (MID)	10/27/14	77.19	---	35.65	---	41.54
MW-20 (MID)	04/20/15	77.19	---	35.94	---	41.25
MW-20 (MID)	10/19/15	77.19	---	37.73	---	39.46
MW-20 (MID)	04/11/16	77.19	---	37.55	---	39.64
MW-20 (MID)	10/03/16	77.19	---	38.22	---	38.97
MW-20 (MID)	10/03/16	77.19	---	38.22	---	38.97
MW-20 (MID)	04/17/17	77.19	---	37.30	---	39.89
MW-20 (MID)	10/02/17	77.19	---	38.44	---	38.75
MW-20 (MID)	04/16/18	77.19	---	38.73	---	38.46
MW-20 (MID)	11/05/18	77.19	---	39.37	---	37.82
MW-20 (MID)	04/16/19	77.19	---	36.49	---	40.70
MW-20 (MID)	10/28/19	77.19	---	39.30	---	37.89
MW-20 (MID)	05/04/20	77.19	---	38.41	---	38.78
MW-20 (MID)	11/02/20	77.19	---	38.90	---	38.29
MW-20 (MID)	05/03/21	77.19	---	39.00	---	38.19
MW-21 (MID)	05/04/99	77.55	---	28.99	---	48.56
MW-21 (MID)	08/09/99	77.55	---	29.67	---	47.88
MW-21 (MID)	11/15/99	77.55	---	30.50	---	47.05
MW-21 (MID)	05/15/00	77.55	---	27.30	---	50.25
MW-21 (MID)	11/13/00	77.55	---	30.41	---	47.14
MW-21 (MID)	05/07/01	77.55	---	28.68	---	48.87
MW-21 (MID)	11/05/01	77.55	---	28.67	---	48.88
MW-21 (MID)	04/08/02	77.55	---	49.51	---	28.04
MW-21 (MID)	10/21/02	77.55	---	29.92	---	47.63
MW-21 (MID)	04/07/03	77.55	---	29.90	---	47.65
MW-21 (MID)	10/06/03	77.55	---	29.51	---	48.04
MW-21 (MID)	01/11/04	77.55	---	30.91	---	46.64
MW-21 (MID)	04/19/04	77.55	---	30.66	---	46.89
MW-21 (MID)	05/02/05	77.55	---	25.61	---	51.94
MW-21 (MID)	10/31/05	77.55	---	26.31	---	51.24
MW-21 (MID)	05/01/06	77.55	---	26.66	---	50.89
MW-21 (MID)	12/04/06	77.55	---	27.55	---	50.00
MW-21 (MID)	04/30/07	77.55	---	27.68	---	49.87
MW-21 (MID)	11/12/07	77.55	---	28.08	---	49.47

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-21 (MID)	04/14/08	77.55	---	28.32	---	49.23
MW-21 (MID)	10/13/08	77.55	---	28.96	---	48.59
MW-21 (MID)	04/20/09	77.55	---	29.19	---	48.36
MW-21 (MID)	10/19/09	77.55	---	30.30	---	47.25
MW-21 (MID)	05/24/10	77.55	---	30.00	---	47.55
MW-21 (MID)	05/28/10	77.55	---	29.97	---	47.58
MW-21 (MID)	04/11/11	77.55	---	29.00	---	48.55
MW-21 (MID)	10/10/11	77.55	---	29.44	---	48.11
MW-21 (MID)	04/16/12	77.55	---	30.54	---	47.01
MW-21 (MID)	07/09/12	77.55	---	NM	---	NC
MW-21 (MID)	10/15/12	77.55	---	31.23	---	46.32
MW-21 (MID)	04/08/13	77.55	---	32.29	---	45.26
MW-21 (MID)	10/07/13	77.55	---	32.62	---	44.93
MW-21 (MID)	04/14/14	77.55	---	33.38	---	44.17
MW-21 (MID)	10/27/14	77.55	---	33.62	---	43.93
MW-21 (MID)	04/20/15	77.55	---	34.08	---	43.47
MW-21 (MID)	10/19/15	77.55	---	34.77	---	42.78
MW-21 (MID)	04/11/16	77.55	---	36.42	---	41.13
MW-21 (MID)	10/03/16	77.55	---	37.83	---	39.72
MW-21 (MID)	10/03/16	77.55	---	37.83	---	39.72
MW-21 (MID)	04/17/17	77.55	---	34.74	---	42.81
MW-21 (MID)	10/02/17	77.55	---	37.85	---	39.70
MW-21 (MID)	04/16/18	77.55	---	37.93	---	39.62
MW-21 (MID)	11/05/18	77.55	---	38.11	---	39.44
MW-21 (MID)	04/16/19	77.55	---	33.63	---	43.92
MW-21 (MID)	10/28/19	77.55	---	37.93	---	39.62
MW-21 (MID)	05/04/20	77.55	---	35.92	---	41.63
MW-21 (MID)	11/02/20	77.55	---	36.51	---	41.04
MW-21 (MID)	05/03/21	77.55	---	37.06	---	40.49
MW-22 (MID)	11/20/96	79.57	---	34.39	---	45.18
MW-22 (MID)	07/01/97	79.57	---	35.42	---	44.15
MW-22 (MID)	12/31/97	79.57	---	34.06	---	45.51
MW-22 (MID)	05/01/98	79.57	---	32.12	---	47.45
MW-22 (MID)	02/02/99	79.57	---	31.76	---	47.81
MW-22 (MID)	05/04/99	79.57	---	32.60	---	46.97
MW-22 (MID)	05/25/99	79.57	---	32.02	---	47.55
MW-22 (MID)	08/09/99	79.57	---	33.24	---	46.33
MW-22 (MID)	02/29/00	79.57	---	32.76	---	46.81
MW-22 (MID)	05/15/00	79.57	---	32.72	---	46.85
MW-22 (MID)	08/28/00	79.57	---	33.80	---	45.77
MW-22 (MID)	11/13/00	79.57	---	32.61	---	46.96
MW-22 (MID)	11/13/00	79.57	---	33.47	---	46.10
MW-22 (MID)	02/05/01	79.57	---	32.62	---	46.95
MW-22 (MID)	05/07/01	79.57	---	32.05	---	47.52
MW-22 (MID)	05/07/01	79.57	---	32.01	---	47.56
MW-22 (MID)	09/18/01	79.57	---	32.07	---	47.50
MW-22 (MID)	11/05/01	79.57	---	NM	---	NC
MW-22 (MID)	01/29/02	79.57	---	32.32	---	47.25
MW-22 (MID)	04/08/02	79.57	---	32.61	---	46.96
MW-22 (MID)	07/29/02	79.57	---	32.76	---	46.81

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-22 (MID)	10/21/02	79.57	---	32.66	---	46.91
MW-22 (MID)	01/27/03	79.57	---	32.44	---	47.13
MW-22 (MID)	04/07/03	79.57	---	32.50	---	47.07
MW-22 (MID)	10/06/03	79.57	---	32.98	---	46.59
MW-22 (MID)	04/19/04	79.57	---	33.32	---	46.25
MW-22 (MID)	11/01/04	79.57	---	33.44	---	46.13
MW-22 (MID)	02/28/05	79.57	---	31.66	---	47.91
MW-22 (MID)	05/02/05	79.57	---	29.93	---	49.64
MW-22 (MID)	03/06/06	79.57	---	30.12	---	49.45
MW-22 (MID)	05/01/06	79.57	---	30.54	---	49.03
MW-22 (MID)	08/26/06	79.57	---	31.04	---	48.53
MW-22 (MID)	12/01/06	79.57	---	31.18	---	48.39
MW-22 (MID)	03/21/07	79.57	---	31.49	---	48.08
MW-22 (MID)	04/30/07	79.57	---	31.33	---	48.24
MW-22 (MID)	08/28/07	79.57	---	31.96	---	47.61
MW-22 (MID)	11/12/07	79.57	---	32.19	---	47.38
MW-22 (MID)	02/05/08	79.57	---	32.51	---	47.06
MW-22 (MID)	04/11/08	79.57	---	31.83	---	47.74
MW-22 (MID)	10/13/08	79.57	---	33.01	---	46.56
MW-22 (MID)	02/09/09	79.57	---	32.96	---	46.61
MW-22 (MID)	04/20/09	79.57	---	32.65	---	46.92
MW-22 (MID)	07/16/09	79.57	---	33.51	---	46.06
MW-22 (MID)	07/20/09	79.57	---	33.96	---	45.61
MW-22 (MID)	10/19/09	79.57	---	33.87	---	45.70
MW-22 (MID)	01/11/10	79.57	---	34.14	---	45.43
MW-22 (MID)	04/07/10	79.57	---	34.02	---	45.55
MW-22 (MID)	04/12/10	79.57	---	33.62	---	45.95
MW-22 (MID)	01/07/11	79.57	---	34.50	---	45.07
MW-22 (MID)	04/06/11	79.57	---	33.39	---	46.18
MW-22 (MID)	07/08/11	79.57	---	33.34	---	46.23
MW-22 (MID)	10/06/11	79.57	---	33.57	---	46.00
MW-22 (MID)	01/09/12	79.57	---	33.72	---	45.85
MW-22 (MID)	04/12/12	79.57	---	34.22	---	45.35
MW-22 (MID)	04/18/12	79.57	---	33.98	---	45.59
MW-22 (MID)	01/11/13	79.57	---	35.48	---	44.09
MW-22 (MID)	04/03/13	79.57	---	35.32	---	44.25
MW-22 (MID)	04/08/13	79.57	---	35.30	---	44.27
MW-22 (MID)	10/02/13	79.57	---	36.18	---	43.39
MW-22 (MID)	04/09/14	79.57	---	37.08	---	42.49
MW-22 (MID)	04/15/14	79.57	---	36.84	---	42.73
MW-22 (MID)	10/27/14	79.57	---	37.57	---	42.00
MW-22 (MID)	04/20/15	79.57	---	37.94	---	41.63
MW-22 (MID)	04/11/16	79.57	---	39.20	---	40.37
MW-22 (MID)	10/03/16	79.57	---	39.79	---	39.78
MW-22 (MID)	04/17/17	79.57	---	39.40	---	40.17
MW-22 (MID)	10/02/17	79.57	---	40.16	---	39.41
MW-22 (MID)	04/16/18	79.57	---	40.41	---	39.16
MW-22 (MID)	11/05/18	79.57	---	40.92	---	38.65
MW-22 (MID)	04/17/19	79.57	---	38.87	---	40.70
MW-22 (MID)	10/29/19	79.57	---	40.98	---	38.59

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-22 (MID)	05/04/20	79.57	---	40.55	---	39.02
MW-22 (MID)	10/19/20	79.57	---	40.82	---	38.75
MW-22 (MID)	11/02/20	79.57	---	40.82	---	38.75
MW-22 (MID)	05/04/21	79.57	---	41.09	---	38.48
MW-23 (MID)	11/20/96	79.59	---	33.20	---	46.39
MW-23 (MID)	07/01/97	79.59	---	32.94	---	46.65
MW-23 (MID)	12/31/97	79.59	---	33.14	---	46.45
MW-23 (MID)	05/01/98	79.59	---	30.25	---	49.34
MW-23 (MID)	05/25/99	79.59	---	31.03	---	48.56
MW-23 (MID)	05/15/00	79.59	---	31.97	---	47.62
MW-23 (MID)	11/13/00	79.59	---	31.21	---	48.38
MW-23 (MID)	05/07/01	79.59	---	28.30	---	51.29
MW-23 (MID)	04/08/02	79.59	---	32.27	---	47.32
MW-23 (MID)	10/21/02	79.59	---	31.44	---	48.15
MW-23 (MID)	04/07/03	79.59	---	30.22	---	49.37
MW-23 (MID)	10/06/03	79.59	---	31.50	---	48.09
MW-23 (MID)	04/19/04	79.59	---	32.65	---	46.94
MW-23 (MID)	11/01/04	79.59	---	32.33	---	47.26
MW-23 (MID)	05/02/05	79.59	---	27.72	---	51.87
MW-23 (MID)	03/06/06	79.59	---	28.81	---	50.78
MW-23 (MID)	05/01/06	79.59	---	29.21	---	50.38
MW-23 (MID)	08/26/06	79.59	---	29.56	---	50.03
MW-23 (MID)	12/01/06	79.59	---	29.91	---	49.68
MW-23 (MID)	03/21/07	79.59	---	30.14	---	49.45
MW-23 (MID)	04/27/07	79.59	---	30.33	---	49.26
MW-23 (MID)	08/28/07	79.59	---	31.05	---	48.54
MW-23 (MID)	11/12/07	79.59	---	30.95	---	48.64
MW-23 (MID)	02/05/08	79.59	---	31.91	---	47.68
MW-23 (MID)	04/11/08	79.59	---	30.72	---	48.87
MW-23 (MID)	07/24/08	79.59	---	31.02	---	48.57
MW-23 (MID)	10/13/08	79.59	---	31.82	---	47.77
MW-23 (MID)	02/09/09	79.59	---	32.78	---	46.81
MW-23 (MID)	04/20/09	79.59	---	32.46	---	47.13
MW-23 (MID)	07/16/09	79.59	---	31.79	---	47.80
MW-23 (MID)	10/19/09	79.59	---	32.44	---	47.15
MW-23 (MID)	04/07/10	79.59	---	32.29	---	47.30
MW-23 (MID)	04/12/10	79.59	---	31.83	---	47.76
MW-23 (MID)	01/06/11	79.59	---	32.53	---	47.06
MW-23 (MID)	04/06/11	79.59	---	31.34	---	48.25
MW-23 (MID)	07/07/11	79.59	---	31.62	---	47.97
MW-23 (MID)	10/06/11	79.59	---	32.03	---	47.56
MW-23 (MID)	04/12/12	79.59	---	33.10	---	46.49
MW-23 (MID)	04/19/12	79.59	---	32.87	---	46.72
MW-23 (MID)	01/10/13	79.59	---	34.27	---	45.32
MW-23 (MID)	04/02/13	79.59	---	34.25	---	45.34
MW-23 (MID)	04/08/13	79.59	---	34.19	---	45.40
MW-24	11/20/96	78.51	---	32.33	---	46.18
MW-24	07/01/97	78.51	---	33.97	---	44.54
MW-24	12/31/97	78.51	---	32.72	---	45.79
MW-24	05/01/98	78.51	---	30.42	---	48.09

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-24	05/25/99	78.51	---	30.59	---	47.92
MW-24	05/15/00	78.51	---	31.33	---	47.18
MW-24	11/13/00	78.51	---	31.60	---	46.91
MW-24	05/07/01	78.51	---	30.44	---	48.07
MW-24	04/08/02	78.51	---	31.12	---	47.39
MW-24	10/21/02	78.51	---	31.09	---	47.42
MW-24	04/07/03	78.51	---	30.80	---	47.71
MW-24	10/06/03	78.51	---	30.77	---	47.74
MW-24	04/19/04	78.51	---	31.49	---	47.02
MW-24	11/01/04	78.51	---	31.45	---	47.06
MW-24	05/02/05	78.51	---	27.71	---	50.80
MW-24	05/01/06	78.51	---	28.50	---	50.01
MW-24	12/01/06	78.51	---	29.06	---	49.45
MW-24	04/30/07	78.51	---	29.44	---	49.07
MW-24	11/12/07	78.51	---	29.91	---	48.60
MW-24	04/11/08	78.51	---	29.74	---	48.77
MW-24	07/24/08	78.51	---	29.96	---	48.55
MW-24	10/13/08	78.51	---	30.79	---	47.72
MW-24	02/09/09	78.51	---	29.67	---	48.84
MW-24	04/20/09	78.51	---	30.66	---	47.85
MW-24	10/19/09	78.51	---	31.61	---	46.90
MW-24	04/07/10	78.51	---	31.62	---	46.89
MW-24	04/12/10	78.51	---	31.26	---	47.25
MW-24	01/06/11	78.51	---	31.96	---	46.55
MW-24	04/06/11	78.51	---	30.98	---	47.53
MW-24	07/07/11	78.51	---	31.03	---	47.48
MW-24	10/06/11	78.51	---	31.26	---	47.25
MW-24	04/12/12	78.51	---	32.04	---	46.47
MW-24	04/18/12	78.51	---	31.82	---	46.69
MW-24	01/10/13	78.51	---	33.24	---	45.27
MW-24	04/02/13	78.51	---	33.09	---	45.42
MW-24	04/08/13	78.51	---	33.01	---	45.50
MW-24	10/01/13	78.51	---	33.87	---	44.64
MW-24	04/07/14	78.51	---	34.75	---	43.76
MW-24	04/15/14	78.51	---	34.52	---	43.99
MW-24	10/27/14	78.51	---	34.96	---	43.55
MW-24	04/20/15	78.51	---	35.34	---	43.17
MW-24	04/11/16	78.51	---	36.42	---	42.09
MW-24	10/03/16	78.51	---	NM	---	NC
MW-24	04/17/17	78.51	---	34.90	---	43.61
MW-24	10/02/17	77.66	---	36.24	---	41.42
MW-24	04/16/18	77.66	---	36.63	---	41.03
MW-24	11/05/18	77.66	---	37.14	---	40.52
MW-24	04/15/19	77.66	---	36.60	---	41.06
MW-24	04/16/19	77.66	---	36.41	---	41.25
MW-24	10/29/19	77.66	---	37.18	---	40.48
MW-24	05/05/20	77.66	---	37.05	---	40.61
MW-24	11/02/20	78.51	---	37.26	---	40.40
MW-24	05/03/21	77.66	---	37.52	---	40.14
MW-25	11/20/96	79.15	---	33.90	---	45.25

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-25	07/01/97	79.15	---	34.59	---	44.56
MW-25	12/31/97	79.15	---	33.41	---	45.74
MW-25	05/01/98	79.15	---	31.26	---	47.89
MW-25	05/04/99	79.15	---	32.01	---	47.14
MW-25	05/25/99	79.15	---	31.45	---	47.70
MW-25	08/09/99	79.15	---	32.56	---	46.59
MW-25	05/15/00	79.15	---	31.86	---	47.29
MW-25	11/13/00	79.15	---	33.56	---	45.59
MW-25	11/13/00	79.15	---	32.50	---	46.65
MW-25	05/07/01	79.15	---	31.15	---	48.00
MW-25	05/07/01	79.15	---	31.12	---	48.03
MW-25	04/08/02	79.15	---	31.81	---	47.34
MW-25	10/21/02	79.15	---	31.59	---	47.56
MW-25	04/07/03	79.15	---	31.40	---	47.75
MW-25	10/06/03	79.15	---	31.73	---	47.42
MW-25	04/19/04	79.15	---	32.19	---	46.96
MW-25	11/01/04	79.15	---	32.25	---	46.90
MW-25	05/02/05	79.15	---	28.89	---	50.26
MW-25	05/01/06	79.15	---	29.44	---	49.71
MW-25	12/01/06	79.15	---	29.84	---	49.31
MW-25	04/30/07	79.15	---	29.99	---	49.16
MW-25	11/12/07	79.15	---	30.50	---	48.65
MW-25	04/11/08	79.15	---	30.27	---	48.88
MW-25	07/24/08	79.15	---	30.90	---	48.25
MW-25	10/13/08	79.15	---	31.44	---	47.71
MW-25	02/09/09	79.15	---	30.70	---	48.45
MW-25	04/20/09	79.15	---	31.32	---	47.83
MW-25	10/19/09	79.15	---	32.00	---	47.15
MW-25	04/07/10	79.15	---	32.39	---	46.76
MW-25	04/12/10	79.15	---	31.86	---	47.29
MW-25	01/07/11	79.15	---	32.76	---	46.39
MW-25	04/06/11	79.15	---	31.64	---	47.51
MW-25	07/08/11	79.15	---	31.55	---	47.60
MW-25	10/06/11	79.15	---	31.78	---	47.37
MW-25	04/12/12	79.15	---	32.58	---	46.57
MW-25	04/17/12	79.15	---	32.35	---	46.80
MW-25	01/11/13	79.15	---	33.86	---	45.29
MW-25	04/03/13	79.15	---	33.65	---	45.50
MW-25	04/08/13	79.15	---	33.44	---	45.71
MW-26	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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-26	10/06/03	77.40	---	29.78	---	47.62
MW-26	04/19/04	77.40	---	30.54	---	46.86
MW-26	11/01/04	77.40	---	30.43	---	46.97
MW-26	05/02/05	77.40	---	26.06	---	51.34
MW-26	05/01/06	77.40	---	27.46	---	49.94
MW-26	12/01/06	77.40	---	28.00	---	49.40
MW-26	04/30/07	77.40	---	28.18	---	49.22
MW-26	11/12/07	77.40	---	28.75	---	48.65
MW-26	04/11/08	77.40	---	28.46	---	48.94
MW-26	07/24/08	77.40	---	29.00	---	48.40
MW-26	10/13/08	77.40	---	29.42	---	47.98
MW-26	02/09/09	77.40	---	29.11	---	48.29
MW-26	04/20/09	77.40	---	29.42	---	47.98
MW-26	10/19/09	77.40	---	30.00	---	47.40
MW-26	04/07/10	77.40	---	30.24	---	47.16
MW-26	04/12/10	77.40	---	29.82	---	47.58
MW-26	01/07/11	77.40	---	30.77	---	46.63
MW-26	04/06/11	77.40	---	29.52	---	47.88
MW-26	07/08/11	77.40	---	29.48	---	47.92
MW-26	10/06/11	77.40	---	29.88	---	47.52
MW-26	04/12/12	77.40	---	30.77	---	46.63
MW-26	04/17/12	77.40	---	30.58	---	46.82
MW-26	01/11/13	77.40	---	32.17	---	45.23
MW-26	04/03/13	77.40	---	31.94	---	45.46
MW-26	04/08/13	77.40	---	31.86	---	45.54
MW-26	10/02/13	77.40	---	32.72	---	44.68
MW-26	04/09/14	77.40	---	33.63	---	43.77
MW-26	04/15/14	77.40	---	33.38	---	44.02
MW-26	10/27/14	77.40	---	33.81	---	43.59
MW-26	04/20/15	77.40	---	34.22	---	43.18
MW-26	04/11/16	77.40	---	35.48	---	41.92
MW-26	10/03/16	77.40	---	35.90	---	41.50
MW-26	04/17/17	77.40	---	35.37	---	42.03
MW-26	10/02/17	77.40	---	36.13	---	41.27
MW-26	04/16/18	77.40	---	36.48	---	40.92
MW-26	11/05/18	77.40	---	36.99	---	40.41
MW-26	04/17/19	77.40	---	35.11	---	42.29
MW-26	10/29/19	77.40	---	36.98	---	40.42
MW-26	05/04/20	77.40	---	36.57	---	40.83
MW-26	10/19/20	77.40	---	36.85	---	40.55
MW-26	11/02/20	77.40	---	36.85	---	40.55
MW-26	05/03/21	77.40	---	37.21	---	40.19
MW-27	11/20/96	78.46	---	32.13	---	46.33
MW-27	07/01/97	78.46	---	32.99	---	45.47
MW-27	12/31/97	78.46	---	32.21	---	46.25
MW-27	05/01/98	78.46	---	29.05	---	49.41
MW-27	05/25/99	78.46	---	30.27	---	48.19
MW-27	05/15/00	78.46	---	30.81	---	47.65
MW-27	11/13/00	78.46	---	31.79	---	46.67
MW-27	05/07/01	78.46	---	29.61	---	48.85

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-27	04/08/02	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	04/09/14	78.46	---	NM	---	NC
MW-27	10/27/14	78.46	---	34.63	---	43.83
MW-27	04/20/15	78.46	---	35.03	---	43.43
MW-27	04/11/16	78.46	---	36.66	---	41.80
MW-27	10/03/16	78.46	---	37.16	---	41.30
MW-27	04/17/17	78.46	---	35.85	---	42.61
MW-27	10/02/17	78.46	---	37.61	---	40.85
MW-27	04/16/18	78.46	---	37.53	---	40.93
MW-27	11/05/18	78.46	---	38.35	---	40.11
MW-27	04/17/19	78.46	---	32.88	---	45.58
MW-27	10/29/19	78.46	---	38.50	---	39.96
MW-27	05/04/20	78.46	---	37.43	---	41.03
MW-27	11/02/20	78.46	---	37.85	---	40.61
MW-27	05/04/21	78.46	---	38.31	---	40.15
MW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-28	05/07/01	78.53	---	29.18	---	49.35
MW-28	04/08/02	78.53	---	30.25	---	48.28
MW-28	10/21/02	78.53	---	30.77	---	47.76
MW-28	04/07/03	78.53	---	29.85	---	48.68
MW-28	10/06/03	78.53	---	30.10	---	48.43
MW-28	04/19/04	78.53	---	31.45	---	47.08
MW-28	11/01/04	78.53	---	31.25	---	47.28
MW-28	05/02/05	78.53	---	25.17	---	53.36
MW-28	05/01/06	78.53	---	27.55	---	50.98
MW-28	12/01/06	78.53	---	28.66	---	49.87
MW-28	04/30/07	78.53	---	29.05	---	49.48
MW-28	11/12/07	78.53	---	29.64	---	48.89
MW-28	04/11/08	78.53	---	29.28	---	49.25
MW-28	10/14/08	78.53	---	30.38	---	48.15
MW-28	04/08/10	78.53	---	30.58	---	47.95
MW-28	10/01/10	78.53	---	31.07	---	47.46
MW-28	01/07/11	78.53	---	31.13	---	47.40
MW-28	04/12/12	78.53	---	31.76	---	46.77
MW-28	10/02/13	78.53	---	33.89	---	44.64
MW-28	04/07/14	78.53	---	34.91	---	43.62
MW-28	10/27/14	78.53	---	34.79	---	43.74
MW-28	04/20/15	78.53	---	35.10	---	43.43
MW-28	04/11/16	78.53	---	NM	---	NC
MW-28	10/03/16	78.53	---	NM	---	NC
MW-28	04/17/17	78.53	---	32.90	---	45.63
MW-28	10/03/17	75.90	---	35.18	---	40.72
MW-28	04/16/18	75.90	---	35.47	---	40.43
MW-28	11/05/18	75.90	---	35.88	---	40.02
MW-28	05/10/19	75.90	---	30.70	---	45.20
MW-28	10/28/19	75.90	---	35.83	---	40.07
MW-28	05/04/20	75.90	---	34.83	---	41.07
MW-28	10/19/20	78.53	---	34.92	---	40.98
MW-28	11/02/20	78.53	---	34.92	---	40.98
MW-28	05/03/21	75.90	---	36.53	---	39.37
MW-29	11/20/96	79.13	32.41	32.66	0.25	46.67
MW-29	07/01/97	79.13	31.60	31.65	0.05	47.52
MW-29	12/31/97	79.13	---	31.99	---	47.14
MW-29	05/01/98	79.13	---	29.06	---	50.07
MW-29	05/25/99	79.13	---	30.03	---	49.10
MW-29	05/15/00	79.13	---	30.81	---	48.32
MW-29	11/13/00	79.13	---	31.30	---	47.83
MW-29	05/07/01	79.13	---	29.30	---	49.83
MW-29	02/01/02	79.13	---	29.71	---	49.42
MW-29	04/08/02	79.13	---	31.12	---	48.01
MW-29	10/21/02	79.13	---	31.48	---	47.65
MW-29	04/07/03	79.13	---	30.42	---	48.71
MW-29	10/06/03	79.13	---	30.40	---	48.73
MW-29	04/19/04	79.13	---	31.39	---	47.74
MW-29	11/01/04	79.13	---	31.72	---	47.41
MW-29	03/06/06	79.13	---	27.38	---	51.75

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-29	05/01/06	79.13	---	27.52	---	51.61
MW-29	08/26/06	79.13	---	28.23	---	50.90
MW-29	12/01/06	79.13	---	28.92	---	50.21
MW-29	03/21/07	79.13	---	28.72	---	50.41
MW-29	04/30/07	79.13	---	29.66	---	49.47
MW-29	08/28/07	79.13	---	29.01	---	50.12
MW-29	11/12/07	79.13	---	30.25	---	48.88
MW-29	02/05/08	79.13	---	29.91	---	49.22
MW-29	07/24/08	79.13	---	30.03	---	49.10
MW-29	10/14/08	79.13	---	30.94	---	48.19
MW-29	02/10/09	79.13	---	30.26	---	48.87
MW-29	07/16/09	79.13	---	31.15	---	47.98
MW-29	04/08/10	79.13	---	31.04	---	48.09
MW-29	10/01/10	79.13	---	31.64	---	47.49
MW-29	01/08/11	79.13	---	31.90	---	47.23
MW-29	04/06/11	79.13	---	30.19	---	48.94
MW-29	07/08/11	79.13	---	30.65	---	48.48
MW-29	10/06/11	79.13	---	31.30	---	47.83
MW-29	04/12/12	79.13	---	32.52	---	46.61
MW-29	01/10/13	79.13	---	33.79	---	45.34
MW-29	04/03/13	79.13	---	33.78	---	45.35
MW-29	04/08/13	79.13	---	33.58	---	45.55
MW-29	10/02/13	79.13	---	34.50	---	44.63
MW-29	04/09/14	79.13	---	35.19	---	43.94
MW-29	04/17/14	79.13	---	34.78	---	44.35
MW-29	10/27/14	79.13	---	35.26	---	43.87
MW-29	04/20/15	79.13	---	35.65	---	43.48
MW-29	04/11/16	79.13	---	37.27	---	41.86
MW-29	10/03/16	79.13	---	37.74	---	41.39
MW-29	04/18/17	79.13	---	36.36	---	42.77
MW-29	10/03/17	79.13	---	37.64	---	41.49
MW-29	04/16/18	79.13	---	38.28	---	40.85
MW-29	11/05/18	79.13	---	38.89	---	40.24
MW-29	04/19/19	79.13	---	36.94	---	42.19
MW-29	10/28/19	79.13	---	38.13	---	41.00
MW-29	05/05/20	79.13	---	37.98	---	41.15
MW-29	11/02/20	79.13	---	37.98	---	41.15
MW-29	05/03/21	79.13	---	38.44	---	40.69
MW-O-1	04/08/02	75.48	---	24.31	---	51.17
MW-O-1	10/06/03	75.48	---	25.54	---	49.94
MW-O-1	01/11/04	75.48	26.52	26.60	0.08	48.94
MW-O-1	04/19/04	75.48	---	NM	---	NC
MW-O-1	05/02/05	75.48	22.85	22.89	0.04	52.62
MW-O-1	10/31/05	75.48	27.43	27.51	0.08	48.03
MW-O-1	05/01/06	75.48	22.62	24.09	1.47	52.57
MW-O-1	12/04/06	75.48	23.62	24.86	1.24	51.61
MW-O-1	04/30/07	75.48	23.98	24.10	0.12	51.48
MW-O-1	08/14/07	75.48	23.78	25.31	1.53	51.39
MW-O-1	08/21/07	75.48	23.58	23.84	0.26	51.85
MW-O-1	08/28/07	75.48	23.06	23.07	0.01	52.42

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-O-1	09/11/07	75.48	23.48	23.86	0.38	51.92
MW-O-1	10/05/07	75.48	---	24.67	---	50.81
MW-O-1	11/02/07	75.48	---	24.25	---	51.23
MW-O-1	11/12/07	75.48	24.25	24.27	0.02	51.23
MW-O-1	12/28/07	75.48	25.51	25.54	0.03	49.96
MW-O-1	08/15/08	75.48	---	NM	---	NC
MW-O-1	08/19/08	75.48	25.13	25.18	0.05	50.34
MW-O-1	10/17/08	75.48	---	25.30	---	50.18
MW-O-1	12/19/08	75.48	---	26.31	---	49.17
MW-O-1	01/15/09	75.48	---	25.84	---	49.64
MW-O-1	04/21/09	75.48	---	25.41	---	50.07
MW-O-1	10/19/09	75.48	---	26.30	---	49.18
MW-O-1	10/04/10	75.48	---	26.90	---	48.58
MW-O-1	04/11/11	75.48	---	25.59	---	49.89
MW-O-1	10/10/11	75.48	---	26.52	---	48.96
MW-O-1	04/16/12	75.48	---	27.25	---	48.23
MW-O-1	07/09/12	75.48	---	NM	---	NC
MW-O-1	10/15/12	75.48	---	28.94	---	46.54
MW-O-1	04/08/13	75.48	---	28.81	---	46.67
MW-O-1	10/07/13	75.48	---	29.21	---	46.27
MW-O-1	04/14/14	75.48	---	29.82	---	45.66
MW-O-1	10/27/14	75.48	---	29.92	---	45.56
MW-O-1	04/20/15	75.48	---	30.39	---	45.09
MW-O-1	10/27/15	75.48	---	27.67	---	47.81
MW-O-1	03/14/16	75.48	---	DRY	---	NC
MW-O-1	04/11/16	75.48	---	DRY	---	NC
MW-O-1	06/29/16	75.48	---	DRY	---	NC
MW-O-1	08/22/16	75.48	---	DRY	---	NC
MW-O-1	10/03/16	75.48	---	DRY	---	NC
MW-O-1	10/03/16	75.48	---	DRY	---	NC
MW-O-1	04/17/17	75.48	---	DRY	---	NC
MW-O-1	10/02/17	75.48	---	DRY	---	NC
MW-O-1	04/16/18	75.48	---	DRY	---	NC
MW-O-1	11/05/18	75.48	---	DRY	---	NC
MW-O-1	04/16/19	75.48	---	32.09	---	43.39
MW-O-1	10/28/19	75.48	---	DRY	---	NC
MW-O-1	05/04/20	75.48	---	31.98	---	43.50
MW-O-1	08/20/20	75.48	---	32.86	---	42.62
MW-O-1	11/02/20	75.48	---	DRY	---	NC
MW-O-1	02/24/21	75.48	---	33.02	---	42.46
MW-O-1	05/03/21	75.48	---	DRY	---	40.14
MW-O-2	11/20/96	74.38	25.55	29.58	4.03	48.02
MW-O-2	07/01/97	74.31	26.15	26.49	0.34	48.09
MW-O-2	12/31/97	74.31	26.78	29.00	2.22	47.09
MW-O-2	08/09/99	74.31	---	NM	---	NC
MW-O-2	05/15/00	74.31	25.37	29.63	4.26	48.09
MW-O-2	11/13/00	74.31	25.61	26.32	0.71	48.56
MW-O-2	05/07/01	74.31	---	NM	---	NC
MW-O-2	11/05/01	74.31	---	24.62	---	49.69
MW-O-2	04/08/02	74.31	---	25.71	---	48.60

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-O-2	04/07/03	74.31	---	NM	---	NC
MW-O-2	10/06/03	74.31	23.00	24.19	1.19	51.07
MW-O-2	05/02/05	74.31	---	27.02	---	47.29
MW-O-2	10/31/05	74.31	27.58	27.82	0.24	46.68
MW-O-2	05/22/06	74.31	21.31	21.32	0.01	53.00
MW-O-2	12/04/06	74.31	---	23.10	---	51.21
MW-O-2	04/30/07	74.31	---	22.53	---	51.78
MW-O-2	11/12/07	71.90	---	23.10	---	48.80
MW-O-2	08/15/08	71.90	---	NM	---	NC
MW-O-2	10/17/08	71.90	---	24.85	---	47.05
MW-O-2	12/19/08	71.90	---	25.51	---	46.39
MW-O-2	03/27/09	71.90	---	25.22	---	46.68
MW-O-2	04/21/09	71.90	---	NM	---	NC
MW-O-2	07/21/09	71.90	---	23.63	---	48.27
MW-O-2	10/19/09	71.90	---	NM	---	NC
MW-O-2	11/09/09	71.90	---	25.39	---	46.51
MW-O-2	10/04/10	71.90	---	26.05	---	45.85
MW-O-2	04/13/11	71.90	---	23.31	---	48.59
MW-O-2	10/10/11	71.90	---	27.53	---	44.37
MW-O-2	01/09/12	71.90	---	28.13	---	43.77
MW-O-2	04/16/12	71.90	---	NM	---	NC
MW-O-2	07/09/12	71.90	---	26.53	---	45.37
MW-O-2	10/15/12	71.90	---	26.89	---	45.01
MW-O-2	01/14/13	71.90	---	26.93	---	44.97
MW-O-2	04/08/13	71.90	---	NM	---	NC
MW-O-2	06/06/13	71.90	---	28.99	---	42.91
MW-O-2	10/07/13	71.90	---	29.06	---	42.84
MW-O-2	04/14/14	71.90	---	29.36	---	42.54
MW-O-2	10/27/14	71.90	29.65	29.81	0.16	42.22
MW-O-2	04/20/15	71.90	29.34	30.94	1.60	42.24
MW-O-2	05/21/15	71.90	27.31	32.50	5.19	43.55
MW-O-2	05/29/15	71.90	30.20	31.52	1.32	41.44
MW-O-2	06/05/15	71.90	30.57	31.45	0.88	41.15
MW-O-2	06/12/15	71.90	30.60	31.05	0.45	41.21
MW-O-2	06/19/15	71.90	30.90	31.10	0.20	40.96
MW-O-2	06/26/15	71.90	31.37	31.66	0.29	40.47
MW-O-2	10/19/15	71.90	30.53	32.39	1.86	41.00
MW-O-2	03/14/16	71.90	34.86	35.49	0.63	36.91
MW-O-2	04/11/16	71.90	32.54	33.03	0.49	39.26
MW-O-2	06/30/16	71.90	33.80	34.20	0.40	38.02
MW-O-2	08/22/16	71.90	---	33.93	---	37.97
MW-O-2	10/03/16	71.90	34.22	34.30	0.08	37.66
MW-O-2	10/03/16	71.90	34.22	34.30	0.08	NC
MW-O-2	04/17/17	71.90	30.85	30.91	0.06	41.04
MW-O-2	10/02/17	71.90	---	34.67	---	37.23
MW-O-2	04/16/18	71.90	34.16	34.18	0.02	37.74
MW-O-2	11/05/18	71.90	---	34.30	---	37.60
MW-O-2	04/16/19	71.90	---	31.44	---	40.46
MW-O-2	10/28/19	71.90	---	NM	---	NC
MW-O-2	05/04/20	71.90	---	31.87	---	40.03

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-O-2	08/20/20	71.90	---	32.08	---	39.82
MW-O-2	11/02/20	71.90	---	30.60	---	41.30
MW-O-2	02/24/21	71.90	---	33.16	---	38.74
MW-O-2	05/03/21	71.90	---	32.94	---	38.96
MW-O-4	05/04/99	75.00	24.14	24.19	0.05	50.85
MW-O-4	11/15/99	75.00	---	NM	---	NC
MW-O-4	05/15/00	75.00	---	NM	---	NC
MW-O-4	04/08/02	75.00	---	22.71	---	52.29
MW-SF-1	08/07/01	76.31	29.07	29.18	0.11	47.22
MW-SF-1	04/08/02	78.93	---	29.81	---	49.12
MW-SF-1	11/04/02	78.93	31.02	31.03	0.01	47.91
MW-SF-1	04/07/03	78.93	---	NM	---	NC
MW-SF-1	07/30/03	78.93	---	29.97	---	48.96
MW-SF-1	10/06/03	78.93	---	30.01	---	48.92
MW-SF-1	01/11/04	78.93	---	31.12	---	47.81
MW-SF-1	04/19/04	78.93	---	30.71	---	48.22
MW-SF-1	05/02/05	78.93	---	26.21	---	52.72
MW-SF-1	10/31/05	78.93	---	27.09	---	51.84
MW-SF-1	05/01/06	78.93	---	27.51	---	51.42
MW-SF-1	12/04/06	78.93	---	28.28	---	50.65
MW-SF-1	03/12/07	78.93	---	28.71	---	50.22
MW-SF-1	04/30/07	78.93	---	28.44	---	50.49
MW-SF-1	08/28/07	78.93	---	27.94	---	50.99
MW-SF-1	11/12/07	78.93	---	28.76	---	50.17
MW-SF-1	02/19/08	78.93	---	29.50	---	49.43
MW-SF-1	04/14/08	78.93	---	29.16	---	49.77
MW-SF-1	08/11/08	78.93	---	29.75	---	49.18
MW-SF-1	10/13/08	78.93	---	29.86	---	49.07
MW-SF-1	02/23/09	78.93	---	30.00	---	48.93
MW-SF-1	04/20/09	78.93	---	29.97	---	48.96
MW-SF-1	07/20/09	78.93	---	30.98	---	47.95
MW-SF-1	07/22/09	78.93	---	30.98	---	47.95
MW-SF-1	10/19/09	78.93	---	31.11	---	47.82
MW-SF-1	03/15/10	78.93	---	31.74	---	47.19
MW-SF-1	05/24/10	78.93	---	30.79	---	48.14
MW-SF-1	05/28/10	78.93	---	30.57	---	48.36
MW-SF-1	06/22/10	78.93	---	30.84	---	48.09
MW-SF-1	07/12/10	78.93	---	30.51	---	48.42
MW-SF-1	10/04/10	78.93	---	30.88	---	48.05
MW-SF-1	01/10/11	78.93	---	32.51	---	46.42
MW-SF-1	04/11/11	78.93	---	29.87	---	49.06
MW-SF-1	07/11/11	78.93	---	29.84	---	49.09
MW-SF-1	10/10/11	78.93	---	29.60	---	49.33
MW-SF-1	01/09/12	78.93	---	31.25	---	47.68
MW-SF-1	04/16/12	78.93	---	32.59	---	46.34
MW-SF-1	07/09/12	78.93	---	31.24	---	47.69
MW-SF-1	10/15/12	78.93	---	32.23	---	46.70
MW-SF-1	01/14/13	78.93	---	33.88	---	45.05
MW-SF-1	04/08/13	78.93	---	33.38	---	45.55
MW-SF-1	10/07/13	78.93	31.72	37.14	5.42	46.13

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-1	04/14/14	78.93	32.69	37.40	4.71	45.30
MW-SF-1	05/06/14	78.93	32.82	39.99	7.17	44.68
MW-SF-1	05/12/14	78.93	33.55	37.31	3.76	44.63
MW-SF-1	05/20/14	78.93	34.60	37.10	2.50	43.83
MW-SF-1	05/27/14	78.93	34.30	36.62	2.32	44.17
MW-SF-1	06/04/14	78.93	35.27	35.98	0.71	43.52
MW-SF-1	06/10/14	78.93	34.48	36.91	2.43	43.96
MW-SF-1	07/03/14	78.93	34.71	36.72	2.01	43.82
MW-SF-1	07/08/14	78.93	34.45	36.60	2.15	44.05
MW-SF-1	07/18/14	78.93	34.77	35.18	0.41	44.08
MW-SF-1	07/24/14	78.93	34.62	35.30	0.68	44.17
MW-SF-1	08/01/14	78.93	34.44	34.74	0.30	44.43
MW-SF-1	08/14/14	78.93	34.41	34.75	0.34	44.45
MW-SF-1	08/19/14	78.93	34.37	34.66	0.29	44.50
MW-SF-1	08/29/14	78.93	35.38	35.65	0.27	43.50
MW-SF-1	09/18/14	78.93	34.49	34.85	0.36	44.37
MW-SF-1	09/26/14	78.93	34.45	34.78	0.33	44.41
MW-SF-1	10/01/14	78.93	34.41	34.77	0.36	44.45
MW-SF-1	10/06/14	78.93	34.42	34.78	0.36	44.44
MW-SF-1	10/14/14	78.93	34.41	34.65	0.24	44.47
MW-SF-1	10/23/14	78.93	34.45	34.84	0.39	44.40
MW-SF-1	10/27/14	78.93	34.43	34.80	0.37	44.43
MW-SF-1	11/10/14	78.93	34.51	34.91	0.40	44.34
MW-SF-1	11/18/14	78.93	34.43	34.80	0.37	44.43
MW-SF-1	11/25/14	78.93	34.51	34.53	0.02	44.42
MW-SF-1	12/12/14	78.93	34.78	35.18	0.40	44.07
MW-SF-1	12/19/14	78.93	34.88	35.34	0.46	43.96
MW-SF-1	04/20/15	78.93	34.48	34.89	0.41	44.37
MW-SF-1	05/19/15	78.93	34.55	38.45	3.90	43.60
MW-SF-1	05/29/15	78.93	35.22	36.36	1.14	43.48
MW-SF-1	06/05/15	78.93	35.43	36.50	1.07	43.29
MW-SF-1	06/12/15	78.93	35.41	35.80	0.39	43.44
MW-SF-1	06/19/15	78.93	35.42	36.02	0.60	43.39
MW-SF-1	06/26/15	78.93	36.45	36.60	0.15	42.45
MW-SF-1	10/19/15	78.93	35.53	36.35	0.82	43.24
MW-SF-1	11/17/15	78.93	---	35.65	---	43.28
MW-SF-1	03/14/16	78.93	---	40.40	---	38.53
MW-SF-1	04/11/16	78.93	---	37.96	---	40.97
MW-SF-1	06/29/16	78.93	---	39.05	---	39.88
MW-SF-1	08/22/16	78.93	---	39.04	---	39.89
MW-SF-1	10/03/16	78.93	---	39.20	---	39.73
MW-SF-1	10/03/16	78.93	---	39.20	---	39.73
MW-SF-1	04/17/17	78.93	---	35.75	---	43.18
MW-SF-1	10/02/17	78.93	---	39.98	---	38.95
MW-SF-1	04/16/18	78.93	---	39.43	---	39.50
MW-SF-1	11/05/18	78.93	---	39.20	---	39.73
MW-SF-1	04/16/19	78.93	---	37.94	---	40.99
MW-SF-1	10/28/19	78.93	---	39.41	---	39.52
MW-SF-1	05/04/20	78.93	---	36.65	---	42.28
MW-SF-1	11/02/20	78.93	---	37.39	---	41.54

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-1	05/03/21	78.93	---	38.03	---	40.90
MW-SF-2	11/20/96	78.45	30.31	36.68	6.37	46.87
MW-SF-2	07/01/97	78.45	28.43	45.25	16.82	46.66
MW-SF-2	12/31/97	78.45	30.86	33.92	3.06	46.98
MW-SF-2	05/01/98	78.45	20.73	27.55	6.82	56.36
MW-SF-2	08/09/99	78.45	---	NM	---	NC
MW-SF-2	11/15/99	78.45	---	NM	---	NC
MW-SF-2	05/15/00	78.45	27.56	30.01	2.45	50.40
MW-SF-2	11/13/00	78.45	29.27	30.32	1.05	48.97
MW-SF-2	05/07/01	78.45	28.00	29.75	1.75	50.10
MW-SF-2	08/07/01	78.45	28.79	30.25	1.46	49.37
MW-SF-2	11/05/01	78.45	29.50	30.49	0.99	48.75
MW-SF-2	04/08/02	78.45	---	NM	---	NC
MW-SF-2	10/21/02	78.45	29.74	30.74	1.00	48.51
MW-SF-2	04/07/03	78.45	---	NM	---	NC
MW-SF-2	10/06/03	78.93	29.87	29.88	0.01	49.06
MW-SF-2	01/11/04	78.45	---	NM	---	NC
MW-SF-2	04/19/04	78.45	30.90	30.91	0.01	47.55
MW-SF-2	05/02/05	78.45	26.25	26.52	0.27	52.15
MW-SF-2	10/31/05	78.45	26.30	29.71	3.41	51.47
MW-SF-2	05/01/06	78.45	27.22	27.96	0.74	51.08
MW-SF-2	12/04/06	78.45	27.98	28.82	0.30	49.87
MW-SF-2	04/30/07	78.45	28.34	28.35	0.01	50.11
MW-SF-2	11/12/07	78.45	28.71	29.18	0.47	49.65
MW-SF-2	08/12/08	78.45	---	31.11	---	47.34
MW-SF-2	10/17/08	78.45	31.50	31.55	0.05	46.94
MW-SF-2	12/18/08	78.53	32.55	32.75	0.20	45.94
MW-SF-2	01/15/09	78.53	30.57	30.84	0.27	47.91
MW-SF-2	03/24/09	78.53	---	28.85	---	49.68
MW-SF-2	04/21/09	78.53	---	29.98	---	48.55
MW-SF-2	07/21/09	78.53	---	29.85	---	48.68
MW-SF-2	10/19/09	78.53	---	NM	---	NC
MW-SF-2	12/09/09	78.53	---	31.45	---	47.08
MW-SF-2	10/04/10	78.53	30.75	30.96	0.21	47.74
MW-SF-2	01/10/11	78.53	32.50	32.62	0.12	46.01
MW-SF-2	04/11/11	78.53	---	29.83	---	48.70
MW-SF-2	07/11/11	78.53	---	NM	---	NC
MW-SF-2	10/10/11	78.53	---	29.82	---	48.71
MW-SF-2	01/09/12	78.53	---	30.52	---	48.01
MW-SF-2	04/16/12	78.53	---	31.28	---	47.25
MW-SF-2	07/09/12	78.53	---	33.18	---	45.35
MW-SF-2	10/15/12	78.53	---	32.11	---	46.42
MW-SF-2	01/14/13	78.53	---	33.59	---	44.94
MW-SF-2	04/08/13	78.53	---	33.32	---	45.21
MW-SF-2	10/07/13	78.53	33.08	34.58	1.50	45.15
MW-SF-2	04/14/14	78.53	33.27	37.50	4.23	44.41
MW-SF-2	05/06/14	78.53	33.24	37.71	4.47	44.40
MW-SF-2	05/12/14	78.53	33.34	37.53	4.19	44.35
MW-SF-2	05/20/14	78.53	33.51	37.62	4.11	44.20
MW-SF-2	05/27/14	78.53	33.77	38.24	4.47	43.87

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-2	06/04/14	78.53	---	34.63	---	43.90
MW-SF-2	06/10/14	78.53	34.00	38.49	4.49	43.63
MW-SF-2	08/08/14	78.53	33.82	36.23	2.41	44.23
MW-SF-2	08/13/14	78.53	33.59	36.75	3.16	44.31
MW-SF-2	08/19/14	78.53	33.60	36.90	3.30	44.27
MW-SF-2	08/29/14	78.53	33.53	37.11	3.58	44.28
MW-SF-2	09/05/14	78.53	33.51	37.09	3.58	44.30
MW-SF-2	09/11/14	78.53	33.51	37.12	3.61	44.30
MW-SF-2	09/18/14	78.53	33.60	36.89	3.29	44.27
MW-SF-2	09/26/14	78.53	33.54	37.28	3.74	44.24
MW-SF-2	10/01/14	78.53	33.56	37.18	3.62	44.25
MW-SF-2	10/06/14	78.53	33.59	37.16	3.57	44.23
MW-SF-2	10/14/14	78.53	33.64	37.15	3.51	44.19
MW-SF-2	10/23/14	78.53	33.61	37.24	3.63	44.19
MW-SF-2	10/27/14	78.53	33.54	37.04	3.50	44.29
MW-SF-2	11/03/14	78.53	33.55	37.14	3.59	44.26
MW-SF-2	11/10/14	78.53	33.56	37.33	3.77	44.22
MW-SF-2	11/18/14	78.53	33.64	37.21	3.57	44.18
MW-SF-2	11/25/14	78.53	33.69	37.40	3.71	44.10
MW-SF-2	12/03/14	78.53	33.60	37.16	3.56	44.22
MW-SF-2	12/12/14	78.53	33.91	38.05	4.14	43.79
MW-SF-2	12/19/14	78.53	33.95	38.40	4.45	43.69
MW-SF-2	04/20/15	78.53	34.73	36.15	1.42	43.52
MW-SF-2	06/25/15	78.53	35.57	38.95	3.38	42.28
MW-SF-2	10/21/15	78.53	36.13	36.32	0.19	42.36
MW-SF-2	03/16/16	78.53	---	39.27	---	39.26
MW-SF-2	04/11/16	78.53	---	37.47	---	41.06
MW-SF-2	06/29/16	78.53	---	38.08	---	40.45
MW-SF-2	08/22/16	78.53	---	38.83	---	39.70
MW-SF-2	10/03/16	78.53	---	39.60	---	38.93
MW-SF-2	10/03/16	78.53	---	39.60	---	38.93
MW-SF-2	04/17/17	78.53	---	35.78	---	42.75
MW-SF-2	10/02/17	78.53	---	39.68	---	38.85
MW-SF-2	04/16/18	78.53	---	39.47	---	39.06
MW-SF-2	11/05/18	78.53	---	39.55	---	38.98
MW-SF-2	04/16/19	78.53	---	37.95	---	40.58
MW-SF-2	10/28/19	78.53	---	39.26	---	39.27
MW-SF-2	05/04/20	78.53	---	36.66	---	41.87
MW-SF-2	11/02/20	78.53	---	37.14	---	41.39
MW-SF-2	05/03/21	78.53	---	37.82	---	40.71
MW-SF-3	08/07/01	76.03	27.67	29.20	1.53	48.05
MW-SF-3	04/08/02	77.62	---	27.17	---	50.45
MW-SF-3	11/04/02	77.62	29.72	29.93	0.21	47.86
MW-SF-3	04/07/03	77.62	---	NM	---	NC
MW-SF-3	10/06/03	78.93	28.92	29.09	0.17	49.98
MW-SF-3	01/11/04	77.62	---	NM	---	NC
MW-SF-3	04/19/04	77.62	29.92	30.81	0.89	47.52
MW-SF-3	05/02/05	77.62	25.09	26.70	1.61	52.21
MW-SF-3	10/31/05	77.62	---	27.91	---	49.71
MW-SF-3	05/01/06	77.62	26.37	26.81	0.44	51.16

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-3	12/04/06	77.62	27.18	27.77	0.59	50.32
MW-SF-3	04/30/07	77.62	27.45	27.72	0.27	50.12
MW-SF-3	11/12/07	77.62	28.28	29.34	1.06	49.13
MW-SF-3	08/12/08	77.62	29.05	30.30	1.25	48.32
MW-SF-3	10/17/08	77.62	---	29.45	---	48.17
MW-SF-3	12/18/08	78.12	30.82	31.08	0.26	47.25
MW-SF-3	01/15/09	78.12	29.94	29.96	0.02	48.18
MW-SF-3	03/20/09	78.12	---	31.10	---	47.02
MW-SF-3	03/24/09	78.12	---	27.82	---	50.30
MW-SF-3	04/21/09	78.12	29.50	29.51	0.01	48.62
MW-SF-3	07/21/09	78.12	---	30.07	---	48.05
MW-SF-3	10/19/09	78.12	---	NM	---	NC
MW-SF-3	11/06/09	78.12	30.35	30.37	0.02	47.77
MW-SF-3	12/09/09	78.12	---	30.53	---	47.59
MW-SF-3	09/03/10	78.12	30.42	30.97	0.55	47.59
MW-SF-3	10/04/10	78.12	30.30	30.88	0.58	47.70
MW-SF-3	04/12/11	78.12	---	29.44	---	48.68
MW-SF-3	10/10/11	78.12	---	30.75	---	47.37
MW-SF-3	04/16/12	78.12	---	NM	---	NC
MW-SF-3	07/09/12	78.12	---	NM	---	NC
MW-SF-3	10/15/12	78.12	---	32.47	---	45.65
MW-SF-3	05/24/13	78.12	32.51	33.35	0.84	45.44
MW-SF-3	09/25/13	78.12	---	34.40	---	43.72
MW-SF-3	10/07/13	78.12	---	NM	---	NC
MW-SF-3	11/14/13	78.12	---	33.26	---	44.86
MW-SF-3	04/18/14	78.12	33.62	33.72	0.10	44.48
MW-SF-3	08/08/14	78.12	33.71	34.07	0.36	44.34
MW-SF-3	10/14/14	78.12	33.92	34.55	0.63	44.07
MW-SF-3	10/23/14	78.12	33.94	34.57	0.63	44.05
MW-SF-3	10/27/14	78.12	33.85	34.49	0.64	44.14
MW-SF-3	11/10/14	78.12	33.94	34.65	0.71	44.04
MW-SF-3	11/18/14	78.12	33.88	34.62	0.74	44.09
MW-SF-3	11/25/14	78.12	33.94	34.22	0.28	44.12
MW-SF-3	12/12/14	78.12	34.38	34.89	0.51	43.64
MW-SF-3	12/19/14	78.12	34.43	35.04	0.61	43.57
MW-SF-3	04/20/15	78.12	---	34.52	---	43.60
MW-SF-3	10/21/15	78.12	---	35.18	---	42.94
MW-SF-3	03/14/16	78.12	39.40	39.43	0.03	38.71
MW-SF-3	04/11/16	78.12	---	37.17	---	40.95
MW-SF-3	06/30/16	78.12	---	38.28	---	39.84
MW-SF-3	08/23/16	78.12	---	38.33	---	39.79
MW-SF-3	10/03/16	78.12	---	39.40	---	38.72
MW-SF-3	10/03/16	78.12	---	39.40	---	38.72
MW-SF-3	04/20/17	78.12	---	35.15	---	42.97
MW-SF-3	10/02/17	78.12	---	39.20	---	38.92
MW-SF-3	04/16/18	78.12	---	38.81	---	39.31
MW-SF-3	11/05/18	78.12	---	38.69	---	39.43
MW-SF-3	04/16/19	78.12	---	NM	---	NC
MW-SF-3	10/28/19	78.12	---	38.77	---	39.35
MW-SF-3	05/04/20	78.12	---	36.19	---	41.93

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-3	11/02/20	78.12	---	36.55	---	41.57
MW-SF-3	05/03/21	78.12	---	37.51	---	40.61
MW-SF-4	11/20/96	79.38	32.17	35.90	3.73	46.45
MW-SF-4	07/01/97	79.38	31.85	36.92	5.07	46.49
MW-SF-4	12/31/97	79.38	32.10	33.89	1.79	46.91
MW-SF-4	05/01/98	79.38	28.27	29.99	1.72	50.76
MW-SF-4	08/09/99	79.38	---	NM	---	NC
MW-SF-4	11/15/99	79.38	---	NM	---	NC
MW-SF-4	11/19/99	79.38	28.80	36.87	8.07	48.93
MW-SF-4	05/15/00	79.38	---	DRY	---	NC
MW-SF-4	11/13/00	79.38	---	DRY	---	NC
MW-SF-4	05/07/01	79.38	---	24.62	---	54.76
MW-SF-4	05/10/01	79.38	---	24.61	---	54.77
MW-SF-4	11/05/01	79.38	---	30.05	---	49.33
MW-SF-4	04/08/02	79.38	---	28.46	---	50.92
MW-SF-4	10/21/02	79.38	---	31.50	---	47.88
MW-SF-4	04/07/03	79.38	---	NM	---	NC
MW-SF-4	07/30/03	79.38	31.89	31.92	0.03	47.48
MW-SF-4	10/06/03	79.38	---	30.82	---	48.56
MW-SF-4	01/11/04	79.38	---	NM	---	NC
MW-SF-4	01/27/04	79.38	31.30	31.94	0.64	47.95
MW-SF-4	04/19/04	79.38	31.65	32.70	1.05	47.51
MW-SF-4	07/19/04	79.38	31.42	31.81	0.39	47.88
MW-SF-4	02/01/05	79.38	30.34	30.71	0.37	48.96
MW-SF-4	05/02/05	79.38	26.85	27.00	0.15	52.50
MW-SF-4	08/01/05	79.38	27.43	27.81	0.34	51.84
MW-SF-4	10/31/05	79.38	---	27.11	---	52.27
MW-SF-4	02/27/06	79.38	28.20	28.39	0.19	51.14
MW-SF-4	05/01/06	79.38	28.34	28.56	0.22	50.99
MW-SF-4	09/18/06	79.38	29.56	29.94	0.38	49.74
MW-SF-4	12/04/06	79.38	---	26.98	---	52.40
MW-SF-4	03/12/07	79.38	29.41	30.01	0.60	49.85
MW-SF-4	04/30/07	79.38	29.11	29.96	0.85	50.10
MW-SF-4	08/14/07	79.38	28.38	30.34	1.96	50.60
MW-SF-4	08/28/07	79.38	28.30	29.95	1.65	50.74
MW-SF-4	09/11/07	79.38	28.43	29.98	1.55	50.63
MW-SF-4	10/05/07	79.38	28.85	30.68	1.83	50.15
MW-SF-4	10/12/07	79.38	29.96	30.27	0.31	49.36
MW-SF-4	10/19/07	79.38	---	30.28	---	49.10
MW-SF-4	10/26/07	79.38	---	30.52	---	48.86
MW-SF-4	11/02/07	79.38	---	30.68	---	48.70
MW-SF-4	11/12/07	79.38	29.69	29.70	0.01	49.69
MW-SF-4	12/21/07	79.38	---	30.69	---	48.69
MW-SF-4	02/19/08	79.38	---	30.22	---	49.16
MW-SF-4	03/21/08	79.38	---	30.07	---	49.31
MW-SF-4	04/14/08	79.38	---	29.95	---	49.43
MW-SF-4	08/08/08	79.38	---	30.51	---	48.87
MW-SF-4	08/11/08	79.38	---	30.57	---	48.81
MW-SF-4	10/16/08	79.38	---	30.77	---	48.61
MW-SF-4	01/15/09	79.38	---	31.14	---	48.24

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-4	02/20/09	79.38	---	30.84	---	48.54
MW-SF-4	02/23/09	79.38	---	30.96	---	48.42
MW-SF-4	04/20/09	79.38	29.94	30.02	0.08	49.42
MW-SF-4	04/28/09	79.38	---	30.78	---	48.60
MW-SF-4	07/17/09	79.38	---	31.85	---	47.53
MW-SF-4	07/20/09	79.38	31.61	31.65	0.04	47.76
MW-SF-4	07/22/09	79.38	31.61	31.65	0.04	47.76
MW-SF-4	10/19/09	79.38	31.90	31.93	0.03	47.47
MW-SF-4	03/15/10	79.38	31.91	31.95	0.04	47.46
MW-SF-4	05/24/10	79.38	---	31.60	---	47.78
MW-SF-4	05/28/10	79.38	---	26.40	---	52.98
MW-SF-4	06/22/10	79.38	---	31.63	---	47.75
MW-SF-4	07/12/10	79.38	---	31.37	---	48.01
MW-SF-4	10/04/10	79.38	---	31.81	---	47.57
MW-SF-4	01/10/11	79.38	---	32.99	---	46.39
MW-SF-4	04/11/11	79.38	---	30.85	---	48.53
MW-SF-4	07/11/11	79.38	---	30.35	---	49.03
MW-SF-4	10/10/11	79.38	---	NM	---	NC
MW-SF-4	01/09/12	79.38	---	32.07	---	47.31
MW-SF-4	04/16/12	79.38	---	33.35	---	46.03
MW-SF-4	07/09/12	79.38	---	32.11	---	47.27
MW-SF-4	10/15/12	79.38	---	34.04	---	45.34
MW-SF-4	01/14/13	79.38	---	34.52	---	44.86
MW-SF-4	04/08/13	79.38	---	DRY	---	NC
MW-SF-4	10/07/13	79.38	---	DRY	---	NC
MW-SF-4	04/25/14	79.38	34.23	40.03	5.80	43.96
MW-SF-4	05/06/14	79.38	33.91	39.78	5.87	44.27
MW-SF-4	05/12/14	79.38	34.64	37.02	2.38	44.25
MW-SF-4	05/20/14	79.38	35.60	36.60	1.00	43.58
MW-SF-4	05/27/14	79.38	35.45	36.12	0.67	43.79
MW-SF-4	06/04/14	79.38	35.91	36.54	0.63	43.34
MW-SF-4	06/10/14	79.38	35.38	37.02	1.64	43.66
MW-SF-4	07/03/14	79.38	35.63	36.98	1.35	43.47
MW-SF-4	07/08/14	79.38	35.34	36.78	1.44	43.74
MW-SF-4	07/18/14	79.38	35.55	35.88	0.33	43.76
MW-SF-4	07/24/14	79.38	35.42	35.98	0.56	43.85
MW-SF-4	08/01/14	79.38	35.30	35.57	0.27	44.02
MW-SF-4	08/14/14	79.38	35.23	35.42	0.19	44.11
MW-SF-4	08/19/14	79.38	35.21	35.36	0.15	44.14
MW-SF-4	08/29/14	79.38	35.20	35.32	0.12	44.16
MW-SF-4	09/18/14	79.38	35.30	35.55	0.25	44.03
MW-SF-4	09/26/14	79.38	35.30	35.56	0.26	44.03
MW-SF-4	10/01/14	79.38	35.24	35.56	0.32	44.07
MW-SF-4	10/06/14	79.38	35.22	35.48	0.26	44.11
MW-SF-4	10/14/14	79.38	35.20	35.33	0.13	44.15
MW-SF-4	10/23/14	79.38	35.22	35.51	0.29	44.10
MW-SF-4	10/27/14	79.38	35.25	35.54	0.29	44.07
MW-SF-4	11/18/14	79.38	35.25	35.56	0.31	44.07
MW-SF-4	11/25/14	79.38	35.32	35.66	0.34	43.99
MW-SF-4	12/12/14	79.38	35.58	35.81	0.23	43.75

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-4	12/19/14	79.38	35.62	35.75	0.13	43.73
MW-SF-4	04/20/15	79.38	35.29	37.78	2.49	43.58
MW-SF-4	05/19/15	79.38	35.28	39.22	3.94	43.29
MW-SF-4	05/29/15	79.38	35.80	37.10	1.30	43.31
MW-SF-4	06/05/15	79.38	36.15	36.85	0.70	43.09
MW-SF-4	06/12/15	79.38	36.15	36.55	0.40	43.15
MW-SF-4	06/19/15	79.38	36.42	36.68	0.26	42.91
MW-SF-4	06/26/15	79.38	36.96	37.23	0.27	42.36
MW-SF-4	10/19/15	79.38	36.25	38.12	1.87	42.75
MW-SF-4	11/17/15	79.38	35.98	37.83	1.85	43.02
MW-SF-4	03/14/16	79.38	---	40.80	---	38.58
MW-SF-4	04/11/16	79.38	---	37.76	---	41.62
MW-SF-4	06/29/16	79.38	---	39.54	---	39.84
MW-SF-4	08/22/16	79.38	---	39.76	---	39.62
MW-SF-4	10/03/16	79.38	---	41.05	---	38.33
MW-SF-4	10/03/16	79.38	---	41.05	---	38.33
MW-SF-4	04/17/17	79.38	---	36.67	---	42.71
MW-SF-4	10/02/17	79.38	---	40.07	---	39.31
MW-SF-4	04/16/18	79.38	---	39.90	---	39.48
MW-SF-4	11/05/18	79.38	---	39.78	---	39.60
MW-SF-4	04/16/19	79.38	---	38.45	---	40.93
MW-SF-4	10/28/19	79.38	---	39.75	---	39.63
MW-SF-4	05/04/20	79.38	---	37.13	---	42.25
MW-SF-4	11/02/20	79.38	---	37.46	---	41.92
MW-SF-4	05/03/21	79.38	---	38.30	---	41.08
MW-SF-5	08/07/01	75.63	---	30.33	---	45.30
MW-SF-5	04/08/02	79.74	---	26.42	---	53.32
MW-SF-5	11/04/02	79.74	31.77	31.79	0.02	47.97
MW-SF-5	04/07/03	79.74	---	NM	---	NC
MW-SF-5	10/06/03	79.74	31.14	31.15	0.01	48.60
MW-SF-5	01/11/04	79.74	---	NM	---	NC
MW-SF-5	04/19/04	79.74	---	32.22	---	47.52
MW-SF-5	05/02/05	79.74	---	27.50	---	52.24
MW-SF-5	10/31/05	79.74	---	27.99	---	51.75
MW-SF-5	05/01/06	79.74	---	28.42	---	51.32
MW-SF-5	12/04/06	79.74	---	28.23	---	51.51
MW-SF-5	04/30/07	79.74	---	29.54	---	50.20
MW-SF-5	08/21/07	79.74	---	28.36	---	51.38
MW-SF-5	08/28/07	79.74	---	28.84	---	50.90
MW-SF-5	10/05/07	79.74	---	29.50	---	50.24
MW-SF-5	11/02/07	79.74	---	31.50	---	48.24
MW-SF-5	11/12/07	79.74	---	29.93	---	49.81
MW-SF-5	12/21/07	79.74	---	31.00	---	48.74
MW-SF-5	04/14/08	79.74	---	30.20	---	49.54
MW-SF-5	08/11/08	79.74	---	30.85	---	48.89
MW-SF-5	10/13/08	79.74	---	30.93	---	48.81
MW-SF-5	04/20/09	79.74	---	30.99	---	48.75
MW-SF-5	10/19/09	79.74	---	NM	---	NC
MW-SF-5	05/24/10	79.74	---	31.55	---	48.19
MW-SF-5	05/28/10	79.74	---	31.44	---	48.30

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-5	06/22/10	79.74	---	31.57	---	48.17
MW-SF-5	10/04/10	79.74	---	31.39	---	48.35
MW-SF-5	01/10/11	79.74	---	33.80	---	45.94
MW-SF-5	04/11/11	79.74	---	31.03	---	48.71
MW-SF-5	07/11/11	79.74	---	NM	---	NC
MW-SF-5	10/10/11	79.74	---	31.28	---	48.46
MW-SF-5	01/09/12	79.74	---	32.12	---	47.62
MW-SF-5	04/16/12	79.74	---	33.30	---	46.44
MW-SF-5	07/09/12	79.74	---	34.45	---	45.29
MW-SF-5	10/15/12	79.74	---	33.28	---	46.46
MW-SF-5	01/14/13	79.74	---	33.37	---	46.37
MW-SF-5	04/08/13	79.74	---	34.28	---	45.46
MW-SF-5	10/07/13	79.74	---	34.58	---	45.16
MW-SF-5	04/14/14	79.74	---	35.33	---	44.41
MW-SF-5	10/27/14	79.74	---	35.48	---	44.26
MW-SF-5	04/20/15	79.74	---	36.05	---	43.69
MW-SF-5	10/19/15	79.74	---	36.82	---	42.92
MW-SF-5	03/14/16	79.74	---	DRY	---	NC
MW-SF-5	04/11/16	79.74	---	DRY	---	NC
MW-SF-5	06/29/16	79.74	---	DRY	---	NC
MW-SF-5	08/22/16	79.74	---	DRY	---	NC
MW-SF-5	10/03/16	79.74	---	DRY	---	NC
MW-SF-5	10/03/16	79.74	---	DRY	---	NC
MW-SF-5	04/17/17	79.74	---	36.88	---	42.86
MW-SF-5	10/02/17	79.74	---	DRY	---	NC
MW-SF-5	04/16/18	79.74	---	DRY	---	NC
MW-SF-5	11/05/18	79.74	---	DRY	---	NC
MW-SF-5	04/16/19	79.74	---	DRY	---	NC
MW-SF-5	10/28/19	79.74	---	DRY	---	NC
MW-SF-5	05/04/20	79.74	---	37.86	---	41.88
MW-SF-5	11/02/20	79.74	---	DRY	---	NC
MW-SF-5	05/03/21	79.74	---	DRY	---	DRY
MW-SF-6	11/20/96	80.59	31.88	39.82	7.94	47.12
MW-SF-6	07/01/97	80.59	33.20	39.18	5.98	46.19
MW-SF-6	12/31/97	80.59	34.38	39.94	5.56	45.10
MW-SF-6	05/01/98	80.59	24.82	30.01	5.19	54.73
MW-SF-6	08/09/99	80.59	---	NM	---	NC
MW-SF-6	11/15/99	80.59	---	NM	---	NC
MW-SF-6	05/15/00	80.59	29.67	31.19	1.52	50.62
MW-SF-6	11/13/00	80.59	---	NM	---	NC
MW-SF-6	05/07/01	80.59	---	NM	---	NC
MW-SF-6	08/07/01	80.59	---	NM	---	NC
MW-SF-6	11/05/01	80.59	---	NM	---	NC
MW-SF-6	04/07/03	79.96	---	NM	---	NC
MW-SF-6	10/06/03	79.96	---	NM	---	NC
MW-SF-6	01/11/04	79.96	---	NM	---	NC
MW-SF-6	04/19/04	79.96	---	NM	---	NC
MW-SF-6	05/02/05	79.96	---	NM	---	NC
MW-SF-6	10/31/05	79.96	---	NM	---	NC
MW-SF-6	05/01/06	79.96	---	25.43	---	54.53

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-6	04/30/07	79.96	27.20	27.44	0.24	52.71
MW-SF-6	11/12/07	79.96	---	27.14	---	52.82
MW-SF-6	08/12/08	79.96	---	29.82	---	50.14
MW-SF-6	10/17/08	79.96	---	29.75	---	50.21
MW-SF-6	12/18/08	76.80	---	30.73	---	46.07
MW-SF-6	01/15/09	76.80	---	31.35	---	45.45
MW-SF-6	03/24/09	76.80	---	30.50	---	46.30
MW-SF-6	04/21/09	76.80	---	28.45	---	48.35
MW-SF-6	07/21/09	76.80	---	27.22	---	49.58
MW-SF-6	10/19/09	76.80	---	NM	---	NC
MW-SF-6	11/06/09	76.80	---	29.10	---	47.70
MW-SF-6	12/09/09	76.80	---	31.35	---	45.45
MW-SF-6	10/04/10	76.80	---	29.09	---	47.71
MW-SF-6	01/10/11	76.80	---	30.87	---	45.93
MW-SF-6	04/11/11	76.80	---	28.16	---	48.64
MW-SF-6	07/11/11	76.80	---	NM	---	NC
MW-SF-6	10/10/11	76.80	---	28.21	---	48.59
MW-SF-6	01/09/12	76.80	---	29.03	---	47.77
MW-SF-6	04/16/12	76.80	---	29.66	---	47.14
MW-SF-6	07/09/12	76.80	---	31.46	---	45.34
MW-SF-6	10/15/12	76.80	---	31.44	---	45.36
MW-SF-6	01/14/13	76.80	---	31.53	---	45.27
MW-SF-6	04/08/13	76.80	28.81	30.21	1.40	47.71
MW-SF-6	10/07/13	76.80	---	NM	---	NC
MW-SF-6	11/14/13	76.80	---	31.90	---	44.90
MW-SF-6	04/18/14	76.80	32.15	33.30	1.15	44.42
MW-SF-6	08/08/14	76.80	33.31	34.50	1.19	43.25
MW-SF-6	08/13/14	76.80	32.54	32.95	0.41	44.18
MW-SF-6	08/19/14	76.80	32.62	32.87	0.25	44.13
MW-SF-6	08/29/14	76.80	32.56	32.79	0.23	44.19
MW-SF-6	09/05/14	76.80	32.59	32.81	0.22	44.17
MW-SF-6	09/18/14	76.80	32.65	32.95	0.30	44.09
MW-SF-6	09/26/14	76.80	32.61	32.94	0.33	44.12
MW-SF-6	10/01/14	76.80	32.60	32.91	0.31	44.14
MW-SF-6	10/06/14	76.80	32.61	32.90	0.29	44.13
MW-SF-6	10/14/14	76.80	33.60	33.72	0.12	43.18
MW-SF-6	10/23/14	76.80	33.94	34.57	0.63	42.73
MW-SF-6	10/27/14	76.80	32.58	32.92	0.34	44.15
MW-SF-6	11/18/14	76.80	32.62	32.99	0.37	44.11
MW-SF-6	11/25/14	76.80	32.58	32.66	0.08	44.20
MW-SF-6	12/12/14	76.80	33.07	33.45	0.38	43.65
MW-SF-6	12/19/14	76.80	33.15	33.60	0.45	43.56
MW-SF-6	04/20/15	76.80	33.11	33.23	0.12	43.67
MW-SF-6	10/21/15	76.80	---	34.28	---	42.52
MW-SF-6	03/14/16	76.80	38.08	38.10	0.02	38.72
MW-SF-6	04/11/16	76.80	---	35.83	---	40.97
MW-SF-6	06/29/16	76.80	---	36.89	---	39.91
MW-SF-6	08/22/16	76.80	---	37.11	---	39.69
MW-SF-6	10/03/16	76.80	---	38.45	---	38.35
MW-SF-6	10/03/16	76.80	---	38.45	---	38.35

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-6	04/17/17	76.80	---	34.03	---	42.77
MW-SF-6	10/02/17	76.80	---	37.89	---	38.91
MW-SF-6	04/16/18	76.80	---	37.65	---	39.15
MW-SF-6	11/05/18	76.80	---	37.70	---	39.10
MW-SF-6	04/16/19	76.80	---	36.13	---	40.67
MW-SF-6	10/28/19	76.80	---	37.41	---	39.39
MW-SF-6	05/04/20	76.80	---	34.90	---	41.90
MW-SF-6	11/02/20	76.80	---	35.35	---	41.45
MW-SF-6	05/03/21	76.80	---	35.86	---	40.94
MW-SF-9	11/19/99	74.10	---	25.57	---	48.53
MW-SF-9	11/05/01	74.10	---	32.11	---	41.99
MW-SF-9	04/08/02	74.10	---	31.62	---	42.48
MW-SF-9	04/07/03	74.10	---	NM	---	NC
MW-SF-9	07/30/03	74.10	---	25.12	---	48.98
MW-SF-9	10/06/03	74.10	---	25.23	---	48.87
MW-SF-9	01/11/04	74.10	26.00	26.02	0.02	48.10
MW-SF-9	04/19/04	74.10	26.20	26.23	0.03	47.89
MW-SF-9	05/02/05	74.10	---	20.41	---	53.69
MW-SF-9	10/31/05	74.10	---	27.09	---	47.01
MW-SF-9	05/01/06	74.10	---	22.57	---	51.53
MW-SF-9	12/04/06	74.10	---	23.30	---	50.80
MW-SF-9	04/30/07	74.10	---	22.66	---	51.44
MW-SF-9	08/14/07	74.10	28.61	28.73	0.12	45.47
MW-SF-9	08/21/07	74.10	---	26.55	---	47.55
MW-SF-9	08/28/07	74.10	---	20.55	---	53.55
MW-SF-9	09/11/07	74.10	---	19.40	---	54.70
MW-SF-9	10/05/07	74.10	---	26.84	---	47.26
MW-SF-9	11/02/07	74.10	---	22.76	---	51.34
MW-SF-9	11/12/07	74.10	---	22.96	---	51.14
MW-SF-9	12/21/07	74.10	---	24.05	---	50.05
MW-SF-9	04/14/08	74.10	---	24.23	---	49.87
MW-SF-9	10/13/08	74.10	---	24.83	---	49.27
MW-SF-9	04/20/09	74.10	---	25.27	---	48.83
MW-SF-9	10/19/09	74.10	---	26.45	---	47.65
MW-SF-9	05/24/10	74.10	---	25.80	---	48.30
MW-SF-9	05/28/10	74.10	---	25.66	---	48.44
MW-SF-9	06/22/10	74.10	---	25.84	---	48.26
MW-SF-9	10/04/10	74.10	---	26.10	---	48.00
MW-SF-9	01/10/11	74.10	---	27.41	---	46.69
MW-SF-9	04/11/11	74.10	---	24.16	---	49.94
MW-SF-9	07/11/11	74.10	---	NM	---	NC
MW-SF-9	10/10/11	74.10	---	25.02	---	49.08
MW-SF-9	01/09/12	74.10	---	25.98	---	48.12
MW-SF-9	04/16/12	74.10	---	25.92	---	48.18
MW-SF-9	07/09/12	74.10	---	26.44	---	47.66
MW-SF-9	10/15/12	74.10	---	NM	---	NC
MW-SF-9	04/08/13	74.10	---	DRY	---	NC
MW-SF-9	06/06/13	74.10	---	28.53	---	45.57
MW-SF-9	10/07/13	74.10	---	28.95	---	45.15
MW-SF-9	04/25/14	74.10	27.95	34.75	6.80	44.89

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-9	05/05/14	74.10	31.76	37.81	6.05	41.22
MW-SF-9	05/12/14	74.10	29.11	32.32	3.21	44.40
MW-SF-9	05/20/14	74.10	29.95	30.75	0.80	44.00
MW-SF-9	05/27/14	74.10	32.32	38.08	5.76	40.71
MW-SF-9	06/04/14	74.10	28.61	32.19	3.58	44.83
MW-SF-9	06/10/14	74.10	28.85	36.27	7.42	43.88
MW-SF-9	07/03/14	74.10	32.59	39.26	6.67	40.28
MW-SF-9	07/08/14	74.10	28.60	36.40	7.80	44.06
MW-SF-9	07/18/14	74.10	29.66	31.04	1.38	44.18
MW-SF-9	07/24/14	74.10	29.85	31.15	1.30	44.01
MW-SF-9	08/01/14	74.10	29.85	30.25	0.40	44.18
MW-SF-9	08/14/14	74.10	29.82	30.13	0.31	44.22
MW-SF-9	08/19/14	74.10	29.85	30.08	0.23	44.21
MW-SF-9	08/29/14	74.10	29.81	30.10	0.29	44.24
MW-SF-9	09/05/14	74.10	29.84	30.13	0.29	44.21
MW-SF-9	09/11/14	74.10	28.47	29.49	1.02	45.44
MW-SF-9	09/18/14	74.10	29.90	30.29	0.39	44.13
MW-SF-9	09/26/14	74.10	29.84	30.25	0.41	44.18
MW-SF-9	10/01/14	74.10	29.84	30.24	0.40	44.19
MW-SF-9	10/06/14	74.10	29.83	30.24	0.41	44.19
MW-SF-9	10/14/14	74.10	29.81	30.12	0.31	44.23
MW-SF-9	10/23/14	74.10	29.85	30.27	0.42	44.17
MW-SF-9	10/27/14	74.10	29.89	30.29	0.40	44.14
MW-SF-9	11/18/14	74.10	29.86	30.35	0.49	44.15
MW-SF-9	11/25/14	74.10	29.91	30.42	0.51	44.10
MW-SF-9	12/12/14	74.10	30.10	30.65	0.55	43.90
MW-SF-9	12/19/14	74.10	30.13	30.80	0.67	43.85
MW-SF-9	04/20/15	74.10	27.67	36.69	9.02	44.76
MW-SF-9	05/19/15	74.10	26.83	35.68	8.85	45.63
MW-SF-9	05/21/15	74.10	27.31	32.50	5.19	45.83
MW-SF-9	05/29/15	74.10	30.10	32.95	2.85	43.47
MW-SF-9	06/02/15	74.10	30.45	31.67	1.22	43.42
MW-SF-9	06/05/15	74.10	30.60	31.85	1.25	43.27
MW-SF-9	06/12/15	74.10	30.75	31.28	0.53	43.25
MW-SF-9	06/19/15	74.10	31.00	31.30	0.30	43.04
MW-SF-9	06/26/15	74.10	29.50	31.20	1.70	44.29
MW-SF-9	08/11/15	74.10	29.90	36.90	7.00	42.90
MW-SF-9	08/18/15	74.10	30.25	35.19	4.94	42.94
MW-SF-9	08/28/15	74.10	30.75	31.60	0.85	43.19
MW-SF-9	09/01/15	74.10	30.90	31.78	0.88	43.04
MW-SF-9	10/16/15	74.10	31.09	31.60	0.51	42.92
MW-SF-9	10/19/15	74.10	31.04	31.44	0.40	42.99
MW-SF-9	10/30/15	74.10	32.06	32.60	0.54	41.94
MW-SF-9	11/17/15	74.10	31.68	31.71	0.03	42.41
MW-SF-9	03/14/16	74.10	---	34.14	---	39.96
MW-SF-9	04/11/16	74.10	---	32.89	---	41.21
MW-SF-9	06/29/16	74.10	---	34.00	---	40.10
MW-SF-9	08/22/16	74.10	---	NM	---	NC
MW-SF-9	10/03/16	74.10	---	NM	---	NC
MW-SF-9	04/17/17	74.10	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-11	10/19/09	78.56	---	NM	---	NC
MW-SF-11	11/09/09	78.56	---	31.00	---	47.56
MW-SF-11	09/03/10	78.56	---	31.22	---	47.34
MW-SF-11	10/04/10	78.56	---	30.94	---	47.62
MW-SF-11	04/12/11	78.56	---	30.82	---	47.74
MW-SF-11	10/10/11	78.56	---	30.10	---	48.46
MW-SF-11	04/16/12	78.56	---	NM	---	NC
MW-SF-11	07/09/12	78.56	---	NM	---	NC
MW-SF-11	10/15/12	78.56	---	33.28	---	45.28
MW-SF-11	04/08/13	78.56	---	33.11	---	45.45
MW-SF-11	10/07/13	78.56	---	33.91	---	44.65
MW-SF-11	04/14/14	78.56	34.95	35.20	0.25	43.56
MW-SF-11	05/05/14	78.56	33.71	36.52	2.81	44.29
MW-SF-11	05/12/14	78.56	33.87	35.45	1.58	44.37
MW-SF-11	05/27/14	78.56	34.65	35.38	0.73	43.76
MW-SF-11	06/04/14	78.56	35.32	35.40	0.08	43.22
MW-SF-11	08/08/14	78.56	33.11	36.22	3.11	44.83
MW-SF-11	08/13/14	78.56	33.47	36.22	2.75	44.54
MW-SF-11	08/19/14	78.56	33.94	36.46	2.52	44.12
MW-SF-11	08/29/14	78.56	33.83	36.68	2.85	44.16
MW-SF-11	09/05/14	78.56	33.80	36.62	2.82	44.20
MW-SF-11	09/11/14	78.56	33.78	37.15	3.37	44.11
MW-SF-11	09/18/14	78.56	33.93	36.79	2.86	44.06
MW-SF-11	09/26/14	78.56	33.88	36.89	3.01	44.08
MW-SF-11	10/01/14	78.56	33.32	34.95	1.63	44.91
MW-SF-11	10/06/14	78.56	33.95	36.36	2.41	44.13
MW-SF-11	10/14/14	78.56	33.86	36.67	2.81	44.14
MW-SF-11	10/23/14	78.56	33.86	36.86	3.00	44.10
MW-SF-11	10/27/14	78.56	33.99	36.20	2.21	44.13
MW-SF-11	11/03/14	78.56	33.84	36.91	3.07	44.11
MW-SF-11	11/18/14	78.56	33.95	36.78	2.83	44.04
MW-SF-11	11/25/14	78.56	34.03	36.65	2.62	44.01
MW-SF-11	12/03/14	78.56	33.94	36.71	2.77	44.07
MW-SF-11	12/12/14	78.56	34.08	37.29	3.21	43.84
MW-SF-11	12/19/14	78.56	34.04	38.03	3.99	43.72
MW-SF-11	03/17/15	78.56	35.50	35.94	0.44	42.97
MW-SF-11	04/20/15	78.56	34.86	38.89	4.03	42.89
MW-SF-11	10/20/15	78.56	35.38	37.42	2.04	42.77
MW-SF-11	03/16/16	78.56	---	39.56	---	39.00
MW-SF-11	04/11/16	78.56	---	37.62	---	40.94
MW-SF-11	06/29/16	78.56	---	37.06	---	41.50
MW-SF-11	08/22/16	78.56	---	39.25	---	39.31
MW-SF-11	10/03/16	78.56	---	40.05	---	38.51
MW-SF-11	10/03/16	78.56	---	40.05	---	38.51
MW-SF-11	04/17/17	78.56	---	35.91	---	42.65
MW-SF-11	10/02/17	78.56	---	40.09	---	38.47
MW-SF-11	04/16/18	78.56	---	39.90	---	38.66
MW-SF-11	11/05/18	78.56	---	39.52	---	39.04
MW-SF-11	11/05/18	78.56	---	34.52	---	44.04
MW-SF-11	04/16/19	78.56	---	38.52	---	40.04

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-11	10/28/19	78.56	---	39.13	---	39.43
MW-SF-11	05/04/20	78.56	---	36.95	---	41.61
MW-SF-11	11/02/20	78.56	---	37.18	---	41.38
MW-SF-11	05/03/21	78.56	---	37.38	---	41.18
MW-SF-12	08/14/07	78.07	---	27.76	---	50.31
MW-SF-12	08/21/07	78.07	---	27.43	---	50.64
MW-SF-12	08/28/07	78.07	---	27.58	---	50.49
MW-SF-12	09/11/07	78.07	---	27.73	---	50.34
MW-SF-12	10/05/07	78.07	---	28.06	---	50.01
MW-SF-12	11/02/07	78.07	---	29.59	---	48.48
MW-SF-12	11/12/07	78.07	---	28.33	---	49.74
MW-SF-12	08/12/08	78.07	---	30.02	---	48.05
MW-SF-12	10/17/08	78.07	---	30.42	---	47.65
MW-SF-12	12/18/08	78.07	---	31.55	---	46.52
MW-SF-12	01/15/09	78.07	---	30.11	---	47.96
MW-SF-12	03/24/09	78.07	---	29.41	---	48.66
MW-SF-12	04/21/09	78.07	---	29.52	---	48.55
MW-SF-12	07/21/09	78.07	---	28.58	---	49.49
MW-SF-12	10/19/09	78.07	---	NM	---	NC
MW-SF-12	11/04/09	78.07	---	30.36	---	47.71
MW-SF-12	02/04/10	78.07	---	29.20	---	48.87
MW-SF-12	10/04/10	78.07	---	30.70	---	47.37
MW-SF-12	04/11/11	78.07	---	29.47	---	48.60
MW-SF-12	10/10/11	78.07	---	26.60	---	51.47
MW-SF-12	04/16/12	78.07	---	31.40	---	46.67
MW-SF-12	07/09/12	78.07	---	NM	---	NC
MW-SF-12	10/15/12	78.07	---	32.12	---	45.95
MW-SF-12	04/08/13	78.07	---	DRY	---	NC
MW-SF-12	10/07/13	78.07	---	NM	---	NC
MW-SF-12	04/14/14	78.07	32.67	38.04	5.37	44.33
MW-SF-12	05/20/14	78.07	32.90	37.80	4.90	44.19
MW-SF-12	05/27/14	78.07	---	33.27	---	44.80
MW-SF-12	06/04/14	78.07	---	32.78	---	45.29
MW-SF-12	06/10/14	78.07	---	33.76	---	44.31
MW-SF-12	07/03/14	78.07	33.58	NM	---	NC
MW-SF-12	07/24/14	78.07	33.35	NM	3.97	NC
MW-SF-12	08/01/14	78.07	33.17	37.20	4.03	44.09
MW-SF-12	09/05/14	78.07	32.93	38.52	5.59	44.02
MW-SF-12	09/11/14	78.07	32.98	38.56	5.58	43.97
MW-SF-12	09/18/14	78.07	33.09	38.25	5.16	43.95
MW-SF-12	09/26/14	78.07	33.03	38.03	5.00	44.04
MW-SF-12	10/01/14	78.07	33.08	37.82	4.74	44.04
MW-SF-12	10/06/14	78.07	33.07	37.63	4.56	44.09
MW-SF-12	10/14/14	78.07	33.13	37.56	4.43	44.05
MW-SF-12	10/23/14	78.07	33.06	37.56	4.50	44.11
MW-SF-12	10/27/14	78.07	33.08	37.40	4.32	44.13
MW-SF-12	11/03/14	78.07	33.09	37.48	4.39	44.10
MW-SF-12	11/18/14	78.07	33.15	37.44	4.29	44.06
MW-SF-12	11/25/14	78.07	33.21	37.35	4.14	44.03
MW-SF-12	12/03/14	78.07	33.12	37.31	4.19	44.11

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-12	12/12/14	78.07	33.45	37.92	4.47	43.73
MW-SF-12	12/19/14	78.07	33.50	38.25	4.75	43.62
MW-SF-12	03/17/15	78.07	34.05	36.42	2.37	43.55
MW-SF-12	04/20/15	78.07	34.05	36.42	2.37	43.55
MW-SF-12	10/20/15	78.07	34.84	36.78	1.94	42.84
MW-SF-12	03/16/16	78.07	---	39.03	---	39.04
MW-SF-12	04/11/16	78.07	---	37.13	---	40.94
MW-SF-12	06/29/16	78.07	38.28	38.34	0.06	39.78
MW-SF-12	08/22/16	78.07	---	38.60	---	39.47
MW-SF-12	10/03/16	78.07	---	39.45	---	38.62
MW-SF-12	10/03/16	78.07	---	39.45	---	38.62
MW-SF-12	04/17/17	78.07	---	35.12	---	42.95
MW-SF-12	10/02/17	78.07	---	39.31	---	38.76
MW-SF-12	04/16/18	78.07	---	39.09	---	38.98
MW-SF-12	11/05/18	78.07	---	38.96	---	39.11
MW-SF-12	04/16/19	78.07	---	37.53	---	40.54
MW-SF-12	10/28/19	78.07	---	38.78	---	39.29
MW-SF-12	05/04/20	78.07	---	36.36	---	41.71
MW-SF-12	11/02/20	78.07	---	36.53	---	41.54
MW-SF-12	05/03/21	78.07	---	36.19	---	41.88
MW-SF-13	08/14/07	73.40	---	22.98	---	50.42
MW-SF-13	08/21/07	73.40	---	23.11	---	50.29
MW-SF-13	08/28/07	73.40	---	22.85	---	50.55
MW-SF-13	09/11/07	73.40	---	23.10	---	50.30
MW-SF-13	10/05/07	73.40	---	28.11	---	45.29
MW-SF-13	11/02/07	73.40	25.41	25.43	0.02	47.99
MW-SF-13	11/12/07	73.40	---	23.70	---	49.70
MW-SF-13	12/21/07	73.40	24.42	24.45	0.03	48.97
MW-SF-13	08/15/08	73.40	24.11	27.38	3.27	48.47
MW-SF-13	10/17/08	73.40	24.33	27.28	2.95	48.33
MW-SF-13	10/21/08	73.40	24.26	27.14	2.88	48.42
MW-SF-13	12/17/08	73.40	24.70	26.21	1.51	48.32
MW-SF-13	01/15/09	73.40	24.80	26.90	2.10	48.08
MW-SF-13	03/27/09	73.40	25.49	26.46	0.97	47.67
MW-SF-13	04/21/09	73.40	24.78	24.86	0.08	48.60
MW-SF-13	07/21/09	73.40	25.48	25.72	0.24	47.86
MW-SF-13	10/19/09	73.40	---	NM	---	NC
MW-SF-13	11/06/09	73.40	---	25.72	---	47.68
MW-SF-13	02/04/10	73.40	25.30	25.43	0.13	48.07
MW-SF-13	09/03/10	73.40	25.71	27.40	1.69	47.27
MW-SF-13	10/04/10	73.40	25.92	26.95	1.03	47.22
MW-SF-13	04/12/11	73.40	24.78	24.79	0.01	48.62
MW-SF-13	10/10/11	73.40	---	26.00	---	47.40
MW-SF-13	04/16/12	73.40	---	27.19	---	46.21
MW-SF-13	07/09/12	73.40	---	NM	---	NC
MW-SF-13	10/15/12	73.40	---	27.01	---	46.39
MW-SF-13	04/08/13	73.40	---	27.90	---	45.50
MW-SF-13	10/07/13	73.40	---	NM	---	NC
MW-SF-13	11/14/13	73.40	28.25	29.95	1.70	44.73
MW-SF-13	04/14/14	73.40	28.47	31.36	2.89	44.21

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-13	05/05/14	73.40	28.49	31.62	3.13	44.13
MW-SF-13	05/12/14	73.40	28.88	30.02	1.14	44.24
MW-SF-13	05/20/14	73.40	29.77	31.10	1.33	43.30
MW-SF-13	05/27/14	73.40	29.48	30.17	0.69	43.75
MW-SF-13	06/04/14	73.40	---	30.22	---	43.18
MW-SF-13	06/10/14	73.40	29.76	30.20	0.44	43.53
MW-SF-13	07/03/14	73.40	29.88	30.49	0.61	43.37
MW-SF-13	07/24/14	73.40	29.54	30.50	0.96	43.62
MW-SF-13	08/01/14	73.40	29.25	29.82	0.57	44.01
MW-SF-13	08/08/14	73.40	33.71	34.07	0.36	39.60
MW-SF-13	08/14/14	73.40	29.13	29.96	0.83	44.06
MW-SF-13	08/19/14	73.40	29.15	29.91	0.76	44.06
MW-SF-13	08/29/14	73.40	29.02	30.15	1.13	44.10
MW-SF-13	09/05/14	73.40	29.08	30.19	1.11	44.04
MW-SF-13	09/11/14	73.40	28.91	30.66	1.75	44.05
MW-SF-13	09/18/14	73.40	29.15	30.41	1.26	43.94
MW-SF-13	09/26/14	73.40	29.14	30.18	1.04	44.00
MW-SF-13	10/01/14	73.40	29.05	30.38	1.33	44.02
MW-SF-13	10/06/14	73.40	29.12	30.10	0.98	44.04
MW-SF-13	10/13/14	73.40	29.07	30.28	1.21	44.03
MW-SF-13	10/23/14	73.40	28.95	30.72	1.77	44.01
MW-SF-13	10/27/14	73.40	29.06	30.21	1.15	44.05
MW-SF-13	11/03/14	73.40	28.93	30.62	1.69	44.05
MW-SF-13	11/18/14	73.40	29.11	30.54	1.43	43.93
MW-SF-13	11/25/14	73.40	29.14	29.48	0.34	44.18
MW-SF-13	12/03/14	73.40	28.93	31.02	2.09	43.95
MW-SF-13	12/12/14	73.40	29.40	31.05	1.65	43.59
MW-SF-13	12/19/14	73.40	29.40	31.11	1.71	43.57
MW-SF-13	04/20/15	73.40	29.04	32.44	3.40	43.51
MW-SF-13	10/19/15	73.40	29.31	35.16	5.85	42.63
MW-SF-13	03/14/16	73.40	---	34.72	---	38.68
MW-SF-13	04/11/16	73.40	---	32.28	---	41.12
MW-SF-13	06/29/16	73.40	---	33.62	---	39.78
MW-SF-13	08/22/16	73.40	---	33.66	---	39.74
MW-SF-13	10/03/16	73.40	---	34.20	---	39.20
MW-SF-13	10/03/16	73.40	---	34.20	---	39.20
MW-SF-13	04/17/17	73.40	---	30.40	---	43.00
MW-SF-13	10/02/17	73.40	---	34.52	---	38.88
MW-SF-13	04/16/18	73.40	---	34.26	---	39.14
MW-SF-13	11/05/18	73.40	---	34.43	---	38.97
MW-SF-13	04/16/19	73.40	---	32.29	---	41.11
MW-SF-13	11/01/19	73.40	---	33.76	---	39.64
MW-SF-13	05/04/20	73.40	---	31.52	---	41.88
MW-SF-13	11/02/20	73.40	---	32.05	---	41.35
MW-SF-13	05/03/21	73.40	---	32.48	---	40.92
MW-SF-14	08/14/07	78.16	---	27.68	---	50.48
MW-SF-14	08/21/07	78.16	---	27.60	---	50.56
MW-SF-14	08/28/07	78.16	---	27.53	---	50.63
MW-SF-14	09/11/07	78.16	---	27.66	---	50.50
MW-SF-14	10/05/07	78.16	---	27.75	---	50.41

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-15	09/11/07	78.27	---	27.62	---	50.65
MW-SF-15	10/05/07	78.27	---	28.15	---	50.12
MW-SF-15	11/02/07	78.27	30.20	30.45	0.25	48.02
MW-SF-15	11/12/07	78.27	---	28.75	---	49.52
MW-SF-15	08/15/08	78.27	29.35	30.12	0.77	48.77
MW-SF-15	10/17/08	78.27	29.44	30.80	1.36	48.56
MW-SF-15	10/21/08	78.27	29.31	30.80	1.49	48.66
MW-SF-15	12/18/08	78.27	30.56	32.11	1.55	47.40
MW-SF-15	01/15/09	78.27	29.70	31.75	2.05	48.16
MW-SF-15	03/24/09	78.27	29.93	30.32	0.39	48.26
MW-SF-15	04/21/09	78.27	29.60	29.96	0.36	48.60
MW-SF-15	07/21/09	78.27	---	30.45	---	47.82
MW-SF-15	10/19/09	78.27	---	NM	---	NC
MW-SF-15	11/04/09	78.27	30.45	31.10	0.36	47.46
MW-SF-15	12/09/09	78.27	---	30.87	---	47.40
MW-SF-15	10/04/10	78.27	30.65	30.66	0.01	47.62
MW-SF-15	04/12/11	78.27	29.40	30.50	1.10	48.65
MW-SF-15	10/10/11	78.27	---	29.60	---	48.67
MW-SF-15	12/02/11	78.27	30.05	31.40	1.35	47.95
MW-SF-15	04/16/12	78.27	32.39	32.48	0.09	45.86
MW-SF-15	07/09/12	78.27	---	NM	---	NC
MW-SF-15	10/15/12	78.16	---	33.04	---	45.12
MW-SF-15	04/08/13	78.27	---	33.90	---	44.37
MW-SF-15	05/24/13	78.27	---	33.90	---	44.37
MW-SF-15	10/07/13	78.27	---	NM	---	NC
MW-SF-15	11/14/13	78.27	33.38	33.41	0.03	44.88
MW-SF-15	04/18/14	78.27	---	33.85	---	44.42
MW-SF-15	08/08/14	78.27	33.96	34.87	0.91	44.13
MW-SF-15	08/13/14	78.27	33.95	34.89	0.94	44.13
MW-SF-15	08/19/14	78.27	33.94	34.90	0.96	44.14
MW-SF-15	08/29/14	78.27	35.38	35.65	0.27	42.84
MW-SF-15	10/27/14	78.27	---	35.82	---	42.45
MW-SF-15	04/20/15	78.27	34.12	36.63	2.51	43.65
MW-SF-15	10/19/15	78.27	34.87	37.90	3.03	42.79
MW-SF-15	11/17/15	78.27	35.36	37.71	2.35	42.44
MW-SF-15	03/14/16	78.27	---	39.70	---	38.57
MW-SF-15	04/11/16	78.27	---	37.24	---	41.03
MW-SF-15	06/29/16	78.27	---	38.70	---	39.57
MW-SF-15	08/22/16	78.27	---	38.78	---	39.49
MW-SF-15	10/03/16	78.27	---	39.56	---	38.71
MW-SF-15	10/03/16	78.27	---	39.56	---	38.71
MW-SF-15	04/17/17	78.27	---	35.39	---	42.88
MW-SF-15	10/02/17	78.27	---	39.40	---	38.87
MW-SF-15	04/16/18	78.27	---	39.10	---	39.17
MW-SF-15	11/05/18	78.27	---	39.00	---	39.27
MW-SF-15	04/23/19	78.27	---	36.15	---	42.12
MW-SF-15	10/28/19	78.27	---	38.92	---	39.35
MW-SF-15	05/04/20	78.27	---	36.37	---	41.90
MW-SF-15	11/02/20	78.27	---	36.72	---	41.55
MW-SF-15	05/03/21	78.27	---	37.53	---	40.74

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-SF-16	08/14/07	78.21	---	27.68	---	50.53
MW-SF-16	08/21/07	78.21	---	27.33	---	50.88
MW-SF-16	08/28/07	78.21	---	27.51	---	50.70
MW-SF-16	09/11/07	78.21	---	27.59	---	50.62
MW-SF-16	10/05/07	78.21	---	28.10	---	50.11
MW-SF-16	11/02/07	78.21	---	29.81	---	48.40
MW-SF-16	11/12/07	78.21	---	28.40	---	49.81
MW-SF-16	08/15/08	78.21	---	29.36	---	48.85
MW-SF-16	10/17/08	78.21	---	29.51	---	48.70
MW-SF-16	12/18/08	78.21	---	30.94	---	47.27
MW-SF-16	01/15/09	78.21	30.00	30.01	0.01	48.21
MW-SF-16	03/24/09	78.21	---	29.82	---	48.39
MW-SF-16	04/21/09	78.21	---	29.60	---	48.61
MW-SF-16	07/21/09	78.21	---	30.36	---	47.85
MW-SF-16	10/19/09	78.21	---	NM	---	NC
MW-SF-16	11/04/09	78.21	---	30.58	---	47.63
MW-SF-16	02/04/10	78.21	---	30.36	---	47.85
MW-SF-16	09/03/10	78.21	---	30.25	---	47.96
MW-SF-16	10/04/10	78.21	---	30.49	---	47.72
MW-SF-16	04/12/11	78.21	---	29.52	---	48.69
MW-SF-16	10/10/11	78.21	---	29.85	---	48.36
MW-SF-16	04/16/12	78.21	---	NM	---	NC
MW-SF-16	07/09/12	78.21	---	NM	---	NC
MW-SF-16	10/15/12	78.21	---	32.47	---	45.74
MW-SF-16	04/08/13	78.21	32.73	32.97	0.24	45.43
MW-SF-16	05/24/13	78.21	32.73	32.97	0.24	45.43
MW-SF-16	10/07/13	78.21	---	NM	---	NC
MW-SF-16	11/14/13	78.21	33.21	33.80	0.59	44.88
MW-SF-16	04/18/14	78.21	33.65	34.20	0.55	44.45
MW-SF-16	08/08/14	78.21	34.05	34.06	0.01	44.16
MW-SF-16	10/27/14	78.21	---	34.25	---	43.96
MW-SF-16	04/20/15	78.21	---	34.52	---	43.69
MW-SF-16	06/08/15	78.21	35.00	35.17	0.17	43.18
MW-SF-16	10/21/15	78.21	---	34.56	---	43.65
MW-SF-16	03/14/16	78.21	---	39.60	---	38.61
MW-SF-16	04/11/16	78.21	---	37.15	---	41.06
MW-SF-16	06/29/16	78.21	---	38.35	---	39.86
MW-SF-16	08/22/16	78.21	---	38.51	---	39.70
MW-SF-16	10/03/16	78.21	---	39.35	---	38.86
MW-SF-16	10/03/16	78.21	---	39.35	---	38.86
MW-SF-16	04/17/17	78.21	---	35.20	---	43.01
MW-SF-16	10/02/17	78.21	---	DRY	---	NC
MW-SF-16	04/16/18	78.21	---	DRY	---	NC
MW-SF-16	11/05/18	78.21	---	DRY	---	NC
MW-SF-16	04/16/19	78.21	---	DRY	---	NC
MW-SF-16	10/28/19	78.21	---	DRY	---	NC
MW-SF-16	05/04/20	78.21	---	DRY	---	NC
MW-SF-16	11/02/20	78.21	---	DRY	---	NC
MW-SF-16	05/03/21	78.21	---	DRY	---	DRY
PO-7	07/08/11	80.26	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PW-1	11/20/96	75.52	---	29.04	---	46.48
PW-1	07/01/97	75.52	---	30.17	---	45.35
PW-1	12/31/97	75.52	---	28.95	---	46.57
PW-1	05/01/98	75.52	---	27.37	---	48.15
PW-1	05/06/99	75.52	---	27.44	---	48.08
PW-1	08/09/99	75.52	---	27.87	---	47.65
PW-1	11/15/99	75.52	---	27.78	---	47.74
PW-1	05/15/00	75.52	---	27.63	---	47.89
PW-1	11/13/00	75.52	---	28.84	---	46.68
PW-1	05/07/01	75.52	---	27.01	---	48.51
PW-1	11/05/01	75.52	---	26.72	---	48.80
PW-1	04/08/02	75.52	---	27.45	---	48.07
PW-1	10/21/02	75.52	---	27.63	---	47.89
PW-1	04/07/03	75.52	---	27.60	---	47.92
PW-1	10/06/03	75.52	---	27.68	---	47.84
PW-1	01/11/04	75.52	---	28.61	---	46.91
PW-1	04/19/04	75.52	---	28.85	---	46.67
PW-1	05/02/05	75.52	---	25.43	---	50.09
PW-1	10/31/05	75.52	---	NM	---	NC
PW-1	05/01/06	75.52	---	25.03	---	50.49
PW-1	12/04/06	75.52	---	25.83	---	49.69
PW-1	04/30/07	75.52	---	25.80	---	49.72
PW-1	11/12/07	75.52	---	26.03	---	49.49
PW-1	04/14/08	75.52	---	26.41	---	49.11
PW-1	10/13/08	75.52	---	26.85	---	48.67
PW-1	11/21/08	75.52	---	26.80	---	48.72
PW-1	04/20/09	75.52	---	27.27	---	48.25
PW-1	10/19/09	75.52	---	27.74	---	47.78
PW-1	05/24/10	75.52	---	28.00	---	47.52
PW-1	05/28/10	75.52	---	27.98	---	47.54
PW-1	10/04/10	75.52	---	28.10	---	47.42
PW-1	04/11/11	75.52	---	27.03	---	48.49
PW-1	10/10/11	75.52	---	26.77	---	48.75
PW-1	04/16/12	75.52	---	NM	---	NC
PW-1	07/09/12	75.52	---	NM	---	NC
PW-1	10/15/12	75.52	---	27.76	---	47.76
PW-1	04/08/13	75.52	---	DRY	---	NC
PW-1	10/07/13	75.52	---	DRY	---	NC
PW-1	04/14/14	75.52	---	DRY	---	NC
PW-1	10/27/14	75.52	---	DRY	---	NC
PW-1	04/20/15	75.52	---	DRY	---	NC
PW-1	10/19/15	75.52	---	DRY	---	NC
PW-1	04/11/16	75.52	---	DRY	---	NC
PW-1	10/03/16	75.52	---	DRY	---	NC
PW-1	10/03/16	75.52	---	DRY	---	NC
PW-1	04/17/17	75.52	---	DRY	---	NC
PW-1	10/02/17	75.52	---	34.40	---	41.12
PW-1	04/16/18	75.52	---	DRY	---	NC
PW-1	11/05/18	75.52	---	DRY	---	NC
PW-1	04/16/19	75.52	---	DRY	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PW-1	10/28/19	75.52	---	DRY	---	NC
PW-1	05/04/20	75.52	---	DRY	---	NC
PW-1	11/02/20	75.52	---	DRY	---	NC
PW-1	05/03/21	75.52	---	DRY	---	DRY
PW-2	11/20/96	74.65	---	28.82	---	45.83
PW-2	07/01/97	74.65	---	31.20	---	43.45
PW-2	12/31/97	74.65	---	28.52	---	46.13
PW-2	05/01/98	74.65	---	26.34	---	48.31
PW-2	02/02/99	74.65	---	25.39	---	49.26
PW-2	05/06/99	74.65	---	26.42	---	48.23
PW-2	08/09/99	74.65	---	26.92	---	47.73
PW-2	11/15/99	74.65	---	28.05	---	46.60
PW-2	02/29/00	74.65	---	26.82	---	47.83
PW-2	05/15/00	74.65	---	27.12	---	47.53
PW-2	08/28/00	74.65	---	28.10	---	46.55
PW-2	11/13/00	74.65	---	28.36	---	46.29
PW-2	02/05/01	74.65	---	26.84	---	47.81
PW-2	05/07/01	74.65	---	26.22	---	48.43
PW-2	09/18/01	74.65	---	25.85	---	48.80
PW-2	11/05/01	74.65	---	26.00	---	48.65
PW-2	01/29/02	74.65	---	26.09	---	48.56
PW-2	04/08/02	74.65	---	26.69	---	47.96
PW-2	10/21/02	74.65	---	26.95	---	47.70
PW-2	01/14/03	74.65	---	26.86	---	47.79
PW-2	04/07/03	74.65	---	28.96	---	45.69
PW-2	07/07/03	74.71	---	27.51	---	47.20
PW-2	10/06/03	74.65	---	27.00	---	47.65
PW-2	01/11/04	74.71	---	28.02	---	46.69
PW-2	01/20/04	74.71	---	29.28	---	45.43
PW-2	04/19/04	74.71	---	26.21	---	48.50
PW-2	04/27/04	74.71	---	27.69	---	47.02
PW-2	06/07/04	74.71	---	28.13	---	46.58
PW-2	07/08/04	74.71	---	29.35	---	45.36
PW-2	05/02/05	74.71	---	24.56	---	50.15
PW-2	10/31/05	74.71	---	23.80	---	50.91
PW-2	05/01/06	74.71	---	24.28	---	50.43
PW-2	12/04/06	74.71	---	25.05	---	49.66
PW-2	04/30/07	74.71	---	25.02	---	49.69
PW-2	11/12/07	74.71	---	25.41	---	49.30
PW-2	04/14/08	74.71	---	25.75	---	48.96
PW-2	10/13/08	74.71	---	25.15	---	49.56
PW-2	04/20/09	74.71	---	DRY	---	NC
PW-2	10/19/09	74.71	---	DRY	---	NC
PW-2	05/24/10	74.71	---	DRY	---	NC
PW-2	05/28/10	74.71	---	DRY	---	NC
PW-2	10/04/10	74.71	---	NM	---	NC
PW-2	04/11/11	74.71	---	NM	---	NC
PW-2	10/10/11	74.71	---	DRY	---	NC
PW-2	04/16/12	74.71	---	NM	---	NC
PW-2	07/09/12	74.71	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PW-2	10/15/12	74.71	---	DRY	---	NC
PW-2	04/08/13	74.71	---	DRY	---	NC
PW-2	10/07/13	74.71	---	DRY	---	NC
PW-2	04/14/14	74.71	---	DRY	---	NC
PW-2	10/27/14	74.71	---	DRY	---	NC
PW-2	04/20/15	74.71	---	DRY	---	NC
PW-2	10/19/15	74.71	---	DRY	---	NC
PW-2	04/11/16	74.71	---	DRY	---	NC
PW-2	10/03/16	74.71	---	DRY	---	NC
PW-2	10/03/16	74.71	---	DRY	---	NC
PW-2	04/17/17	74.71	---	DRY	---	NC
PW-2	10/02/17	74.71	---	DRY	---	NC
PW-2	04/16/18	74.71	---	DRY	---	NC
PW-2	11/05/18	74.71	---	DRY	---	NC
PW-2	04/16/19	74.71	---	DRY	---	NC
PW-2	10/28/19	74.71	---	DRY	---	NC
PW-2	05/04/20	74.71	---	32.48	---	42.23
PW-2	11/02/20	74.71	---	DRY	---	NC
PW-2	05/03/21	74.71	---	DRY	---	DRY
PW-3	11/20/96	73.64	---	27.11	---	46.53
PW-3	07/01/97	73.64	---	28.84	---	44.80
PW-3	12/31/97	73.64	---	27.29	---	46.35
PW-3	05/01/98	73.64	---	25.10	---	48.54
PW-3	02/03/99	73.64	---	24.23	---	49.41
PW-3	05/04/99	73.64	---	25.05	---	48.59
PW-3	08/10/99	73.64	---	25.35	---	48.29
PW-3	11/15/99	73.64	---	NM	---	NC
PW-3	05/15/00	73.64	---	NM	---	NC
PW-3	08/28/00	73.64	---	NM	---	NC
PW-3	11/13/00	73.64	---	26.46	---	47.18
PW-3	02/05/01	73.64	---	25.60	---	48.04
PW-3	05/07/01	73.64	---	24.96	---	48.68
PW-3	09/18/01	73.64	---	24.72	---	48.92
PW-3	11/05/01	73.64	---	24.80	---	48.84
PW-3	01/29/02	73.64	---	24.91	---	48.73
PW-3	04/08/02	73.64	---	25.30	---	48.34
PW-3	10/21/02	73.64	---	25.76	---	47.88
PW-3	01/14/03	73.64	---	25.72	---	47.92
PW-3	04/07/03	73.64	---	26.17	---	47.47
PW-3	07/07/03	73.71	---	25.81	---	47.90
PW-3	10/06/03	73.64	---	25.63	---	48.01
PW-3	01/11/04	73.71	---	26.03	---	47.68
PW-3	01/20/04	73.71	---	26.36	---	47.35
PW-3	04/19/04	73.71	---	26.63	---	47.08
PW-3	04/27/04	73.71	---	26.34	---	47.37
PW-3	06/07/04	73.71	---	26.63	---	47.08
PW-3	07/08/04	73.71	---	26.81	---	46.90
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PW-3	12/04/06	73.71	---	23.95	---	49.76
PW-3	04/30/07	73.71	---	23.99	---	49.72
PW-3	11/12/07	73.71	---	24.33	---	49.38
PW-3	04/14/08	73.71	---	24.75	---	48.96
PW-3	10/13/08	73.71	---	26.20	---	47.51
PW-3	04/20/09	73.71	---	25.40	---	48.31
PW-3	10/19/09	73.71	---	26.03	---	47.68
PW-3	05/24/10	73.71	---	26.45	---	47.26
PW-3	05/28/10	73.71	---	26.41	---	47.30
PW-3	10/04/10	73.71	---	26.61	---	47.10
PW-3	04/11/11	73.71	---	25.60	---	48.11
PW-3	10/10/11	73.71	---	25.57	---	48.14
PW-3	04/16/12	73.71	---	26.55	---	47.16
PW-3	07/09/12	73.71	---	NM	---	NC
PW-3	10/15/12	73.71	---	NM	---	NC
PW-3	04/08/13	73.71	---	27.79	---	45.92
PW-3	10/07/13	73.71	---	28.57	---	45.14
PW-3	04/14/14	73.71	---	29.20	---	44.51
PW-3	10/27/14	73.71	---	29.73	---	43.98
PW-3	04/20/15	73.71	---	30.62	---	43.09
PW-3	10/19/15	73.71	---	31.08	---	42.63
PW-3	04/11/16	73.71	---	32.37	---	41.34
PW-3	10/03/16	73.71	---	33.23	---	40.48
PW-3	10/03/16	73.71	---	33.23	---	40.48
PW-3	04/17/17	73.71	---	31.60	---	42.11
PW-3	10/02/17	73.71	---	33.26	---	40.45
PW-3	04/16/18	73.71	---	33.75	---	39.96
PW-3	11/05/18	73.71	---	33.95	---	39.76
PW-3	04/16/19	73.71	---	33.12	---	40.59
PW-3	10/31/19	73.71	---	34.06	---	39.65
PW-3	05/04/20	73.71	---	32.89	---	40.82
PW-3	11/02/20	73.71	---	33.05	---	40.66
PW-3	05/03/21	73.71	---	33.54	---	40.17
PZ-1	11/20/96	73.74	---	26.91	---	46.83
PZ-1	07/01/97	73.74	---	27.61	---	46.13
PZ-1	12/31/97	73.74	---	27.03	---	46.71
PZ-1	05/01/98	73.74	---	24.13	---	49.61
PZ-1	05/04/99	73.74	---	25.74	---	48.00
PZ-1	08/09/99	73.74	---	25.77	---	47.97
PZ-1	11/15/99	73.74	---	26.46	---	47.28
PZ-1	05/15/00	73.74	---	26.09	---	47.65
PZ-1	11/13/00	73.74	---	26.51	---	47.23
PZ-1	05/07/01	73.74	---	24.78	---	48.96
PZ-1	11/05/01	73.74	---	24.81	---	48.93
PZ-1	04/08/02	73.74	---	25.50	---	48.24
PZ-2	11/20/96	73.96	---	27.49	---	46.47
PZ-2	11/20/96	73.96	---	NM	0.46	NC
PZ-2	07/01/97	73.96	27.56	28.92	1.36	46.13
PZ-2	12/31/97	73.96	28.87	29.45	0.58	44.97
PZ-2	05/01/98	73.96	23.83	25.40	1.57	49.82

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-2	05/04/99	73.96	25.38	27.20	1.82	48.22
PZ-2	08/09/99	73.96	25.71	27.58	1.87	47.88
PZ-2	11/15/99	73.96	---	26.83	---	47.13
PZ-2	05/15/00	73.96	---	26.17	---	47.79
PZ-2	11/13/00	73.96	26.58	26.88	0.30	47.32
PZ-2	05/07/01	73.96	24.99	25.21	0.27	48.97
PZ-2	11/05/01	73.96	24.87	25.09	0.22	49.05
PZ-2	04/08/02	73.96	24.96	24.96	0.00	49.00
PZ-2	10/21/02	73.96	26.31	26.44	0.13	47.62
PZ-2	04/07/03	73.96	26.12	26.22	0.10	47.82
PZ-2	10/06/03	73.96	25.51	25.53	0.02	48.45
PZ-2	04/19/04	73.96	26.81	26.89	0.08	47.13
PZ-2	11/02/04	73.96	27.19	27.24	0.05	46.76
PZ-2	05/02/05	73.96	---	22.18	---	51.78
PZ-2	10/31/05	73.96	---	24.11	---	49.85
PZ-2	05/22/06	73.96	---	23.16	---	50.80
PZ-2	12/04/06	73.96	---	23.85	---	50.11
PZ-2	04/30/07	73.96	---	23.97	---	49.99
PZ-2	11/12/07	73.96	---	24.30	---	49.66
PZ-2	04/14/08	73.96	---	24.69	---	49.27
PZ-2	10/13/08	73.96	---	25.35	---	48.61
PZ-2	05/22/09	73.96	---	25.55	---	48.41
PZ-2	10/19/09	73.96	---	NM	---	NC
PZ-2	05/24/10	73.96	---	26.30	---	47.66
PZ-2	05/28/10	73.96	---	26.30	---	47.66
PZ-2	10/04/10	73.96	---	26.36	---	47.60
PZ-2	01/10/11	73.96	---	27.57	---	46.39
PZ-2	04/11/11	73.96	---	25.32	---	48.64
PZ-2	07/11/11	73.96	---	NM	---	NC
PZ-2	10/10/11	73.96	---	25.67	---	48.29
PZ-2	01/09/12	73.96	---	27.21	---	46.75
PZ-2	04/27/12	73.96	---	27.83	---	46.13
PZ-2	07/09/12	73.96	---	28.16	---	45.80
PZ-2	10/15/12	73.96	---	27.76	---	46.20
PZ-2	01/14/13	73.96	---	DRY	---	NC
PZ-2	04/08/13	73.96	---	28.68	---	45.28
PZ-2	10/07/13	73.96	---	29.28	---	44.68
PZ-2	04/14/14	73.96	---	29.74	---	44.22
PZ-2	04/20/15	73.96	---	30.48	---	43.48
PZ-2	10/19/15	73.96	---	31.18	---	42.78
PZ-2	03/14/16	73.96	---	34.72	---	39.24
PZ-2	04/11/16	73.96	---	32.97	---	40.99
PZ-2	06/29/16	73.96	---	34.04	---	39.92
PZ-2	08/22/16	73.96	---	33.95	---	40.01
PZ-2	10/03/16	73.96	---	34.67	---	39.29
PZ-2	10/03/16	73.96	---	34.67	---	39.29
PZ-2	04/17/17	73.96	---	31.13	---	42.83
PZ-2	10/02/17	73.96	---	34.65	---	39.31
PZ-2	04/16/18	73.96	---	34.63	---	39.33
PZ-2	11/05/18	73.96	---	34.55	---	39.41

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-2	04/16/19	73.96	---	31.37	---	42.59
PZ-2	10/28/19	73.96	---	34.58	---	39.38
PZ-2	05/04/20	73.96	---	32.48	---	41.48
PZ-2	11/02/20	73.96	---	32.66	---	41.30
PZ-2	05/03/21	73.96	---	DRY	---	DRY
PZ-3	11/20/96	76.17	28.79	32.80	4.01	46.58
PZ-3	07/01/97	76.17	28.75	30.69	1.94	47.03
PZ-3	12/31/97	76.17	28.60	32.86	4.26	46.72
PZ-3	05/01/98	76.17	18.34	25.21	6.87	56.46
PZ-3	05/25/99	76.17	---	31.70	---	44.47
PZ-3	05/19/00	76.17	27.48	31.54	4.16	47.96
PZ-3	11/13/00	76.17	27.01	30.05	3.04	48.55
PZ-3	05/07/01	76.17	25.99	30.30	4.31	49.32
PZ-3	04/08/02	76.17	---	31.00	---	45.17
PZ-3	09/19/02	76.17	28.84	29.94	1.10	47.11
PZ-3	10/21/02	76.17	28.10	29.66	1.56	47.76
PZ-3	04/07/03	76.17	27.81	28.80	0.99	48.16
PZ-3	10/06/03	76.17	27.65	28.90	1.25	48.27
PZ-3	04/19/04	76.17	29.08	29.68	0.60	46.97
PZ-3	11/01/04	76.17	28.32	29.63	1.31	47.59
PZ-3	02/28/05	76.17	24.32	26.89	2.57	51.34
PZ-3	03/06/06	76.17	24.97	25.12	0.15	51.17
PZ-3	05/01/06	76.17	25.39	25.96	0.57	50.67
PZ-3	08/26/06	76.17	25.76	26.26	0.50	50.31
PZ-3	12/01/06	76.17	26.11	26.77	0.66	49.93
PZ-3	03/21/07	76.17	26.05	26.16	0.11	50.10
PZ-3	04/30/07	76.17	26.66	26.68	0.02	49.51
PZ-3	11/12/07	76.17	---	NM	---	NC
PZ-3	02/05/08	76.17	---	27.84	---	48.33
PZ-3	07/24/08	76.17	---	27.33	---	48.84
PZ-3	10/14/08	76.17	---	28.07	---	48.10
PZ-3	02/10/09	76.17	---	27.31	---	48.86
PZ-3	04/20/09	76.17	---	27.94	---	48.23
PZ-3	07/16/09	76.17	---	28.97	---	47.20
PZ-3	04/08/10	76.17	---	28.40	---	47.77
PZ-3	04/12/10	76.17	---	28.14	---	48.03
PZ-3	01/08/11	76.17	---	28.85	---	47.32
PZ-3	04/08/11	76.17	---	27.63	---	48.54
PZ-3	07/08/11	76.17	---	27.85	---	48.32
PZ-3	10/07/11	76.17	---	28.46	---	47.71
PZ-3	04/12/12	76.17	---	29.48	---	46.69
PZ-3	04/19/12	76.17	---	29.30	---	46.87
PZ-3	01/11/13	76.17	30.20	33.08	2.88	45.39
PZ-3	04/03/13	76.17	30.63	30.86	0.23	45.49
PZ-3	04/08/13	76.17	30.56	30.99	0.43	45.52
PZ-3	10/02/13	76.17	---	31.45	---	44.72
PZ-3	04/07/14	76.17	---	32.27	---	43.90
PZ-3	04/18/14	76.17	---	31.92	---	44.25
PZ-3	10/27/14	76.17	---	32.41	---	43.76
PZ-3	04/20/15	76.17	---	32.80	---	43.37

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-3	04/11/16	76.17	---	34.07	---	42.10
PZ-3	10/03/16	76.17	34.37	35.14	0.77	NC
PZ-3	04/20/17	76.17	33.55	33.56	0.01	42.62
PZ-3	10/03/17	76.17	---	34.42	---	41.75
PZ-3	04/16/18	76.17	---	35.14	---	41.03
PZ-3	11/05/18	76.17	---	35.75	---	40.42
PZ-3	04/19/19	76.17	---	33.54	---	42.63
PZ-3	10/29/19	76.17	---	35.58	---	40.59
PZ-3	05/04/20	76.17	---	34.82	---	41.35
PZ-3	11/02/20	76.17	---	35.20	---	40.97
PZ-3	05/04/21	76.17	---	35.74	---	40.43
PZ-4	11/20/96	76.13	---	29.80	---	46.33
PZ-4	07/01/97	76.13	---	29.66	---	46.47
PZ-4	12/31/97	76.13	---	29.63	---	46.50
PZ-4	05/01/98	76.13	---	26.82	---	49.31
PZ-4	05/25/99	76.13	---	27.57	---	48.56
PZ-4	05/15/00	76.13	---	28.28	---	47.85
PZ-4	11/13/00	76.13	---	27.89	---	48.24
PZ-4	05/07/01	76.13	---	26.97	---	49.16
PZ-4	05/07/01	76.13	---	25.08	---	51.05
PZ-4	04/08/02	76.13	---	28.16	---	47.97
PZ-4	09/19/02	76.13	---	29.20	---	46.93
PZ-4	04/07/03	76.13	---	28.08	---	48.05
PZ-4	10/06/03	76.13	---	28.03	---	48.10
PZ-4	04/19/04	76.13	---	29.50	---	46.63
PZ-4	11/01/04	76.13	---	28.80	---	47.33
PZ-4	02/28/05	76.13	---	25.13	---	51.00
PZ-4	05/02/05	76.13	---	24.50	---	51.63
PZ-4	03/06/06	76.13	---	25.25	---	50.88
PZ-4	05/01/06	76.13	---	25.63	---	50.50
PZ-4	08/26/06	76.13	---	26.05	---	50.08
PZ-4	12/01/06	76.13	---	26.38	---	49.75
PZ-4	03/21/07	76.13	---	26.12	---	50.01
PZ-4	04/30/07	76.13	---	26.93	---	49.20
PZ-4	08/28/07	76.13	---	26.54	---	49.59
PZ-4	11/12/07	76.13	---	27.50	---	48.63
PZ-4	02/05/08	76.13	---	27.42	---	48.71
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-5	02/27/06	73.97	---	22.06	---	51.91
PZ-5	05/01/06	73.97	---	22.20	---	51.77
PZ-5	09/18/06	73.97	---	22.91	---	51.06
PZ-5	12/04/06	73.97	---	23.26	---	50.71
PZ-5	03/12/07	73.97	---	23.71	---	50.26
PZ-5	04/30/07	73.97	---	23.85	---	50.12
PZ-5	08/28/07	73.97	---	23.85	---	50.12
PZ-5	11/12/07	73.97	---	24.26	---	49.71
PZ-5	02/19/08	73.97	---	24.68	---	49.29
PZ-5	04/14/08	73.97	---	24.10	---	49.87
PZ-5	08/11/08	73.97	---	24.53	---	49.44
PZ-5	10/13/08	73.97	---	25.12	---	48.85
PZ-5	04/20/09	73.97	---	24.81	---	49.16
PZ-5	07/20/09	73.97	---	25.20	---	48.77
PZ-5	10/19/09	73.97	---	26.41	---	47.56
PZ-5	03/15/10	73.97	---	25.99	---	47.98
PZ-5	04/16/10	73.97	---	25.12	---	48.85
PZ-5	05/24/10	73.97	---	25.71	---	48.26
PZ-5	05/28/10	73.97	---	25.68	---	48.29
PZ-5	06/22/10	73.97	---	25.54	---	48.43
PZ-5	07/12/10	73.97	---	26.09	---	47.88
PZ-5	08/12/10	73.97	---	26.16	---	47.81
PZ-5	09/20/10	73.97	---	26.52	---	47.45
PZ-5	10/04/10	73.97	---	25.98	---	47.99
PZ-5	11/16/10	73.97	---	26.46	---	47.51
PZ-5	12/22/10	73.97	---	25.12	---	48.85
PZ-5	01/10/11	73.97	---	26.54	---	47.43
PZ-5	02/24/11	73.97	---	25.55	---	48.42
PZ-5	03/23/11	73.97	---	25.28	---	48.69
PZ-5	04/11/11	73.97	---	24.70	---	49.27
PZ-5	05/13/11	73.97	---	25.21	---	48.76
PZ-5	06/22/11	73.97	---	25.37	---	48.60
PZ-5	07/11/11	73.97	---	25.47	---	48.50
PZ-5	08/19/11	73.97	---	25.35	---	48.62
PZ-5	09/22/11	73.97	---	25.96	---	48.01
PZ-5	10/10/11	73.97	---	25.55	---	48.42
PZ-5	11/28/11	73.97	---	26.16	---	47.81
PZ-5	12/21/11	73.97	---	26.48	---	47.49
PZ-5	01/09/12	73.97	---	26.47	---	47.50
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-5	01/14/13	73.97	---	28.42	---	45.55
PZ-5	02/20/13	73.97	---	28.40	---	45.57
PZ-5	04/08/13	73.97	---	28.41	---	45.56
PZ-5	10/07/13	73.97	---	29.31	---	44.66
PZ-5	04/14/14	73.97	---	28.91	---	45.06
PZ-5	10/27/14	73.97	---	29.41	---	44.56
PZ-5	04/20/15	73.97	---	29.66	---	44.31
PZ-5	10/19/15	73.97	---	30.50	---	43.47
PZ-5	04/11/16	73.97	---	31.36	---	42.61
PZ-5	10/03/16	73.97	---	31.00	---	42.97
PZ-5	10/03/16	73.97	---	31.00	---	42.97
PZ-5	04/17/17	73.97	---	30.07	---	43.90
PZ-5	10/02/17	73.97	---	31.45	---	42.52
PZ-5	04/16/18	73.97	---	32.46	---	41.51
PZ-5	11/05/18	73.97	---	33.33	---	40.64
PZ-5	04/16/19	73.97	---	31.12	---	42.85
PZ-5	10/28/19	73.97	---	32.39	---	41.58
PZ-5	05/04/20	73.97	---	31.64	---	42.33
PZ-5	11/02/20	73.97	---	26.72	---	47.25
PZ-5	05/03/21	73.97	---	29.57	---	44.40
PZ-6	07/07/03	73.91	---	25.65	---	48.26
PZ-6	01/20/04	73.91	---	25.94	---	47.97
PZ-6	04/27/04	73.91	---	26.49	---	47.42
PZ-6	06/07/04	73.91	---	26.56	---	47.35
PZ-6	07/08/04	73.91	---	26.57	---	47.34
PZ-6	10/04/10	73.91	---	NM	---	NC
PZ-6	04/11/11	73.91	---	NM	---	NC
PZ-6	10/10/11	73.91	---	NM	---	NC
PZ-6	04/16/12	73.91	---	NM	---	NC
PZ-6	07/09/12	73.91	---	NM	---	NC
PZ-6	10/15/12	73.91	---	NM	---	NC
PZ-6	04/08/13	73.91	---	NM	---	NC
PZ-7A	08/01/05	73.87	---	20.22	---	53.65
PZ-7A	05/24/10	73.87	---	25.30	---	48.57
PZ-7A	05/28/10	73.87	---	25.29	---	48.58
PZ-7A	10/04/10	73.87	---	25.70	---	48.17
PZ-7A	04/11/11	73.87	---	24.48	---	49.39
PZ-7A	10/10/11	73.87	---	25.15	---	48.72
PZ-7A	10/15/12	---	---	27.24	---	NC
PZ-7A	04/20/15	73.87	---	29.52	---	44.35
PZ-7B	08/01/05	73.79	---	20.80	---	52.99
PZ-7B	05/24/10	73.79	---	25.32	---	48.47
PZ-7B	05/28/10	73.79	---	25.30	---	48.49
PZ-7B	10/04/10	73.79	---	25.88	---	47.91
PZ-7B	04/11/11	73.79	---	24.57	---	49.22
PZ-7B	10/10/11	73.79	---	25.30	---	48.49
PZ-7B	10/15/12	---	---	27.22	---	NC
PZ-7B	04/20/15	73.79	---	29.60	---	44.19
PZ-8A	08/01/05	75.81	---	22.39	---	53.42
PZ-8A	12/04/06	75.81	---	25.14	---	50.67

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
PZ-10	08/28/07	74.34	---	22.67	---	51.67
PZ-10	11/12/07	74.34	---	23.61	---	50.73
PZ-10	02/19/08	74.34	---	25.16	---	49.18
PZ-10	04/14/08	74.34	---	24.75	---	49.59
PZ-10	10/13/08	74.34	---	25.61	---	48.73
PZ-10	04/20/09	74.34	---	25.71	---	48.63
PZ-10	07/20/09	74.34	---	26.60	---	47.74
PZ-10	10/19/09	74.34	---	26.96	---	47.38
PZ-10	05/24/10	74.34	---	26.51	---	47.83
PZ-10	05/28/10	74.34	---	26.46	---	47.88
PZ-10	10/04/10	74.34	---	26.66	---	47.68
PZ-10	04/11/11	74.34	---	25.57	---	48.77
PZ-10	10/10/11	74.34	---	NM	---	NC
PZ-10	04/16/12	74.34	---	28.00	---	46.34
PZ-10	07/09/12	74.34	---	NM	---	NC
PZ-10	10/15/12	74.34	---	29.81	---	44.53
PZ-10	04/08/13	74.34	---	28.94	---	45.40
PZ-10	04/20/15	74.34	---	30.72	---	43.62
PZ-10	10/19/15	74.34	---	31.42	---	42.92
PZ-10	03/14/16	74.34	---	DRY	---	NC
PZ-10	04/11/16	74.34	---	33.37	---	40.97
PZ-10	06/29/16	74.34	---	DRY	---	NC
PZ-10	08/22/16	74.34	---	DRY	---	NC
PZ-10	10/03/16	74.34	---	DRY	---	NC
PZ-10	10/03/16	74.34	---	DRY	---	NC
PZ-10	04/17/17	74.34	---	DRY	---	NC
PZ-10	10/02/17	74.34	---	DRY	---	NC
PZ-10	04/16/18	74.34	---	DRY	---	NC
PZ-10	11/05/18	74.34	---	DRY	---	NC
PZ-10	04/16/19	74.34	---	DRY	---	NC
PZ-10	10/28/19	74.34	---	DRY	---	NC
PZ-10	05/04/20	74.34	---	DRY	---	NC
PZ-10	11/02/20	74.34	---	DRY	---	NC
PZ-10	05/03/21	74.34	---	DRY	---	DRY
RTF-18-E	04/19/17	75.19	31.35	31.53	0.18	43.80
RTF-18-E	09/27/17	75.19	31.84	33.52	1.68	NC
RTF-18-E	04/16/18	75.19	33.66	33.89	0.23	NC
RTF-18-E	11/05/18	75.19	34.00	35.35	1.35	NC
RTF-18-E	04/15/19	75.19	---	32.92	---	42.27
RTF-18-E	10/30/19	74.63	---	34.11	---	NC
RTF-18-E	05/05/20	74.63	32.83	33.03	0.20	42.32
RTF-18-E	11/02/20	74.63	33.54	32.78	-0.76	41.09
RTF-18-E	05/06/21	75.19	32.94	33.70	0.76	42.13
RTF-18-N	04/19/17	75.17	---	31.44	---	43.73
RTF-18-N	09/27/17	75.17	31.49	33.02	1.53	NC
RTF-18-N	04/16/18	75.17	32.45	34.50	2.05	NC
RTF-18-N	11/05/18	75.17	32.90	35.55	2.65	NC
RTF-18-N	04/15/19	75.17	32.46	32.48	0.02	NC
RTF-18-N	10/30/19	75.17	---	32.71	---	NC
RTF-18-N	05/05/20	75.17	---	32.16	---	43.01

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
RTF-18-N	11/02/20	75.17	---	32.01	---	43.16
RTF-18-N	05/06/21	75.17	---	32.59	---	42.58
RTF-18-NNW	04/19/17	76.77	---	31.72	---	45.05
RTF-18-NNW	09/27/17	76.77	32.48	32.53	0.05	NC
RTF-18-NNW	04/16/18	76.77	33.58	35.31	1.73	NC
RTF-18-NNW	11/05/18	76.77	33.95	36.55	2.60	NC
RTF-18-NNW	04/15/19	76.77	---	33.26	---	43.51
RTF-18-NNW	10/30/19	74.88	---	33.92	---	NC
RTF-18-NNW	05/05/20	74.88	32.84	32.91	0.07	43.92
RTF-18-NNW	11/02/20	74.88	---	33.50	---	41.38
RTF-18-NNW	05/06/21	76.77	---	33.97	---	42.80
RTF-18-NW	04/19/17	76.22	31.04	31.08	0.04	45.18
RTF-18-NW	09/27/17	76.22	31.62	32.89	1.27	NC
RTF-18-NW	04/16/18	76.22	34.68	37.29	2.61	NC
RTF-18-NW	11/05/18	76.22	33.40	35.95	2.55	NC
RTF-18-NW	04/15/19	76.22	32.54	32.87	0.33	NC
RTF-18-NW	10/30/19	74.28	---	33.44	---	NC
RTF-18-NW	05/05/20	74.28	31.58	31.74	0.16	44.61
RTF-18-NW	11/02/20	74.28	---	31.92	---	42.36
RTF-18-NW	05/06/21	76.22	---	32.08	---	44.14
RTF-18-W	04/19/17	74.86	30.98	31.15	0.17	43.85
RTF-18-W	09/27/17	74.86	31.98	33.49	1.51	NC
RTF-18-W	04/16/18	74.86	33.35	35.30	1.95	NC
RTF-18-W	11/05/18	74.86	33.50	36.15	2.65	NC
RTF-18-W	04/15/19	74.86	32.62	32.80	0.18	NC
RTF-18-W	10/30/19	74.37	---	33.35	---	NC
RTF-18-W	05/05/20	74.37	---	31.70	---	43.16
RTF-18-W	11/02/20	74.37	---	31.46	---	42.91
RTF-18-W	05/06/21	74.86	---	31.77	---	43.09
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-8	04/30/07	74.86	---	25.54	---	49.32
TF-8	08/28/07	75.60	---	25.92	---	49.68
TF-8	11/12/07	74.86	---	26.12	---	48.74
TF-8	02/05/08	75.60	---	26.69	---	48.91
TF-8	04/11/08	74.86	---	25.78	---	49.08
TF-8	07/16/08	75.60	---	28.42	---	47.18
TF-8	07/24/08	75.60	---	27.05	---	48.55
TF-8	10/14/08	75.60	---	27.84	---	47.76
TF-8	02/10/09	75.60	---	27.69	---	47.91
TF-8	04/08/10	75.60	---	28.30	---	47.30
TF-8	10/01/10	74.86	---	27.81	---	47.05
TF-8	01/07/11	74.86	---	27.90	---	46.96
TF-8	04/08/11	74.86	---	26.52	---	48.34
TF-8	07/08/11	74.86	---	26.66	---	48.20
TF-8	10/07/11	74.86	---	27.18	---	47.68
TF-8	04/12/12	74.86	---	28.14	---	46.72
TF-8	01/11/13	74.86	---	29.56	---	45.30
TF-8	04/03/13	74.86	---	29.35	---	45.51
TF-8	10/02/13	74.86	---	30.14	---	44.72
TF-8	04/09/14	74.86	---	30.91	---	43.95
TF-8	04/17/14	74.86	---	30.79	---	44.07
TF-8	10/27/14	74.86	---	31.22	---	43.64
TF-8	04/20/15	74.86	---	31.51	---	43.35
TF-8	04/11/16	74.86	---	32.88	---	41.98
TF-8	10/03/16	74.86	---	33.41	---	41.45
TF-8	04/17/17	74.86	---	32.41	---	42.45
TF-8	10/03/17	74.86	---	33.53	---	41.33
TF-8	04/16/18	74.86	---	33.70	---	41.16
TF-8	11/05/18	74.86	---	34.31	---	40.55
TF-8	04/15/19	---	---	NM	---	NC
TF-8	10/29/19	74.86	---	35.42	---	39.44
TF-8	05/05/20	74.86	---	34.09	---	NC
TF-8	11/02/20	75.60	---	34.21	---	40.65
TF-8	05/04/21	75.60	---	34.70	---	40.90
TF-9	11/20/96	75.27	---	31.31	---	43.96
TF-9	07/01/97	75.27	---	30.55	---	44.72
TF-9	12/31/97	75.27	---	29.12	---	46.15
TF-9	05/01/98	75.27	26.32	26.35	0.03	48.94
TF-9	05/25/99	75.27	27.00	27.04	0.04	48.26
TF-9	05/15/00	75.27	---	26.85	---	48.42
TF-9	05/07/01	75.27	---	29.62	---	45.65
TF-9	04/08/02	74.47	---	27.83	---	46.64
TF-9	09/19/02	75.27	---	28.60	---	46.67
TF-9	10/21/02	75.27	---	27.72	---	47.55
TF-9	04/22/03	75.27	---	27.13	---	48.14
TF-9	10/06/03	74.47	---	26.73	---	47.74
TF-9	04/19/04	74.47	---	28.18	---	46.29
TF-9	11/01/04	75.27	---	28.61	---	46.66
TF-9	02/28/05	75.27	---	25.54	---	49.73
TF-9	05/02/05	75.27	24.06	24.09	0.03	51.20

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-9	03/06/06	75.27	---	23.97	---	51.30
TF-9	05/01/06	74.47	---	24.22	---	50.25
TF-9	08/26/06	75.27	25.38	25.40	0.02	49.89
TF-9	12/01/06	75.27	---	25.74	---	49.53
TF-9	03/21/07	75.27	---	25.18	---	50.09
TF-9	04/30/07	74.47	---	25.00	---	49.47
TF-9	08/28/07	75.27	---	26.02	---	49.25
TF-9	11/12/07	74.47	---	25.90	---	48.57
TF-9	02/05/08	75.27	---	26.88	---	48.39
TF-9	04/11/08	74.47	---	25.50	---	48.97
TF-9	07/24/08	74.47	---	27.16	---	47.31
TF-9	10/14/08	74.47	---	NM	---	NC
TF-9	02/10/09	75.27	---	27.82	---	47.45
TF-9	07/16/09	75.27	---	28.28	---	46.99
TF-9	04/07/10	75.27	---	27.79	---	47.48
TF-9	10/01/10	74.47	---	27.05	---	47.42
TF-9	01/07/11	74.47	---	27.38	---	47.09
TF-9	04/08/11	74.47	---	25.92	---	48.55
TF-9	07/08/11	74.47	---	26.03	---	48.44
TF-9	10/07/11	74.47	---	NM	---	NC
TF-9	04/12/12	74.47	---	27.62	---	46.85
TF-9	01/11/13	74.47	---	29.14	---	45.33
TF-9	04/03/13	74.47	---	28.93	---	45.54
TF-9	10/02/13	74.47	---	29.83	---	44.64
TF-9	04/09/14	74.47	---	30.43	---	44.04
TF-9	04/17/14	74.47	---	30.32	---	44.15
TF-9	10/27/14	74.47	---	30.67	---	43.80
TF-9	11/02/20	75.27	---	37.25	---	40.75
TF-9R	10/03/17	78.00	---	37.05	---	40.95
TF-9R	04/16/18	78.00	---	37.34	---	40.66
TF-9R	11/05/18	78.00	---	37.81	---	40.19
TF-9R	04/19/19	---	---	NM	---	NC
TF-9R	10/28/19	78.00	---	38.14	---	39.86
TF-9R	05/04/20	78.00	---	36.45	---	41.55
TF-9R	05/04/21	78.00	---	37.64	---	40.36
TF-10	11/20/96	74.19	---	28.03	---	46.16
TF-10	07/01/97	74.19	---	30.60	---	43.59
TF-10	12/31/97	74.19	---	27.97	---	46.22
TF-10	05/01/98	74.19	---	25.40	---	48.79
TF-10	05/25/99	74.19	---	26.79	---	47.40
TF-10	05/15/00	74.19	---	26.05	---	48.14
TF-10	05/07/01	74.19	---	NM	---	NC
TF-10	04/08/02	73.61	---	26.16	---	47.45
TF-10	09/19/02	74.19	---	27.28	---	46.91
TF-10	10/21/02	73.61	---	26.50	---	47.11
TF-10	04/22/03	73.61	---	25.95	---	47.66
TF-10	10/06/03	73.61	---	25.60	---	48.01
TF-10	04/19/04	73.61	---	26.82	---	46.79
TF-10	11/01/04	73.61	---	27.32	---	46.29
TF-10	02/28/05	73.61	---	23.82	---	49.79

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-10	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	42.32
TF-11	12/31/97	74.95	---	28.52	---	46.43
TF-11	05/01/98	74.95	---	25.99	---	48.96
TF-11	05/25/99	74.95	26.60	26.62	0.02	48.35
TF-11	05/15/00	74.95	---	26.63	---	48.32
TF-11	05/07/01	74.95	---	28.50	---	46.45
TF-11	04/08/02	74.40	---	25.64	---	48.76
TF-11	09/19/02	74.95	28.15	28.33	0.18	46.76
TF-11	10/21/02	74.95	---	27.02	---	47.93
TF-11	04/22/03	74.40	---	31.15	---	43.25
TF-11	10/06/03	74.40	---	27.12	---	47.28
TF-11	04/19/04	74.95	---	28.56	---	46.39
TF-11	11/01/04	74.95	---	27.86	---	47.09
TF-11	02/28/05	74.95	---	23.82	---	51.13
TF-11	05/02/05	74.95	---	22.90	---	52.05
TF-11	03/06/06	74.95	---	24.31	---	50.64
TF-11	05/01/06	74.95	---	24.35	---	50.60
TF-11	08/26/06	74.95	---	24.79	---	50.16
TF-11	12/01/06	74.95	---	25.17	---	49.78
TF-11	03/21/07	74.95	---	25.26	---	49.69
TF-11	04/30/07	74.40	---	25.62	---	48.78
TF-11	08/28/07	74.95	---	26.06	---	48.89
TF-11	11/12/07	74.95	---	26.26	---	48.69
TF-11	02/05/08	74.95	---	27.15	---	47.80
TF-11	04/11/08	74.40	---	25.87	---	48.53

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-11	07/24/08	74.40	---	26.05	---	48.35
TF-11	10/14/08	74.40	---	26.85	---	47.55
TF-11	02/10/09	74.95	---	26.90	---	48.05
TF-11	07/16/09	74.95	---	27.70	---	47.25
TF-11	04/08/10	74.95	---	27.11	---	47.84
TF-11	10/01/10	74.40	---	27.62	---	46.78
TF-11	01/08/11	74.40	---	27.17	---	47.23
TF-11	04/08/11	74.40	---	24.98	---	49.42
TF-11	07/08/11	74.40	---	25.40	---	49.00
TF-11	10/06/11	74.40	---	26.07	---	48.33
TF-11	04/12/12	74.40	---	27.51	---	46.89
TF-11	01/11/13	74.40	---	29.45	---	44.95
TF-11	04/03/13	74.40	---	29.35	---	45.05
TF-13	11/20/96	75.90	---	30.90	---	45.00
TF-13	07/01/97	75.90	30.90	30.95	0.05	44.99
TF-13	12/31/97	75.90	28.05	30.97	2.92	47.27
TF-13	05/01/98	75.90	30.65	31.10	0.45	45.16
TF-13	05/25/99	75.90	27.12	27.40	0.28	48.72
TF-13	05/15/00	75.90	31.25	31.65	0.40	44.57
TF-13	05/07/01	75.90	---	31.20	---	44.70
TF-13	04/08/02	75.47	---	28.10	---	47.37
TF-13	09/19/02	75.90	---	28.76	---	47.14
TF-13	10/21/02	75.90	---	31.10	---	44.80
TF-13	04/22/03	75.47	---	31.05	---	44.42
TF-13	10/06/03	75.47	---	27.65	---	47.82
TF-13	04/19/04	75.90	---	29.03	---	46.87
TF-13	11/01/04	75.90	---	28.05	---	47.85
TF-13	02/28/05	75.90	---	24.22	---	51.68
TF-13	05/02/05	75.90	---	22.24	---	53.66
TF-13	03/06/06	75.90	---	25.37	---	50.53
TF-13	05/01/06	75.90	---	25.22	---	50.68
TF-13	08/26/06	75.90	---	25.63	---	50.27
TF-13	12/01/06	75.90	---	25.96	---	49.94
TF-13	03/21/07	75.90	---	26.52	---	49.38
TF-13	04/30/07	75.90	---	26.52	---	49.38
TF-13	08/28/07	75.90	---	26.69	---	49.21
TF-13	11/12/07	75.47	---	27.11	---	48.36
TF-13	02/05/08	75.90	---	27.32	---	48.58
TF-13	04/14/08	75.90	---	26.73	---	49.17
TF-13	07/24/08	75.47	---	27.02	---	48.45
TF-13	10/14/08	75.90	---	27.81	---	48.09
TF-13	02/10/09	75.90	---	26.14	---	49.76
TF-13	07/17/09	75.90	---	27.81	---	48.09
TF-13	04/08/10	75.90	---	28.14	---	47.76
TF-13	10/01/10	75.47	---	28.63	---	46.84
TF-13	01/08/11	75.47	---	28.21	---	47.26
TF-13	04/07/11	75.47	---	26.85	---	48.62
TF-13	07/08/11	75.47	---	27.13	---	48.34
TF-13	10/07/11	75.47	---	27.63	---	47.84
TF-13	04/12/12	75.47	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-13	01/10/13	75.47	---	30.15	---	45.32
TF-13	04/03/13	75.47	---	30.00	---	45.47
TF-14	11/20/96	74.78	30.45	31.11	0.66	44.20
TF-14	07/01/97	74.78	30.60	31.10	0.50	44.08
TF-14	12/31/97	74.78	27.03	31.85	4.82	46.79
TF-14	05/01/98	74.78	29.95	30.75	0.80	44.67
TF-14	05/25/99	74.78	25.60	28.86	3.26	48.53
TF-14	05/15/00	74.78	26.65	27.95	1.30	47.87
TF-14	05/07/01	74.78	---	26.30	---	48.48
TF-14	04/08/02	74.35	28.40	28.48	0.08	45.93
TF-14	09/19/02	74.78	---	27.68	---	47.10
TF-14	10/21/02	74.78	---	28.42	---	46.36
TF-14	04/22/03	74.35	---	26.61	---	47.74
TF-14	10/06/03	74.35	---	26.52	---	47.83
TF-14	04/19/04	74.35	---	27.94	---	46.41
TF-14	11/01/04	74.35	---	27.24	---	47.11
TF-14	02/28/05	74.35	---	23.62	---	50.73
TF-14	05/02/05	74.35	---	22.51	---	51.84
TF-14	03/06/06	74.78	---	24.06	---	50.72
TF-14	05/01/06	74.78	---	24.13	---	50.65
TF-14	08/26/06	74.78	---	24.54	---	50.24
TF-14	12/01/06	74.78	---	24.82	---	49.96
TF-14	03/21/07	74.78	---	25.24	---	49.54
TF-14	04/30/07	74.78	---	25.37	---	49.41
TF-14	08/28/07	74.78	---	25.89	---	48.89
TF-14	11/12/07	74.35	---	25.91	---	48.44
TF-14	02/05/08	74.78	---	26.95	---	47.83
TF-14	04/14/08	74.78	---	26.55	---	48.23
TF-14	07/24/08	74.35	---	26.05	---	48.30
TF-14	10/14/08	74.78	---	26.63	---	48.15
TF-14	02/10/09	74.78	---	26.91	---	47.87
TF-14	07/17/09	74.78	---	26.91	---	47.87
TF-14	04/08/10	74.78	---	26.92	---	47.86
TF-14	10/01/10	74.35	---	27.42	---	46.93
TF-14	04/08/11	74.35	---	25.65	---	48.70
TF-14	07/08/11	74.35	---	25.93	---	48.42
TF-14	10/06/11	74.35	---	26.41	---	47.94
TF-14	04/12/12	74.35	---	27.49	---	46.86
TF-14	01/10/13	74.35	---	29.25	---	45.10
TF-14	04/03/13	74.35	---	28.76	---	45.59
TF-15	11/20/96	75.40	31.09	31.42	0.33	44.24
TF-15	07/01/97	75.40	31.40	31.65	0.25	43.95
TF-15	12/31/97	75.40	27.79	31.56	3.77	46.86
TF-15	05/01/98	75.40	28.35	30.05	1.70	46.71
TF-15	05/25/99	75.40	26.41	26.94	0.53	48.88
TF-15	05/15/00	75.40	28.90	29.54	0.64	46.37
TF-15	05/07/01	75.40	28.90	29.30	0.40	46.42
TF-15	04/08/02	74.78	---	27.56	---	47.22
TF-15	09/19/02	75.40	---	28.21	---	47.19
TF-15	10/21/02	75.40	29.00	29.24	0.24	46.35

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-15	04/22/03	74.78	---	27.45	---	47.33
TF-15	10/06/03	74.78	---	27.03	---	47.75
TF-15	04/19/04	74.78	---	28.17	---	46.61
TF-15	11/01/04	74.78	27.77	27.79	0.02	47.01
TF-15	02/28/05	74.78	---	23.05	---	51.73
TF-15	05/02/05	74.78	---	21.67	---	53.11
TF-15	03/06/06	75.40	---	23.91	---	51.49
TF-15	05/01/06	75.40	---	23.90	---	51.50
TF-15	08/26/06	75.40	---	24.49	---	50.91
TF-15	12/01/06	75.40	---	25.31	---	50.09
TF-15	03/21/07	75.40	---	25.18	---	50.22
TF-15	04/30/07	75.40	---	25.88	---	49.52
TF-15	08/28/07	75.40	---	25.62	---	49.78
TF-15	11/12/07	74.78	---	26.39	---	48.39
TF-15	02/05/08	75.40	---	26.42	---	48.98
TF-15	04/14/08	75.40	---	25.72	---	49.68
TF-15	07/24/08	74.78	---	26.72	---	48.06
TF-15	10/14/08	75.40	---	27.29	---	48.11
TF-15	02/10/09	75.40	---	27.78	---	47.62
TF-15	07/17/09	75.40	---	26.82	---	48.58
TF-15	04/08/10	75.40	---	27.43	---	47.97
TF-15	10/01/10	74.78	---	28.03	---	46.75
TF-15	01/08/11	74.78	---	27.55	---	47.23
TF-15	04/08/11	74.78	---	25.96	---	48.82
TF-15	07/08/11	74.78	---	26.33	---	48.45
TF-15	10/06/11	74.78	---	26.81	---	47.97
TF-15	04/12/12	74.78	---	27.94	---	46.84
TF-15	01/11/13	74.78	29.50	29.63	0.13	45.25
TF-15	04/03/13	74.78	---	29.22	---	45.56
TF-15	10/02/13	74.78	29.97	30.04	0.07	44.80
TF-15	04/09/14	74.78	30.22	32.25	2.03	44.15
TF-15	04/16/14	74.78	30.18	32.06	1.88	44.22
TF-15	10/27/14	74.78	30.31	30.86	0.55	44.36
TF-15	04/20/15	74.78	30.68	33.50	2.82	43.54
TF-15	04/11/16	74.78	---	NM	---	NC
TF-15	10/03/16	74.78	---	NM	---	NC
TF-15	04/20/17	74.78	---	31.88	---	42.90
TF-15	04/16/18	74.78	34.18	36.68	2.50	NC
TF-15	11/05/18	74.78	35.15	35.85	0.70	NC
TF-15	04/15/19	74.78	33.28	33.65	0.37	NC
TF-15	10/30/19	74.78	---	36.28	---	NC
TF-15	05/05/20	74.78	---	34.15	---	40.63
TF-15	11/02/20	75.40	---	34.29	---	40.49
TF-15	05/04/21	74.78	---	34.45	---	40.33
TF-16	11/20/96	76.48	32.52	32.75	0.23	43.91
TF-16	07/01/97	76.48	32.50	33.10	0.60	43.86
TF-16	12/31/97	76.48	28.69	32.79	4.10	46.97
TF-16	05/01/98	76.48	32.07	32.61	0.54	44.30
TF-16	05/25/99	76.48	27.82	27.90	0.08	48.64
TF-16	05/15/00	76.48	32.03	32.48	0.45	44.36

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-16	05/07/01	76.48	31.96	32.20	0.24	44.47
TF-16	04/08/02	75.89	31.40	31.49	0.09	44.47
TF-16	09/19/02	76.48	---	29.36	---	47.12
TF-16	10/21/02	76.48	---	32.21	---	44.27
TF-16	04/22/03	75.89	---	28.22	---	47.67
TF-16	10/06/03	75.89	---	28.10	---	47.79
TF-16	04/19/04	76.48	---	29.16	---	47.32
TF-16	11/01/04	76.48	---	28.95	---	47.53
TF-16	02/28/05	76.48	---	25.20	---	51.28
TF-16	05/02/05	76.48	---	23.70	---	52.78
TF-16	03/06/06	76.48	---	25.54	---	50.94
TF-16	05/01/06	76.48	---	25.66	---	50.82
TF-16	08/26/06	76.48	---	26.06	---	50.42
TF-16	12/01/06	76.48	---	26.45	---	50.03
TF-16	03/21/07	76.48	---	26.52	---	49.96
TF-16	04/30/07	76.48	---	27.04	---	49.44
TF-16	08/28/07	76.48	---	27.11	---	49.37
TF-16	11/12/07	75.89	---	27.60	---	48.29
TF-16	02/05/08	76.48	---	27.94	---	48.54
TF-16	04/14/08	76.48	---	27.17	---	49.31
TF-16	07/24/08	75.89	---	27.50	---	48.39
TF-16	10/14/08	76.48	---	28.37	---	48.11
TF-16	02/10/09	76.48	---	27.73	---	48.75
TF-16	04/20/09	75.89	---	27.63	---	48.26
TF-16	07/17/09	76.48	---	28.35	---	48.13
TF-16	10/19/09	75.89	---	29.66	---	46.23
TF-16	04/08/10	76.48	---	27.06	---	49.42
TF-16	04/12/10	75.89	---	27.36	---	48.53
TF-16	10/01/10	75.89	---	28.59	---	47.30
TF-16	01/08/11	75.89	---	28.72	---	47.17
TF-16	04/07/11	75.89	---	27.18	---	48.71
TF-16	07/08/11	75.89	---	27.51	---	48.38
TF-16	10/07/11	75.89	---	28.10	---	47.79
TF-16	04/12/12	75.89	---	29.05	---	46.84
TF-16	04/19/12	75.89	---	29.08	---	46.81
TF-16	01/11/13	75.89	---	30.63	---	45.26
TF-16	04/03/13	75.89	---	30.47	---	45.42
TF-16	04/08/13	75.89	---	30.25	---	45.64
TF-16	10/02/13	75.89	---	31.16	---	44.73
TF-16	04/09/14	75.89	---	31.68	---	44.21
TF-16	04/16/14	75.89	---	32.42	---	43.47
TF-16	10/27/14	75.89	31.58	32.92	1.34	44.04
TF-16	04/20/15	75.89	31.87	34.70	2.83	43.45
TF-16	04/11/16	75.89	33.41	36.15	2.74	41.93
TF-16	10/03/16	75.89	33.73	37.12	3.39	NC
TF-16	04/19/17	75.89	33.26	33.53	0.27	42.58
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-16	10/30/19	75.89	---	35.73	---	NC
TF-16	05/05/20	75.89	---	34.54	---	41.35
TF-16	11/02/20	76.48	---	34.88	---	41.01
TF-16	05/04/21	75.89	---	35.35	---	40.54
TF-17	11/20/96	75.26	30.00	30.53	0.53	45.15
TF-17	07/01/97	75.26	30.10	30.20	0.10	45.14
TF-17	12/31/97	75.26	---	27.50	---	47.76
TF-17	05/01/98	75.26	24.86	25.18	0.32	50.34
TF-17	05/25/99	75.26	25.40	28.24	2.84	49.29
TF-17	05/15/00	75.26	28.84	29.32	0.48	46.32
TF-17	05/07/01	75.26	---	26.20	---	49.06
TF-17	04/08/02	74.88	27.01	27.04	0.03	47.86
TF-17	09/19/02	75.26	---	28.68	---	46.58
TF-17	10/21/02	75.26	---	27.40	---	47.86
TF-17	04/22/03	74.88	27.85	27.99	0.14	47.00
TF-17	10/06/03	74.88	---	26.63	---	48.25
TF-17	04/19/04	75.26	27.32	28.83	1.51	47.64
TF-17	11/01/04	75.26	27.80	28.30	0.50	47.36
TF-17	02/28/05	75.26	22.62	23.33	0.71	52.50
TF-17	05/02/05	75.26	21.57	22.25	0.68	53.55
TF-17	03/06/06	75.26	23.42	23.98	0.56	51.73
TF-17	05/01/06	75.26	23.39	26.35	2.96	51.28
TF-17	08/26/06	75.26	24.08	26.52	2.44	50.69
TF-17	12/01/06	74.88	24.77	26.62	1.85	49.74
TF-17	03/21/07	75.26	24.67	25.02	0.35	50.52
TF-17	04/30/07	75.26	25.00	26.16	1.16	50.03
TF-17	11/09/07	74.88	25.35	26.01	0.66	49.40
TF-17	02/05/08	75.26	25.98	28.18	2.20	48.84
TF-17	07/24/08	75.26	26.15	27.29	1.14	48.88
TF-17	10/13/08	75.26	26.67	27.95	1.28	48.33
TF-17	02/10/09	75.26	26.05	27.66	1.61	48.89
TF-17	07/17/09	74.88	26.90	27.64	0.74	47.83
TF-17	04/08/10	74.88	26.76	26.78	0.02	48.12
TF-17	10/01/10	74.88	27.72	28.14	0.42	47.08
TF-17	04/08/11	74.88	---	25.74	---	49.14
TF-17	07/08/11	74.88	---	26.40	---	48.48
TF-17	10/06/11	74.88	---	27.07	---	47.81
TF-17	04/12/12	74.88	---	27.96	---	46.92
TF-17	01/11/13	74.88	---	29.55	---	45.33
TF-17	04/03/13	74.88	---	29.71	---	45.17
TF-17	10/02/13	74.88	---	30.42	---	44.46
TF-17	04/09/14	74.88	---	30.97	---	43.91
TF-17	04/16/14	74.88	---	30.59	---	44.29
TF-17	10/27/14	74.88	---	31.16	---	43.72
TF-17	11/02/20	75.26	---	36.21	---	41.42
TF-17R	04/16/18	77.63	36.22	37.29	1.07	NC
TF-17R	05/05/20	77.63	---	35.85	---	41.78
TF-17R	05/04/21	77.63	---	36.59	---	41.04
TF-17R/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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-17R/EP-72	10/30/19	77.63	---	36.56	---	NC
TF-18	05/25/99	73.94	24.22	25.83	1.61	49.40
TF-18	05/15/00	73.94	25.13	26.22	1.09	48.59
TF-18	05/07/01	73.94	---	25.30	---	48.64
TF-18	04/08/02	73.94	27.10	27.42	0.32	46.78
TF-18	09/19/02	73.94	25.80	26.89	1.09	47.92
TF-18	10/21/02	73.94	27.92	27.94	0.02	46.02
TF-18	04/22/03	73.94	---	28.11	---	45.83
TF-18	10/06/03	73.94	25.09	25.28	0.19	48.81
TF-18	04/19/04	73.94	---	26.00	---	47.94
TF-18	11/01/04	73.94	26.25	27.76	1.51	47.39
TF-18	02/28/05	73.94	---	22.27	---	51.67
TF-18	05/02/05	73.94	20.45	20.67	0.22	53.45
TF-18	03/06/06	73.94	22.62	22.67	0.05	51.31
TF-18	05/01/06	73.94	22.57	22.59	0.02	51.37
TF-18	08/26/06	73.94	23.14	23.29	0.15	50.77
TF-18	12/01/06	73.94	---	23.97	---	49.97
TF-18	03/21/07	73.94	23.91	24.02	0.11	50.01
TF-18	04/30/07	73.94	24.30	24.35	0.05	49.63
TF-18	11/09/07	73.94	---	24.85	---	49.09
TF-18	02/05/08	73.94	---	25.49	---	48.45
TF-18	07/24/08	73.94	---	24.97	---	48.97
TF-18	10/14/08	73.94	---	25.62	---	48.32
TF-18	02/10/09	73.94	---	25.88	---	48.06
TF-18	07/16/09	73.94	---	26.42	---	47.52
TF-18	04/08/10	73.94	25.70	25.73	0.03	48.23
TF-18	10/01/10	73.94	---	26.35	---	47.59
TF-18	01/08/11	73.94	26.65	26.86	0.21	47.25
TF-18	04/07/11	73.94	24.95	25.11	0.16	48.96
TF-18	07/08/11	73.94	25.30	25.40	0.10	48.62
TF-18	10/06/11	73.94	25.95	25.97	0.02	47.99
TF-18	04/12/12	73.94	---	27.30	---	46.64
TF-18	01/10/13	73.94	27.85	30.25	2.40	45.61
TF-18	04/03/13	73.94	28.04	28.80	0.76	45.75
TF-18	10/02/13	73.94	28.68	29.47	0.79	45.10
TF-18	04/09/14	73.94	29.37	30.90	1.53	44.26
TF-18	04/16/14	73.94	29.38	31.15	1.77	44.21
TF-18	10/27/14	73.94	29.48	30.91	1.43	44.17
TF-18	04/20/15	73.94	29.36	30.11	0.75	44.43
TF-18	04/11/16	73.94	31.12	34.08	2.96	42.23
TF-18	10/03/16	73.94	31.61	34.35	2.74	NC
TF-18	04/20/17	73.94	---	30.92	---	43.02
TF-18	09/27/17	73.74	31.42	33.12	1.70	NC
TF-18	04/16/18	73.74	32.67	35.60	2.93	NC
TF-18	11/05/18	73.94	33.30	35.98	2.68	NC
TF-18	04/15/19	73.94	32.45	32.46	0.01	NC
TF-18	10/30/19	74.16	---	33.09	---	41.07
TF-18	05/05/20	74.16	---	31.35	---	42.59
TF-18	11/02/20	73.94	---	31.37	---	42.79
TF-18	05/04/21	73.74	---	32.82	---	41.12

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-19	11/20/96	75.61	---	29.06	---	46.55
TF-19	07/01/97	75.61	29.20	29.30	0.10	46.39
TF-19	12/31/97	75.61	---	28.27	---	47.34
TF-19	05/01/98	75.61	---	25.70	---	49.91
TF-19	05/25/99	75.61	---	26.42	---	49.19
TF-19	05/15/00	75.61	32.33	32.90	0.57	43.17
TF-19	05/07/01	75.61	---	28.61	---	47.00
TF-19	04/08/02	75.07	---	26.40	---	48.67
TF-19	09/19/02	75.61	---	27.90	---	47.71
TF-19	10/21/02	75.61	---	27.08	---	48.53
TF-19	04/22/03	75.07	---	27.09	---	47.98
TF-19	10/06/03	75.07	---	26.87	---	48.20
TF-19	04/19/04	75.07	---	26.90	---	48.17
TF-19	11/01/04	75.61	---	28.20	---	47.41
TF-19	02/28/05	75.61	---	23.79	---	51.82
TF-19	05/02/05	75.61	---	22.25	---	53.36
TF-19	03/06/06	75.61	---	24.62	---	50.99
TF-19	05/01/06	75.61	---	24.60	---	51.01
TF-19	08/26/06	75.61	---	25.11	---	50.50
TF-19	12/01/06	75.61	---	25.60	---	50.01
TF-19	03/21/07	75.61	---	25.96	---	49.65
TF-19	04/30/07	75.61	---	26.07	---	49.54
TF-19	08/28/07	75.61	---	26.21	---	49.40
TF-19	11/12/07	75.61	---	26.66	---	48.95
TF-19	02/05/08	75.61	---	27.15	---	48.46
TF-19	04/14/08	75.61	---	26.12	---	49.49
TF-19	07/24/08	75.61	---	26.95	---	48.66
TF-19	10/14/08	75.61	---	27.40	---	48.21
TF-19	02/10/09	75.61	---	27.70	---	47.91
TF-19	07/16/09	75.61	---	27.69	---	47.92
TF-19	04/08/10	75.61	---	27.48	---	48.13
TF-19	10/01/10	75.07	---	28.11	---	46.96
TF-19	01/08/11	75.07	---	27.66	---	47.41
TF-19	04/07/11	75.07	---	25.96	---	49.11
TF-19	07/08/11	75.07	---	26.37	---	48.70
TF-19	10/06/11	75.07	---	27.00	---	48.07
TF-19	04/12/12	75.07	---	28.08	---	46.99
TF-19	01/10/13	75.07	---	29.38	---	45.69
TF-19	04/03/13	75.07	---	29.45	---	45.62
TF-19	10/02/13	75.07	---	30.14	---	44.93
TF-19	04/09/14	75.07	---	30.68	---	44.39
TF-19	04/16/14	75.07	30.75	30.76	0.01	44.32
TF-19	10/27/14	75.07	30.72	31.46	0.74	44.20
TF-19	04/20/15	75.07	30.77	33.03	2.26	43.85
TF-19	04/11/16	75.07	---	33.03	---	42.04
TF-19	10/03/16	75.07	---	32.92	---	42.15
TF-19	04/20/17	75.07	---	31.60	---	43.47
TF-19	10/03/17	75.07	---	32.73	---	42.34
TF-19	04/16/18	75.07	---	33.67	---	41.40
TF-19	11/05/18	75.07	---	34.28	---	40.79

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-19	05/10/19	75.07	---	32.36	---	42.71
TF-19	10/29/19	75.07	---	33.14	---	41.93
TF-19	05/05/20	75.07	---	32.58	---	42.49
TF-19	10/19/20	75.61	---	32.63	---	42.44
TF-19	11/02/20	75.61	---	32.63	---	42.44
TF-19	05/04/21	75.07	---	33.33	---	41.74
TF-20	11/20/96	75.59	---	29.02	---	46.57
TF-20	07/01/97	75.59	---	29.40	---	46.19
TF-20	12/31/97	75.59	---	28.49	---	47.10
TF-20	05/01/98	75.59	---	25.93	---	49.66
TF-20	05/25/99	75.59	---	26.74	---	48.85
TF-20	05/15/00	75.59	---	31.44	---	44.15
TF-20	05/07/01	75.59	---	27.96	---	47.63
TF-20	04/08/02	75.08	---	31.40	---	43.68
TF-20	09/19/02	75.59	---	28.52	---	47.07
TF-20	10/21/02	75.59	---	31.29	---	44.30
TF-20	04/22/03	75.08	---	31.28	---	43.80
TF-20	10/06/03	75.08	---	27.60	---	47.48
TF-20	04/19/04	75.08	---	27.78	---	47.30
TF-20	11/01/04	75.59	---	28.88	---	46.71
TF-20	02/28/05	75.59	---	24.92	---	50.67
TF-20	05/02/05	75.59	---	22.54	---	53.05
TF-20	03/06/06	75.59	24.34	24.48	0.14	51.22
TF-20	05/01/06	75.59	24.67	27.70	3.03	50.31
TF-20	08/26/06	75.59	25.05	28.68	3.63	49.81
TF-20	12/01/06	75.59	25.48	29.67	4.19	49.27
TF-20	03/21/07	75.59	25.42	25.49	0.07	50.16
TF-20	04/30/07	75.59	---	25.84	---	49.75
TF-20	11/09/07	75.59	26.45	29.02	2.57	48.63
TF-20	02/05/08	75.08	27.47	28.65	1.18	47.37
TF-20	07/24/08	75.08	---	27.51	---	47.57
TF-20	10/13/08	75.08	---	28.28	---	46.80
TF-20	02/10/09	75.08	27.24	27.85	0.61	47.72
TF-20	07/17/09	75.08	---	28.02	---	47.06
TF-20	04/08/10	75.08	---	27.59	---	47.49
TF-20	10/01/10	75.08	---	28.47	---	46.61
TF-20	01/08/11	75.08	---	28.73	---	46.35
TF-20	04/08/11	75.08	---	26.90	---	48.18
TF-20	07/08/11	75.08	---	27.45	---	47.63
TF-20	10/06/11	75.08	---	28.05	---	47.03
TF-20	04/12/12	75.08	---	28.88	---	46.20
TF-20	01/11/13	75.08	30.38	30.43	0.05	44.69
TF-20	04/03/13	75.08	30.30	30.32	0.02	44.78
TF-20	10/02/13	75.08	30.93	30.95	0.02	44.15
TF-20	04/09/14	75.08	---	31.47	---	43.61
TF-20	04/16/14	75.08	31.32	31.35	0.03	43.75
TF-20	10/27/14	75.08	31.76	31.79	0.03	43.31
TF-20	11/02/20	75.59	---	33.87	---	41.39
TF-20R	10/03/17	75.26	---	33.41	---	41.85
TF-20R	04/16/18	75.26	---	34.25	---	41.01

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-20R	11/05/18	75.26	---	34.95	---	40.31
TF-20R	04/22/19	75.26	---	33.05	---	42.21
TF-20R	10/29/19	75.26	---	34.00	---	41.26
TF-20R	05/05/20	75.26	---	33.97	---	41.29
TF-20R	05/04/21	75.26	---	34.87	---	40.39
TF-21	11/20/96	75.60	29.83	29.91	0.08	45.75
TF-21	07/01/97	75.60	30.80	31.10	0.30	44.74
TF-21	12/31/97	75.60	---	28.35	---	47.25
TF-21	05/01/98	75.60	---	25.56	---	50.04
TF-21	05/01/98	75.60	---	NM	0.05	NC
TF-21	05/25/99	75.60	26.49	26.58	0.09	49.09
TF-21	05/15/00	75.60	28.68	29.04	0.36	46.85
TF-21	05/07/01	75.60	---	29.81	---	45.79
TF-21	04/08/02	74.96	---	28.50	---	46.46
TF-21	09/19/02	75.60	---	28.63	---	46.97
TF-21	10/21/02	75.60	---	30.16	---	45.44
TF-21	04/22/03	74.96	---	27.62	---	47.34
TF-21	10/06/03	74.96	---	26.55	---	48.41
TF-21	04/19/04	74.96	---	27.28	---	47.68
TF-21	11/01/04	75.60	---	27.88	---	47.72
TF-21	02/28/05	75.60	---	23.76	---	51.84
TF-21	05/02/05	75.60	---	22.00	---	53.60
TF-21	03/06/06	75.60	---	24.06	---	51.54
TF-21	05/01/06	75.60	---	24.09	---	51.51
TF-21	08/26/06	75.60	---	24.76	---	50.84
TF-21	12/01/06	75.60	---	25.22	---	50.38
TF-21	03/21/07	75.60	---	25.51	---	50.09
TF-21	04/30/07	75.60	---	25.72	---	49.88
TF-21	08/28/07	75.60	---	26.17	---	49.43
TF-21	11/12/07	74.76	---	26.35	---	48.41
TF-21	02/05/08	75.60	---	27.25	---	48.35
TF-21	04/14/08	75.60	---	25.93	---	49.67
TF-21	07/24/08	74.96	---	26.51	---	48.45
TF-21	10/13/08	74.96	---	27.10	---	47.86
TF-21	02/10/09	75.60	---	26.72	---	48.88
TF-21	04/20/09	74.96	---	21.85	---	53.11
TF-21	07/17/09	75.60	---	27.31	---	48.29
TF-21	10/19/09	74.96	---	29.84	---	45.12
TF-21	04/08/10	75.60	---	27.30	---	48.30
TF-21	04/12/10	74.96	---	27.00	---	47.96
TF-21	10/01/10	74.96	---	NM	---	NC
TF-21	01/08/11	74.96	---	27.89	---	47.07
TF-21	04/08/11	74.96	---	26.09	---	48.87
TF-21	07/08/11	74.96	---	26.59	---	48.37
TF-21	10/06/11	74.96	---	27.23	---	47.73
TF-21	04/12/12	74.96	---	28.16	---	46.80
TF-21	04/20/12	74.96	---	28.14	---	46.82
TF-21	01/11/13	74.96	---	29.63	---	45.33
TF-21	04/03/13	74.96	---	29.43	---	45.53
TF-21	04/08/13	74.96	---	29.90	---	45.06

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-21	10/02/13	74.96	---	30.15	---	44.81
TF-21	04/09/14	74.96	---	30.68	---	44.28
TF-21	04/16/14	74.96	---	30.66	---	44.30
TF-21	10/27/14	74.96	---	30.92	---	44.04
TF-21	04/20/15	74.96	---	31.26	---	43.70
TF-21	04/11/16	74.96	---	NM	---	NC
TF-21	10/03/16	---	---	36.31	---	NC
TF-21	04/19/17	74.96	---	35.32	---	39.64
TF-21	10/03/17	77.91	---	36.13	---	41.78
TF-21	04/16/18	77.91	---	36.98	---	40.93
TF-21	11/05/18	77.91	---	37.23	---	40.68
TF-21	04/22/19	77.91	---	35.42	---	42.49
TF-21	10/28/19	77.91	---	36.46	---	41.45
TF-21	05/05/20	77.91	---	37.23	---	40.68
TF-21	11/02/20	75.60	---	36.45	---	41.46
TF-21	05/03/21	77.91	---	38.11	---	39.80
TF-22	11/20/96	74.95	30.56	31.98	1.42	44.11
TF-22	07/01/97	74.95	30.70	31.00	0.30	44.19
TF-22	12/31/97	74.95	28.01	28.90	0.89	46.76
TF-22	05/01/98	74.95	23.57	25.24	1.67	51.05
TF-22	05/25/99	74.95	26.02	26.44	0.42	48.85
TF-22	05/15/00	74.95	32.65	32.96	0.31	42.24
TF-22	05/07/01	74.95	32.70	33.01	0.31	42.19
TF-22	04/08/02	74.76	32.80	32.98	0.18	41.92
TF-22	09/19/02	74.95	---	27.63	---	47.32
TF-22	10/21/02	74.95	31.42	32.60	0.02	42.37
TF-22	04/22/03	74.76	---	27.60	---	47.16
TF-22	10/06/03	74.76	---	26.37	---	48.39
TF-22	04/19/04	74.95	27.30	27.32	0.02	47.65
TF-22	11/01/04	74.95	---	27.52	---	47.43
TF-22	02/28/05	74.95	---	23.49	---	51.46
TF-22	05/02/05	74.95	---	21.88	---	53.07
TF-22	03/06/06	74.95	---	23.98	---	50.97
TF-22	05/01/06	74.95	---	23.99	---	50.96
TF-22	08/26/06	74.95	---	24.42	---	50.53
TF-22	12/01/06	74.95	---	24.97	---	49.98
TF-22	03/21/07	74.95	---	25.24	---	49.71
TF-22	04/30/07	74.95	25.50	25.51	0.01	49.45
TF-22	08/28/07	74.95	---	26.07	---	48.88
TF-22	11/12/07	74.95	---	26.03	---	48.92
TF-22	02/05/08	74.95	---	26.87	---	48.08
TF-22	04/14/08	74.95	---	25.59	---	49.36
TF-22	07/24/08	74.95	---	26.40	---	48.55
TF-22	10/13/08	74.95	---	27.06	---	47.89
TF-22	02/10/09	74.95	---	26.32	---	48.63
TF-22	07/17/09	74.95	---	27.61	---	47.34
TF-22	04/08/10	74.95	---	28.24	---	46.71
TF-22	10/01/10	74.76	---	27.58	---	47.18
TF-22	04/08/11	74.76	---	25.92	---	48.84
TF-22	07/08/11	74.76	---	26.30	---	48.46

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-22	10/06/11	74.76	---	26.95	---	47.81
TF-22	04/12/12	74.76	---	27.90	---	46.86
TF-22	01/11/13	74.76	---	29.35	---	45.41
TF-22	04/03/13	74.76	---	29.15	---	45.61
TF-23	05/25/99	75.31	---	26.12	---	49.19
TF-23	05/15/00	75.31	27.35	27.38	0.03	47.95
TF-23	05/07/01	75.31	---	27.30	---	48.01
TF-23	04/08/02	75.31	---	28.74	---	46.57
TF-23	09/19/02	75.31	---	27.55	---	47.76
TF-23	10/21/02	75.31	31.24	31.44	0.20	44.03
TF-23	04/22/03	74.76	---	NM	---	NC
TF-23	10/06/03	75.31	---	26.52	---	48.79
TF-23	04/19/04	75.31	---	27.51	---	47.80
TF-23	11/01/04	75.31	---	27.60	---	47.71
TF-23	02/28/05	75.31	---	23.89	---	51.42
TF-23	05/02/05	75.31	---	22.32	---	52.99
TF-23	03/06/06	75.31	---	24.21	---	51.10
TF-23	05/01/06	75.31	---	24.31	---	51.00
TF-23	03/21/07	75.31	---	25.51	---	49.80
TF-23	04/30/07	75.31	---	25.67	---	49.64
TF-23	11/12/07	75.31	---	26.20	---	49.11
TF-23	02/05/08	75.31	---	26.75	---	48.56
TF-23	04/14/08	75.31	---	25.81	---	49.50
TF-23	07/24/08	75.31	---	26.45	---	48.86
TF-23	10/13/08	75.31	---	27.15	---	48.16
TF-23	02/10/09	75.31	---	26.46	---	48.85
TF-23	07/17/09	75.31	---	26.93	---	48.38
TF-23	04/08/10	75.31	---	27.20	---	48.11
TF-23	10/01/10	75.31	---	27.67	---	47.64
TF-23	01/08/11	75.31	---	27.88	---	47.43
TF-23	04/08/11	75.31	---	26.43	---	48.88
TF-23	07/08/11	75.31	---	26.76	---	48.55
TF-23	10/06/11	75.31	---	27.34	---	47.97
TF-23	04/12/12	75.31	28.38	28.41	0.03	46.92
TF-23	01/11/13	75.31	---	29.67	---	45.64
TF-23	04/03/13	75.31	29.60	29.70	0.10	45.69
TF-23	10/02/13	75.31	30.34	30.56	0.22	44.93
TF-23	04/09/14	75.31	30.92	31.16	0.24	44.34
TF-23	04/16/14	75.31	30.90	31.08	0.18	44.37
TF-23	10/27/14	75.31	31.15	31.16	0.01	44.16
TF-23	04/20/15	75.31	31.51	31.54	0.03	43.79
TF-23	04/11/16	75.31	32.84	33.11	0.27	42.42
TF-23	10/03/16	75.31	33.25	33.64	0.39	NC
TF-23	04/20/17	75.31	---	32.50	---	42.81
TF-23	10/03/17	75.31	---	NM	---	NC
TF-23	04/16/18	75.31	---	NM	---	NC
TF-23	11/05/18	75.31	---	NM	---	NC
TF-23	04/22/19	75.31	---	33.04	---	42.27
TF-23	10/29/19	75.31	---	33.97	---	NC
TF-23	05/05/20	75.31	---	33.01	---	42.30

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-23	11/02/20	75.31	---	33.95	---	41.36
TF-23	05/03/21	75.31	---	34.64	---	40.67
TF-24	12/31/97	76.36	---	30.05	---	46.31
TF-24	05/01/98	76.36	---	27.19	---	49.17
TF-24	05/25/99	72.43	27.10	29.04	1.94	44.94
TF-24	05/15/00	76.36	27.82	29.42	1.60	48.22
TF-24	05/07/01	76.36	---	NM	---	NC
TF-24	04/08/02	76.43	---	29.19	---	47.24
TF-24	10/21/02	76.35	---	28.12	---	48.23
TF-24	04/22/03	76.35	27.95	28.65	0.70	48.26
TF-24	11/01/04	76.43	---	29.40	---	47.03
TF-24	02/28/05	76.43	---	24.77	---	51.66
TF-24	05/02/05	76.43	---	24.78	---	51.65
TF-24	03/06/06	76.43	24.92	25.86	0.94	51.32
TF-24	05/01/06	76.43	---	26.21	---	50.22
TF-24	08/26/06	76.43	---	26.59	---	49.84
TF-24	03/21/07	76.43	25.88	26.52	0.64	50.42
TF-24	11/12/07	76.43	---	28.03	---	48.40
TF-24	04/11/08	76.43	---	27.80	---	48.63
TF-24	07/24/08	76.43	---	28.10	---	48.33
TF-24	10/13/08	76.43	---	28.90	---	47.53
TF-24	02/09/09	76.43	---	29.90	---	46.53
TF-24	07/16/09	76.43	---	29.11	---	47.32
TF-24	04/07/10	76.43	---	29.20	---	47.23
TF-24	10/01/10	76.43	---	29.45	---	46.98
TF-24	01/08/11	76.43	---	29.45	---	46.98
TF-24	04/08/11	76.43	---	28.23	---	48.20
TF-24	07/07/11	76.43	---	28.47	---	47.96
TF-24	10/07/11	76.43	---	28.98	---	47.45
TF-24	04/12/12	76.43	---	29.98	---	46.45
TF-24	01/10/13	76.43	---	31.13	---	45.30
TF-24	04/02/13	76.43	---	31.11	---	45.32
TF-24	10/01/13	76.43	---	31.84	---	44.59
TF-24	04/07/14	76.43	---	32.62	---	43.81
TF-24	04/17/14	76.43	---	32.35	---	44.08
TF-24	10/27/14	76.43	---	32.90	---	43.53
TF-24	04/20/15	76.43	---	33.21	---	43.22
TF-24	04/11/16	76.43	---	NM	---	NC
TF-24	10/03/16	76.43	---	34.85	---	41.58
TF-24	04/19/17	76.43	---	34.15	---	42.28
TF-24	10/02/17	76.43	---	36.20	---	40.23
TF-24	04/16/18	76.43	---	36.78	---	39.65
TF-24	11/05/18	76.43	---	37.33	---	39.10
TF-24	04/19/19	76.43	---	36.09	---	40.34
TF-24	10/29/19	76.43	---	37.09	---	39.34
TF-24	05/05/20	76.43	---	37.28	---	39.15
TF-24	11/02/20	76.35	---	36.98	---	39.45
TF-24	05/03/21	76.43	---	37.63	---	38.80
OLD_TF-24	11/20/96	76.36	---	31.18	---	45.18
OLD_TF-24	04/27/07	76.36	---	27.39	---	48.97

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-25	05/07/01	74.85	---	26.56	---	48.29
TF-25	04/08/02	74.85	---	28.55	---	46.30
TF-25	09/19/02	74.85	---	28.70	---	46.15
TF-25	10/21/02	74.85	---	27.82	---	47.03
TF-25	04/22/03	74.85	---	29.61	---	45.24
TF-25	10/06/03	74.85	---	27.54	---	47.31
TF-25	04/19/04	74.85	---	28.96	---	45.89
TF-25	11/01/04	74.85	---	28.15	---	46.70
TF-25	02/28/05	74.85	---	24.44	---	50.41
TF-25	05/02/05	74.85	---	23.72	---	51.13
TF-25	03/06/06	74.85	---	24.81	---	50.04
TF-25	05/01/06	74.85	---	25.10	---	49.75
TF-25	08/26/06	74.85	---	25.48	---	49.37
TF-25	12/01/06	74.85	---	25.79	---	49.06
TF-25	03/21/07	74.85	---	26.00	---	48.85
TF-25	04/30/07	74.85	---	26.34	---	48.51
TF-25	08/28/07	74.85	---	26.89	---	47.96
TF-25	11/12/07	74.85	---	26.13	---	48.72
TF-25	02/05/08	74.85	---	27.71	---	47.14
TF-25	04/11/08	74.85	---	26.61	---	48.24
TF-25	07/24/08	74.85	---	26.95	---	47.90
TF-25	10/14/08	74.85	---	27.62	---	47.23
TF-25	02/10/09	74.85	---	27.62	---	47.23
TF-25	07/16/09	---	---	28.88	---	NC
TF-25	04/08/10	74.85	---	27.95	---	46.90
TF-25	10/01/10	74.85	---	27.63	---	47.22
TF-25	01/08/11	74.85	---	27.63	---	47.22
TF-25	04/08/11	74.85	---	26.40	---	48.45
TF-25	07/08/11	74.85	---	26.63	---	48.22
TF-25	10/07/11	74.85	---	27.27	---	47.58
TF-25	04/12/12	74.85	---	28.29	---	46.56
TF-25	01/11/13	74.85	---	29.65	---	45.20
TF-25	04/03/13	74.85	---	29.49	---	45.36
TF-25	04/09/14	74.85	---	30.98	---	43.87
TF-26	05/07/01	75.85	---	27.83	---	48.02
TF-26	04/08/02	75.85	---	29.12	---	46.73
TF-26	09/19/02	75.85	---	29.52	---	46.33
TF-26	10/21/02	75.85	---	28.82	---	47.03
TF-26	04/22/03	75.85	---	28.60	---	47.25
TF-26	10/06/03	75.85	---	28.42	---	47.43
TF-26	04/19/04	75.85	---	29.71	---	46.14
TF-26	11/01/04	75.85	---	29.18	---	46.67
TF-26	02/28/05	75.85	---	25.38	---	50.47
TF-26	05/02/05	75.85	---	24.62	---	51.23
TF-26	03/06/06	75.85	---	25.62	---	50.23
TF-26	05/01/06	75.85	---	26.04	---	49.81
TF-26	08/26/06	75.85	---	26.40	---	49.45
TF-26	12/01/06	75.85	---	26.78	---	49.07
TF-26	03/21/07	75.85	---	26.84	---	49.01
TF-26	04/27/07	75.85	---	27.18	---	48.67

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TF-26	08/28/07	75.85	---	27.06	---	48.79
TF-26	11/12/07	75.85	---	27.80	---	48.05
TF-26	02/05/08	75.85	---	28.11	---	47.74
TF-26	04/11/08	75.85	---	27.59	---	48.26
TF-26	07/24/08	75.85	---	28.01	---	47.84
TF-26	10/13/08	75.85	---	28.59	---	47.26
TF-26	02/09/09	75.85	---	27.91	---	47.94
TF-26	07/17/09	---	---	28.87	---	NC
TF-26	04/07/10	75.85	---	28.11	---	47.74
TF-26	10/01/10	75.85	---	28.41	---	47.44
TF-26	04/08/11	75.85	---	27.20	---	48.65
TF-26	07/07/11	75.85	---	27.50	---	48.35
TF-26	10/06/11	75.85	---	22.97	---	52.88
TF-26	04/12/12	75.85	---	29.04	---	46.81
TF-26	01/10/13	75.85	---	30.21	---	45.64
TF-26	04/02/13	75.85	30.55	31.39	0.84	45.13
TF-26	04/09/14	75.85	31.48	32.58	1.10	44.15
TFR-9	04/16/18	---	35.94	38.43	2.49	NC
TFR-9	11/05/18	---	36.20	38.40	2.20	NC
TFR-9	04/15/19	---	---	35.61	---	NC
TFR-9	10/30/19	---	---	NM	---	NC
TFR-9	05/05/20	77.06	---	35.29	---	41.77
TFR-9	11/02/20	77.06	---	35.45	---	41.61
TFR-9	05/06/21	77.06	---	35.52	---	41.54
TFR-12	04/16/18	---	35.57	38.23	2.66	NC
TFR-12	11/05/18	---	35.66	39.21	3.55	NC
TFR-12	04/15/19	---	35.51	35.52	0.01	NC
TFR-12	10/30/19	---	---	NM	---	NC
TFR-12	05/05/20	76.81	---	35.47	---	41.34
TFR-12	11/02/20	76.81	---	35.51	---	41.30
TFR-12	05/06/21	76.81	---	35.48	---	41.33
TFR-14	04/16/18	---	36.18	36.80	0.62	NC
TFR-14	11/05/18	---	36.80	37.29	0.49	NC
TFR-14	04/15/19	---	35.98	36.06	0.08	NC
TFR-14	10/30/19	---	---	NM	---	NC
TFR-14	05/05/20	77.34	---	34.99	---	42.35
TFR-14	11/02/20	77.34	---	35.89	---	41.45
TFR-14	05/06/21	77.34	---	36.01	---	41.33
TFR-15	04/16/18	---	35.88	36.55	0.67	NC
TFR-15	11/05/18	---	36.10	38.00	1.90	NC
TFR-15	04/15/19	---	35.34	35.80	0.46	NC
TFR-15	10/30/19	---	---	NM	---	NC
TFR-15	05/05/20	76.89	---	35.72	---	41.17
TFR-15	11/02/20	76.89	---	35.70	---	41.19
TFR-15	05/06/21	76.89	---	36.60	---	40.29
TFR-18	04/16/18	---	33.82	34.61	0.79	NC
TFR-18	11/05/18	---	34.59	35.50	0.91	NC
TFR-18	04/15/19	---	33.72	33.75	0.03	NC
TFR-18	10/30/19	---	---	NM	---	NC
TFR-18	05/05/20	75.18	---	33.82	---	41.36

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
TFR-18	11/02/20	75.18	---	34.01	---	41.17
TFR-18	05/06/21	75.18	---	34.43	---	40.75
TFR-22	04/16/18	---	32.60	37.85	5.25	NC
TFR-22	11/05/18	---	33.51	36.59	3.08	NC
TFR-22	04/15/19	---	33.09	33.52	0.43	NC
TFR-22	10/30/19	---	---	NM	---	NC
TFR-22	05/05/20	74.65	33.38	33.94	0.56	41.16
TFR-22	11/02/20	74.65	34.50	35.54	1.04	40.15
TFR-22R	05/06/21	74.65	33.21	36.93	3.72	40.70
TFR-24	04/16/18	---	33.86	36.64	2.78	NC
TFR-24	11/05/18	---	33.30	36.75	3.45	NC
TFR-24	04/15/19	---	32.84	32.98	0.14	NC
TFR-24	10/30/19	---	---	NM	---	NC
TFR-24	05/05/20	74.42	33.85	33.87	0.02	40.57
TFR-24	11/02/20	74.42	---	33.61	---	41.51
TFR-24	05/06/21	74.42	33.87	34.02	0.15	40.52
TFR-27	04/16/18	---	34.08	36.90	2.82	NC
TFR-27	11/05/18	---	33.49	35.21	1.72	NC
TFR-27	04/15/19	---	33.80	34.06	0.26	NC
TFR-27	10/30/19	---	---	NM	---	NC
TFR-27	05/05/20	74.65	---	33.83	---	40.82
TFR-27	11/02/20	74.65	---	33.84	---	40.81
TFR-27	05/06/21	74.65	---	33.60	---	41.05
TFR-29	04/16/18	---	32.26	39.68	7.42	NC
TFR-29	11/05/18	---	33.15	37.95	4.80	NC
TFR-29	04/15/19	---	32.70	34.75	2.05	NC
TFR-29	10/30/19	---	---	NM	---	NC
TFR-29	05/05/20	74.69	32.59	36.52	3.93	41.31
TFR-29	11/02/20	74.69	32.16	32.17	0.01	NC
TFR-29	05/06/21	74.69	32.94	35.97	3.03	41.14
TFR-33	04/16/18	---	34.40	37.12	2.72	NC
TFR-33	11/05/18	---	34.20	37.10	2.90	NC
TFR-33	04/15/19	---	33.28	33.80	0.52	NC
TFR-33	10/30/19	---	---	NM	---	NC
TFR-33	05/05/20	75.12	---	33.88	---	41.24
TFR-33	11/02/20	75.12	---	33.61	---	41.51
TFR-33	05/06/21	75.12	---	DRY	---	DRY
VE-1	04/07/03	77.70	---	29.55	---	48.15
VE-1	10/06/03	77.70	---	29.39	---	48.31
VE-1	04/19/04	77.70	---	30.17	---	47.53
VE-1	11/01/04	77.70	---	30.05	---	47.65
VE-1	05/01/06	77.70	---	26.58	---	51.12
VE-1	04/11/08	77.70	---	28.68	---	49.02
VE-1	10/13/08	77.70	---	29.78	---	47.92
VE-1	04/08/10	---	---	30.02	---	NC
VE-2	04/07/03	77.26	---	28.95	---	48.31
VE-2	10/06/03	77.26	---	28.89	---	48.37
VE-2	04/19/04	77.26	---	30.02	---	47.24
VE-2	11/01/04	77.26	---	29.69	---	47.57
VE-2	05/01/06	77.26	---	25.93	---	51.33

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
VE-2	04/11/08	77.26	---	28.25	---	49.01
VE-2	10/13/08	77.26	---	29.33	---	47.93
VE-2	04/07/10	---	---	30.36	---	NC
VEW-1	08/07/01	74.32	---	NM	---	NC
VEW-1	10/04/10	---	---	NM	---	NC
VEW-1	04/11/11	---	---	NM	---	NC
VEW-1	10/10/11	---	---	DRY	---	NC
VEW-1	04/16/12	---	---	NM	---	NC
VEW-1	07/09/12	---	---	NM	---	NC
VEW-1	10/15/12	---	---	DRY	---	NC
VEW-1	04/08/13	---	---	DRY	---	NC
VEW-1	10/07/13	---	---	DRY	---	NC
VEW-1	10/27/14	---	---	DRY	---	NC
VEW-1	04/20/15	---	---	DRY	---	NC
VEW-1	10/19/15	---	---	DRY	---	NC
VEW-1	04/11/16	---	---	DRY	---	NC
VEW-1	10/03/16	---	---	DRY	---	NC
VEW-1	10/03/16	---	---	DRY	---	NC
VEW-1	04/17/17	---	---	DRY	---	NC
VEW-1	10/02/17	---	---	DRY	---	NC
VEW-1	04/16/18	---	---	DRY	---	NC
VEW-1	11/05/18	---	---	DRY	---	NC
VEW-1	04/16/19	---	---	NM	---	NC
VEW-1	10/28/19	---	---	DRY	---	NC
VEW-1	05/04/20	---	---	DRY	---	NC
VEW-1	11/02/20	---	---	DRY	---	NC
VEW-1	05/03/21	---	---	DRY	---	DRY
VEW-2	08/07/01	76.57	---	NM	---	NC
VEW-2	10/04/10	---	---	NM	---	NC
VEW-2	04/11/11	---	---	NM	---	NC
VEW-2	10/10/11	---	---	DRY	---	NC
VEW-2	04/16/12	---	---	NM	---	NC
VEW-2	07/09/12	---	---	NM	---	NC
VEW-2	10/15/12	---	---	DRY	---	NC
VEW-2	04/08/13	---	---	DRY	---	NC
VEW-2	10/07/13	---	---	DRY	---	NC
VEW-2	10/27/14	---	---	DRY	---	NC
VEW-2	04/20/15	---	---	DRY	---	NC
VEW-2	10/19/15	---	---	DRY	---	NC
VEW-2	04/11/16	---	---	DRY	---	NC
VEW-2	10/03/16	---	---	DRY	---	NC
VEW-2	10/03/16	---	---	DRY	---	NC
VEW-2	04/17/17	---	---	DRY	---	NC
VEW-2	10/02/17	---	---	DRY	---	NC
VEW-2	04/16/18	---	---	DRY	---	NC
VEW-2	11/05/18	---	---	DRY	---	NC
VEW-2	04/16/19	---	---	NM	---	NC
VEW-2	10/28/19	---	---	DRY	---	NC
VEW-2	05/04/20	---	---	DRY	---	NC
VEW-2	11/02/20	---	---	DRY	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
VEW-2	05/03/21	---	---	DRY	---	DRY
VS-01	10/06/03	---	---	26.30	---	NC
VS-01	04/19/04	---	---	26.88	---	NC
VS-01	05/01/06	---	---	23.95	---	NC
VS-01	05/01/06	---	---	24.01	---	NC
VS-01	12/01/06	---	---	24.81	---	NC
VS-01	12/01/06	---	---	24.92	---	NC
VS-01	11/12/07	---	---	24.81	---	NC
VS-01	11/12/07	---	---	24.92	---	NC
VS-01	04/14/08	---	---	25.18	---	NC
VS-01	04/14/08	---	---	25.48	---	NC
VS-01	10/14/08	---	---	26.69	---	NC
VS-01	10/14/08	---	---	26.87	---	NC
VS-02	10/06/03	---	---	25.63	---	NC
VS-02	04/19/04	---	---	25.08	---	NC
VS-02	04/27/07	---	---	25.50	---	NC
VS-03	10/06/03	---	---	27.04	---	NC
VS-03	04/19/04	---	---	28.25	---	NC
VS-03	05/01/06	---	---	24.21	---	NC
VS-03	05/01/06	---	---	24.36	---	NC
VS-03	12/01/06	---	---	25.18	---	NC
VS-03	12/01/06	---	---	25.21	---	NC
VS-03	04/27/07	---	---	25.51	---	NC
VS-03	04/30/07	---	---	25.51	---	NC
VS-03	11/12/07	---	---	26.01	---	NC
VS-03	11/12/07	---	---	26.33	---	NC
VS-03	04/11/08	---	---	25.56	---	NC
VS-03	04/11/08	---	---	25.90	---	NC
VS-03	10/14/08	---	---	26.60	---	NC
VS-03	10/14/08	---	---	26.85	---	NC
VS-03	04/08/10	---	---	26.48	---	NC
VS-03	04/08/10	---	---	27.10	---	NC
WCW-1	11/20/96	72.86	---	26.13	---	46.73
WCW-1	07/01/97	72.86	---	26.77	---	46.09
WCW-1	12/31/97	72.86	---	26.09	---	46.77
WCW-1	05/01/98	72.86	---	24.21	---	48.65
WCW-1	02/02/99	72.86	---	23.24	---	49.62
WCW-1	05/04/99	72.86	---	23.78	---	49.08
WCW-1	08/09/99	72.86	---	24.15	---	48.71
WCW-1	11/15/99	72.86	---	24.27	---	48.59
WCW-1	02/28/00	72.86	---	24.31	---	48.55
WCW-1	05/15/00	72.86	---	27.79	---	45.07
WCW-1	08/28/00	72.86	---	24.68	---	48.18
WCW-1	11/13/00	72.86	---	24.66	---	48.20
WCW-1	02/05/01	72.86	---	24.60	---	48.26
WCW-1	05/07/01	72.86	---	23.99	---	48.87
WCW-1	09/18/01	72.86	---	23.68	---	49.18
WCW-1	01/29/02	72.86	---	23.85	---	49.01
WCW-1	04/08/02	72.86	---	24.13	---	48.73
WCW-1	10/21/02	72.86	---	24.65	---	48.21

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-1	04/07/03	72.86	---	24.65	---	48.21
WCW-1	10/06/03	72.86	---	24.49	---	48.37
WCW-1	04/19/04	72.86	---	24.98	---	47.88
WCW-1	05/10/04	72.86	---	24.93	---	47.93
WCW-1	11/01/04	72.86	---	25.26	---	47.60
WCW-1	05/02/05	72.86	---	22.57	---	50.29
WCW-1	05/01/06	72.86	---	22.13	---	50.73
WCW-1	12/01/06	72.86	---	22.91	---	49.95
WCW-1	04/30/07	72.86	---	22.20	---	50.66
WCW-1	11/12/07	72.86	---	23.52	---	49.34
WCW-1	04/14/08	72.86	---	23.57	---	49.29
WCW-1	10/14/08	72.86	---	24.19	---	48.67
WCW-1	04/20/09	72.86	---	24.26	---	48.60
WCW-1	01/12/10	72.86	---	25.91	---	46.95
WCW-1	05/24/10	72.86	---	25.10	---	47.76
WCW-1	05/28/10	72.86	---	25.05	---	47.81
WCW-1	10/01/10	72.86	---	25.29	---	47.57
WCW-1	04/08/11	72.86	---	24.82	---	48.04
WCW-1	04/11/11	72.86	---	24.73	---	48.13
WCW-1	07/07/11	72.86	---	24.40	---	48.46
WCW-1	10/06/11	72.86	---	24.57	---	48.29
WCW-1	04/16/12	72.86	---	25.23	---	47.63
WCW-1	07/09/12	72.86	---	NM	---	NC
WCW-1	10/15/12	72.86	---	NM	---	NC
WCW-1	04/08/13	72.86	---	26.83	---	46.03
WCW-1	10/07/13	72.86	---	27.63	---	45.23
WCW-1	04/14/14	72.86	---	27.73	---	45.13
WCW-1	10/27/14	72.86	---	28.53	---	44.33
WCW-1	04/20/15	72.86	---	29.08	---	43.78
WCW-1	10/19/15	72.86	---	29.90	---	42.96
WCW-1	04/11/16	72.86	---	30.70	---	42.16
WCW-1	10/03/16	72.86	---	31.50	---	41.36
WCW-1	10/03/16	72.86	---	31.50	---	41.36
WCW-1	04/17/17	72.86	---	31.00	---	41.86
WCW-1	10/02/17	72.86	---	31.74	---	41.12
WCW-1	04/16/18	72.86	---	32.28	---	40.58
WCW-1	11/05/18	72.86	---	32.77	---	40.09
WCW-1	04/16/19	72.86	---	31.95	---	40.91
WCW-1	10/28/19	72.86	---	32.70	---	40.16
WCW-1	05/04/20	72.86	---	32.02	---	40.84
WCW-1	11/02/20	72.86	---	32.34	---	40.52
WCW-1	05/03/21	72.86	---	32.68	---	40.18
WCW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-2	02/28/00	75.34	---	27.44	---	47.90
WCW-2	05/15/00	75.34	---	27.42	---	47.92
WCW-2	08/28/00	75.34	---	27.63	---	47.71
WCW-2	11/13/00	75.34	---	28.87	---	46.47
WCW-2	02/05/01	75.34	---	27.62	---	47.72
WCW-2	05/07/01	75.34	---	27.06	---	48.28
WCW-2	09/18/01	75.34	---	26.64	---	48.70
WCW-2	01/29/02	75.34	---	26.76	---	48.58
WCW-2	04/08/02	75.34	---	27.10	---	48.24
WCW-2	10/21/02	75.34	---	27.47	---	47.87
WCW-2	04/07/03	75.34	---	27.47	---	47.87
WCW-2	10/06/03	75.34	---	27.40	---	47.94
WCW-2	04/19/04	75.34	---	25.80	---	49.54
WCW-2	05/10/04	75.34	---	27.80	---	47.54
WCW-2	11/01/04	75.34	---	28.04	---	47.30
WCW-2	05/02/05	75.34	---	25.69	---	49.65
WCW-2	05/01/06	75.34	---	24.90	---	50.44
WCW-2	12/01/06	75.34	---	25.52	---	49.82
WCW-2	04/30/07	75.34	---	25.49	---	49.85
WCW-2	11/12/07	75.34	---	26.15	---	49.19
WCW-2	04/14/08	75.34	---	26.15	---	49.19
WCW-2	10/14/08	75.34	---	26.88	---	48.46
WCW-2	04/20/09	75.34	---	27.31	---	48.03
WCW-2	10/19/09	75.34	---	27.90	---	47.44
WCW-2	01/12/10	75.34	---	28.11	---	47.23
WCW-2	05/24/10	75.34	---	28.00	---	47.34
WCW-2	05/28/10	75.34	---	27.95	---	47.39
WCW-2	01/08/11	75.34	---	28.36	---	46.98
WCW-2	04/11/11	75.34	---	27.67	---	47.67
WCW-2	04/12/11	75.34	---	27.74	---	47.60
WCW-2	07/07/11	75.34	---	27.40	---	47.94
WCW-2	10/06/11	75.34	---	27.54	---	47.80
WCW-2	04/16/12	75.34	---	28.13	---	47.21
WCW-2	07/09/12	75.34	---	NM	---	NC
WCW-2	10/15/12	75.34	---	NM	---	NC
WCW-2	04/08/13	75.34	---	29.11	---	46.23
WCW-2	10/07/13	75.34	---	30.25	---	45.09
WCW-2	04/14/14	75.34	---	31.71	---	43.63
WCW-2	10/27/14	75.34	---	31.42	---	43.92
WCW-2	04/20/15	75.34	---	32.84	---	42.50
WCW-2	10/19/15	75.34	---	32.52	---	42.82
WCW-2	04/11/16	75.34	---	33.05	---	42.29
WCW-2	10/03/16	75.34	---	33.60	---	41.74
WCW-2	10/03/16	75.34	---	33.60	---	41.74
WCW-2	04/17/17	75.34	---	33.62	---	41.72
WCW-2	10/02/17	75.34	---	33.94	---	41.40
WCW-2	04/16/18	75.34	---	34.41	---	40.93
WCW-2	11/05/18	75.34	---	34.78	---	40.56
WCW-2	04/16/19	75.34	---	34.72	---	40.62
WCW-2	10/28/19	75.34	---	35.02	---	40.32

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-2	05/04/20	75.34	---	35.00	---	40.34
WCW-2	11/02/20	75.34	---	35.08	---	40.26
WCW-2	05/03/21	75.34	---	35.38	---	39.96
WCW-3	11/20/96	76.16	---	30.48	---	45.68
WCW-3	07/01/97	76.16	---	31.00	---	45.16
WCW-3	12/31/97	76.16	---	30.61	---	45.55
WCW-3	05/01/98	76.16	---	29.00	---	47.16
WCW-3	02/02/99	76.16	---	27.82	---	48.34
WCW-3	05/03/99	76.16	---	28.33	---	47.83
WCW-3	08/09/99	76.16	---	28.56	---	47.60
WCW-3	11/15/99	76.16	---	28.83	---	47.33
WCW-3	02/28/00	76.16	---	28.58	---	47.58
WCW-3	05/15/00	76.16	---	28.56	---	47.60
WCW-3	08/28/00	76.16	---	28.72	---	47.44
WCW-3	11/13/00	76.16	---	28.16	---	48.00
WCW-3	02/05/01	76.16	---	28.70	---	47.46
WCW-3	05/07/01	76.16	---	28.15	---	48.01
WCW-3	09/18/01	76.16	---	27.78	---	48.38
WCW-3	01/29/02	76.16	---	27.99	---	48.17
WCW-3	04/08/02	76.16	---	28.25	---	47.91
WCW-3	07/29/02	76.16	---	28.41	---	47.75
WCW-3	10/21/02	76.16	---	28.50	---	47.66
WCW-3	01/27/03	76.16	---	28.47	---	47.69
WCW-3	04/07/03	76.16	---	28.49	---	47.67
WCW-3	07/30/03	76.16	---	28.29	---	47.87
WCW-3	10/06/03	76.16	---	28.44	---	47.72
WCW-3	01/27/04	76.16	---	28.58	---	47.58
WCW-3	05/10/04	76.16	---	28.34	---	47.82
WCW-3	07/19/04	76.16	---	28.18	---	47.98
WCW-3	11/01/04	76.16	---	29.04	---	47.12
WCW-3	02/01/05	76.16	---	28.54	---	47.62
WCW-3	05/02/05	76.16	---	26.58	---	49.58
WCW-3	02/27/06	76.16	---	25.75	---	50.41
WCW-3	05/01/06	76.16	---	25.95	---	50.21
WCW-3	09/18/06	76.16	---	26.11	---	50.05
WCW-3	12/01/06	76.16	---	26.56	---	49.60
WCW-3	03/12/07	76.16	---	26.52	---	49.64
WCW-3	04/30/07	76.16	---	26.45	---	49.71
WCW-3	08/28/07	76.16	---	27.43	---	48.73
WCW-3	11/12/07	76.16	---	27.21	---	48.95
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-3	05/28/10	76.16	---	29.21	---	46.95
WCW-3	10/04/10	76.16	---	29.26	---	46.90
WCW-3	01/08/11	76.16	---	29.58	---	46.58
WCW-3	01/10/11	76.16	---	29.50	---	46.66
WCW-3	04/11/11	76.16	---	28.84	---	47.32
WCW-3	04/12/11	76.16	---	28.95	---	47.21
WCW-3	07/07/11	76.16	---	28.75	---	47.41
WCW-3	07/11/11	76.16	---	28.57	---	47.59
WCW-3	10/10/11	76.16	---	28.64	---	47.52
WCW-3	01/09/12	76.16	---	29.00	---	47.16
WCW-3	04/16/12	76.16	---	29.35	---	46.81
WCW-3	07/09/12	76.16	---	29.64	---	46.52
WCW-3	10/15/12	76.16	---	29.98	---	46.18
WCW-3	01/14/13	76.16	---	30.32	---	45.84
WCW-3	04/08/13	76.16	---	30.24	---	45.92
WCW-3	10/07/13	76.16	---	31.00	---	45.16
WCW-3	04/14/14	76.16	---	31.81	---	44.35
WCW-3	10/27/14	76.16	---	32.39	---	43.77
WCW-3	04/20/15	76.16	---	32.40	---	43.76
WCW-3	10/19/15	76.16	---	33.38	---	42.78
WCW-3	04/11/16	76.16	---	33.83	---	42.33
WCW-3	10/03/16	76.16	---	34.35	---	41.81
WCW-3	10/03/16	76.16	---	34.35	---	41.81
WCW-3	04/17/17	76.16	---	34.70	---	41.46
WCW-3	10/02/17	76.16	---	34.79	---	41.37
WCW-3	04/16/18	76.16	---	35.26	---	40.90
WCW-3	11/05/18	76.16	---	35.62	---	40.54
WCW-3	04/16/19	76.16	---	35.82	---	40.34
WCW-3	10/28/19	76.16	---	35.98	---	40.18
WCW-3	05/04/20	76.16	---	36.10	---	40.06
WCW-3	11/02/20	76.16	---	36.13	---	40.03
WCW-3	05/03/21	76.16	---	36.90	---	39.26
WCW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-4	05/01/06	78.05	---	27.90	---	50.15
WCW-4	12/01/06	78.05	---	28.54	---	49.51
WCW-4	04/30/07	78.05	---	28.50	---	49.55
WCW-4	11/12/07	78.05	---	29.23	---	48.82
WCW-4	04/14/08	78.05	---	29.12	---	48.93
WCW-4	10/14/08	78.05	---	29.96	---	48.09
WCW-4	04/20/09	78.05	---	30.20	---	47.85
WCW-4	10/19/09	78.05	---	30.83	---	47.22
WCW-4	01/12/10	78.05	---	31.40	---	46.65
WCW-4	05/24/10	78.05	---	31.26	---	46.79
WCW-4	05/28/10	78.05	---	31.23	---	46.82
WCW-4	01/08/11	78.05	---	31.57	---	46.48
WCW-4	04/08/11	78.05	---	29.98	---	48.07
WCW-4	04/11/11	78.05	---	30.88	---	47.17
WCW-4	07/07/11	78.05	---	30.86	---	47.19
WCW-4	10/06/11	78.05	---	30.96	---	47.09
WCW-4	04/16/12	78.05	---	31.17	---	46.88
WCW-4	07/09/12	78.05	---	NM	---	NC
WCW-4	10/15/12	78.05	---	NM	---	NC
WCW-4	04/08/13	78.05	---	32.12	---	45.93
WCW-4	10/07/13	78.05	---	32.78	---	45.27
WCW-4	04/14/14	78.05	---	33.54	---	44.51
WCW-4	10/27/14	78.05	---	34.21	---	43.84
WCW-4	04/20/15	78.05	---	34.52	---	43.53
WCW-4	10/19/15	78.05	---	35.10	---	42.95
WCW-4	04/11/16	78.05	---	35.60	---	42.45
WCW-4	10/03/16	78.05	---	36.10	---	41.95
WCW-4	10/03/16	78.05	---	36.10	---	41.95
WCW-4	04/17/17	78.05	---	36.61	---	41.44
WCW-4	10/02/17	78.05	---	36.79	---	41.26
WCW-4	04/16/18	78.05	---	37.20	---	40.85
WCW-4	11/05/18	78.05	---	37.61	---	40.44
WCW-4	04/16/19	78.05	---	37.89	---	40.16
WCW-4	10/28/19	78.05	---	38.03	---	40.02
WCW-4	05/04/20	78.05	---	38.27	---	39.78
WCW-4	11/02/20	78.05	---	38.38	---	39.67
WCW-4	05/03/21	78.05	---	38.58	---	39.47
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-5	10/06/03	73.49	---	25.27	---	48.22
WCW-5	05/10/04	73.49	---	25.90	---	47.59
WCW-5	11/01/04	73.49	---	26.09	---	47.40
WCW-5	05/02/05	73.49	---	23.44	---	50.05
WCW-5	05/01/06	73.49	---	22.85	---	50.64
WCW-5	12/01/06	73.49	---	23.80	---	49.69
WCW-5	04/30/07	73.49	---	23.56	---	49.93
WCW-5	11/12/07	73.49	---	24.15	---	49.34
WCW-5	04/14/08	73.49	---	24.20	---	49.29
WCW-5	10/14/08	73.49	---	24.82	---	48.67
WCW-5	04/20/09	73.49	---	24.97	---	48.52
WCW-5	10/19/09	73.49	---	25.71	---	47.78
WCW-5	01/12/10	73.49	---	26.53	---	46.96
WCW-5	05/24/10	73.49	---	25.70	---	47.79
WCW-5	05/28/10	73.49	---	25.65	---	47.84
WCW-5	01/08/11	73.49	---	26.15	---	47.34
WCW-5	04/08/11	73.49	---	25.32	---	48.17
WCW-5	04/11/11	73.49	---	25.23	---	48.26
WCW-5	07/07/11	73.49	---	24.85	---	48.64
WCW-5	10/06/11	73.49	---	25.18	---	48.31
WCW-5	04/16/12	73.49	---	25.92	---	47.57
WCW-5	07/09/12	73.49	---	NM	---	NC
WCW-5	10/15/12	73.49	---	NM	---	NC
WCW-5	04/08/13	73.49	---	27.17	---	46.32
WCW-5	10/07/13	73.49	---	28.62	---	44.87
WCW-5	04/14/14	73.49	---	28.76	---	44.73
WCW-5	10/27/14	73.49	---	29.51	---	43.98
WCW-5	04/20/15	73.49	---	29.93	---	43.56
WCW-5	10/19/15	73.49	---	30.77	---	42.72
WCW-5	04/11/16	73.49	---	31.48	---	42.01
WCW-5	10/03/16	73.49	---	32.20	---	41.29
WCW-5	10/03/16	73.49	---	32.20	---	41.29
WCW-5	04/17/17	73.49	---	31.21	---	42.28
WCW-5	10/02/17	73.49	---	32.34	---	41.15
WCW-5	04/16/18	73.49	---	32.90	---	40.59
WCW-5	11/05/18	73.49	---	33.38	---	40.11
WCW-5	11/05/18	73.49	---	33.38	---	40.11
WCW-5	04/16/19	73.49	---	32.51	---	40.98
WCW-5	10/28/19	73.49	---	33.28	---	40.21
WCW-5	05/04/20	73.49	---	33.67	---	39.82
WCW-5	11/02/20	73.49	---	33.00	---	40.49
WCW-5	05/03/21	73.49	---	33.30	---	40.19
WCW-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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-6	11/13/00	75.52	---	28.67	---	46.85
WCW-6	05/07/01	75.52	---	27.21	---	48.31
WCW-6	04/08/02	75.52	---	27.52	---	48.00
WCW-6	10/21/02	75.52	---	27.72	---	47.80
WCW-6	04/07/03	75.52	---	27.63	---	47.89
WCW-6	10/06/03	75.52	---	27.75	---	47.77
WCW-6	05/10/04	75.52	---	28.35	---	47.17
WCW-6	11/01/04	75.52	---	28.51	---	47.01
WCW-6	05/02/05	75.52	---	25.64	---	49.88
WCW-6	05/01/06	75.52	---	25.10	---	50.42
WCW-6	12/01/06	75.52	---	26.06	---	49.46
WCW-6	04/30/07	75.52	---	25.79	---	49.73
WCW-6	11/12/07	75.52	---	26.44	---	49.08
WCW-6	04/14/08	75.52	---	26.41	---	49.11
WCW-6	10/14/08	75.52	---	27.13	---	48.39
WCW-6	04/20/09	75.52	---	27.40	---	48.12
WCW-6	10/19/09	75.52	---	27.87	---	47.65
WCW-6	01/12/10	75.52	---	28.24	---	47.28
WCW-6	05/24/10	75.52	---	28.10	---	47.42
WCW-6	05/28/10	75.52	---	28.02	---	47.50
WCW-6	01/08/11	75.52	---	28.58	---	46.94
WCW-6	04/08/11	75.52	---	27.55	---	47.97
WCW-6	04/11/11	75.52	---	27.41	---	48.11
WCW-6	07/07/11	75.52	---	27.19	---	48.33
WCW-6	10/06/11	75.52	---	27.62	---	47.90
WCW-6	10/10/11	75.52	---	27.33	---	48.19
WCW-6	04/16/12	75.52	---	28.33	---	47.19
WCW-6	07/09/12	75.52	---	NM	---	NC
WCW-6	10/15/12	75.52	---	NM	---	NC
WCW-6	04/08/13	75.52	---	29.59	---	45.93
WCW-6	10/07/13	75.52	---	30.56	---	44.96
WCW-6	04/14/14	75.52	---	31.12	---	44.40
WCW-6	10/27/14	75.52	---	31.69	---	43.83
WCW-6	04/20/15	75.52	---	32.08	---	43.44
WCW-6	10/19/15	75.52	---	32.82	---	42.70
WCW-6	04/11/16	75.52	---	33.53	---	41.99
WCW-6	10/03/16	75.52	---	34.00	---	41.52
WCW-6	10/03/16	75.52	---	34.00	---	41.52
WCW-6	04/17/17	75.52	---	33.51	---	42.01
WCW-6	10/02/17	75.52	---	34.22	---	41.30
WCW-6	04/16/18	75.52	---	34.70	---	40.82
WCW-6	11/05/18	75.52	---	35.11	---	40.41
WCW-6	11/05/18	75.52	---	35.11	---	40.41
WCW-6	04/16/19	75.52	---	34.45	---	41.07
WCW-6	10/28/19	75.52	---	35.15	---	40.37
WCW-6	05/04/20	75.52	---	34.75	---	40.77
WCW-6	11/02/20	75.52	---	34.92	---	40.60
WCW-6	05/03/21	75.52	---	35.36	---	40.16
WCW-7	11/20/96	76.44	---	30.55	---	45.89
WCW-7	07/01/97	76.44	---	31.50	---	44.94

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-7	12/31/97	76.44	---	30.79	---	45.65
WCW-7	05/01/98	76.44	---	28.81	---	47.63
WCW-7	05/04/99	76.44	---	29.26	---	47.18
WCW-7	08/09/99	76.44	---	29.75	---	46.69
WCW-7	11/15/99	76.44	---	29.86	---	46.58
WCW-7	05/15/00	76.44	---	29.02	---	47.42
WCW-7	11/13/00	76.44	---	29.69	---	46.75
WCW-7	02/05/01	76.44	---	29.10	---	47.34
WCW-7	05/07/01	76.44	---	28.48	---	47.96
WCW-7	09/18/01	76.44	---	28.18	---	48.26
WCW-7	01/29/02	76.44	---	28.64	---	47.80
WCW-7	04/08/02	76.44	---	29.03	---	47.41
WCW-7	07/29/02	76.44	---	28.94	---	47.50
WCW-7	10/21/02	76.44	---	28.93	---	47.51
WCW-7	01/27/03	76.44	---	28.70	---	47.74
WCW-7	04/07/03	76.44	---	28.72	---	47.72
WCW-7	07/31/03	76.44	---	28.67	---	47.77
WCW-7	10/06/03	76.44	---	29.03	---	47.41
WCW-7	01/27/04	76.44	---	28.98	---	47.46
WCW-7	05/10/04	76.44	---	29.46	---	46.98
WCW-7	07/19/04	76.44	---	30.18	---	46.26
WCW-7	11/01/04	76.44	---	29.56	---	46.88
WCW-7	02/01/05	76.44	---	28.76	---	47.68
WCW-7	05/02/05	76.44	---	26.51	---	49.93
WCW-7	08/01/05	76.44	---	25.72	---	50.72
WCW-7	02/27/06	76.44	---	25.09	---	51.35
WCW-7	05/01/06	76.44	---	26.41	---	50.03
WCW-7	09/18/06	76.44	---	26.72	---	49.72
WCW-7	12/01/06	76.44	---	27.13	---	49.31
WCW-7	03/12/07	76.44	---	27.28	---	49.16
WCW-7	04/30/07	76.44	---	26.96	---	49.48
WCW-7	08/28/07	76.44	---	26.70	---	49.74
WCW-7	11/12/07	76.44	---	27.67	---	48.77
WCW-7	02/19/08	76.44	---	27.69	---	48.75
WCW-7	04/14/08	76.44	---	27.56	---	48.88
WCW-7	08/11/08	76.44	---	28.00	---	48.44
WCW-7	10/16/08	76.44	---	28.53	---	47.91
WCW-7	04/20/09	76.44	---	28.72	---	47.72
WCW-7	07/20/09	76.44	---	28.94	---	47.50
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-7	07/11/11	76.44	---	28.74	---	47.70
WCW-7	10/10/11	76.44	---	28.93	---	47.51
WCW-7	01/09/12	76.44	---	29.35	---	47.09
WCW-7	04/16/12	76.44	---	29.17	---	47.27
WCW-7	07/09/12	76.44	---	28.34	---	48.10
WCW-7	10/15/12	76.44	---	30.41	---	46.03
WCW-7	01/14/13	76.44	---	30.88	---	45.56
WCW-7	04/08/13	76.44	---	30.91	---	45.53
WCW-7	10/07/13	76.44	---	32.25	---	44.19
WCW-7	04/14/14	76.44	---	32.46	---	43.98
WCW-7	10/27/14	76.44	---	32.88	---	43.56
WCW-7	04/20/15	76.44	---	33.22	---	43.22
WCW-7	10/19/15	76.44	---	34.05	---	42.39
WCW-7	04/11/16	76.44	---	34.46	---	41.98
WCW-7	10/03/16	76.44	---	34.22	---	42.22
WCW-7	10/03/16	76.44	---	34.22	---	42.22
WCW-7	04/17/17	76.44	---	DRY	---	NC
WCW-7	10/02/17	76.44	---	35.34	---	41.10
WCW-7	04/16/18	76.44	---	35.49	---	40.95
WCW-7	11/05/18	76.44	---	35.62	---	40.82
WCW-7	04/16/19	76.44	---	35.42	---	41.02
WCW-7	10/28/19	76.44	---	35.97	---	40.47
WCW-7	05/04/20	76.44	---	36.27	---	40.17
WCW-7	11/02/20	76.44	---	36.13	---	40.31
WCW-7	05/03/21	76.44	---	36.66	---	39.78
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-8	04/14/08	77.34	---	28.53	---	48.81
WCW-8	10/16/08	77.34	---	29.52	---	47.82
WCW-8	04/20/09	77.34	---	29.40	---	47.94
WCW-8	10/19/09	77.34	---	30.10	---	47.24
WCW-8	01/12/10	77.34	---	31.30	---	46.04
WCW-8	05/24/10	77.34	---	30.75	---	46.59
WCW-8	05/28/10	77.34	---	30.74	---	46.60
WCW-8	01/08/11	77.34	---	31.27	---	46.07
WCW-8	04/08/11	77.34	---	30.15	---	47.19
WCW-8	04/11/11	77.34	---	30.03	---	47.31
WCW-8	07/07/11	77.34	---	30.07	---	47.27
WCW-8	10/06/11	77.34	---	30.27	---	47.07
WCW-8	04/16/12	77.34	---	30.76	---	46.58
WCW-8	07/09/12	77.34	---	NM	---	NC
WCW-8	10/15/12	77.34	---	NM	---	NC
WCW-8	04/08/13	77.34	---	31.62	---	45.72
WCW-8	10/07/13	77.34	---	32.42	---	44.92
WCW-8	04/14/14	77.34	---	33.53	---	43.81
WCW-8	10/27/14	77.34	---	33.75	---	43.59
WCW-8	04/20/15	77.34	---	34.05	---	43.29
WCW-8	10/19/15	77.34	---	34.78	---	42.56
WCW-8	04/11/16	77.34	---	35.17	---	42.17
WCW-8	10/03/16	77.34	---	35.70	---	41.64
WCW-8	10/03/16	77.34	---	35.70	---	41.64
WCW-8	04/17/17	77.34	---	36.00	---	41.34
WCW-8	10/02/17	77.34	---	36.14	---	41.20
WCW-8	04/16/18	77.34	---	36.56	---	40.78
WCW-8	11/05/18	77.34	---	37.04	---	40.30
WCW-8	04/16/19	77.34	---	36.92	---	40.42
WCW-8	10/28/19	77.34	---	37.20	---	40.14
WCW-8	05/04/20	77.34	---	37.29	---	40.05
WCW-8	11/02/20	77.34	---	37.24	---	40.10
WCW-8	05/03/21	77.34	---	37.62	---	39.72
WCW-9	11/20/96	77.74	---	32.13	---	45.61
WCW-9	07/01/97	77.74	---	32.47	---	45.27
WCW-9	12/31/97	77.74	---	32.22	---	45.52
WCW-9	05/01/98	77.74	---	30.75	---	46.99
WCW-9	05/04/99	77.74	---	30.16	---	47.58
WCW-9	08/09/99	77.74	---	30.44	---	47.30
WCW-9	11/15/99	77.74	---	30.79	---	46.95
WCW-9	05/15/00	77.74	---	30.32	---	47.42
WCW-9	11/13/00	77.74	---	30.59	---	47.15
WCW-9	05/07/01	77.74	---	29.92	---	47.82
WCW-9	04/08/02	77.74	---	30.07	---	47.67
WCW-9	10/21/02	77.74	---	30.36	---	47.38
WCW-9	04/07/03	77.74	---	30.23	---	47.51
WCW-9	10/06/03	77.74	---	30.20	---	47.54
WCW-9	05/10/04	77.74	---	30.35	---	47.39
WCW-9	11/01/04	77.74	---	30.77	---	46.97
WCW-9	05/02/05	77.74	---	27.80	---	49.94

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-9	05/01/06	77.74	---	27.61	---	50.13
WCW-9	12/01/06	77.74	---	28.54	---	49.20
WCW-9	04/30/07	77.74	---	28.36	---	49.38
WCW-9	11/12/07	77.74	---	29.24	---	48.50
WCW-9	04/14/08	77.74	---	29.11	---	48.63
WCW-9	10/16/08	77.74	---	29.98	---	47.76
WCW-9	04/20/09	77.74	---	29.96	---	47.78
WCW-9	01/12/10	77.74	---	NM	---	NC
WCW-9	05/24/10	77.74	---	31.02	---	46.72
WCW-9	05/28/10	77.74	---	31.00	---	46.74
WCW-9	10/01/10	77.74	---	31.00	---	46.74
WCW-9	01/08/11	77.74	---	31.37	---	46.37
WCW-9	04/11/11	77.74	---	30.68	---	47.06
WCW-9	04/12/11	77.74	---	30.78	---	46.96
WCW-9	07/07/11	77.74	---	30.66	---	47.08
WCW-9	10/06/11	77.74	---	30.82	---	46.92
WCW-9	04/16/12	77.74	---	31.15	---	46.59
WCW-9	07/09/12	77.74	---	NM	---	NC
WCW-9	10/15/12	77.74	---	NM	---	NC
WCW-9	04/08/13	77.74	---	31.73	---	46.01
WCW-9	10/07/13	77.74	---	33.04	---	44.70
WCW-9	04/14/14	77.74	---	33.24	---	44.50
WCW-9	10/27/14	77.74	---	34.10	---	43.64
WCW-9	04/20/15	77.74	---	33.92	---	43.82
WCW-9	10/19/15	77.74	---	34.91	---	42.83
WCW-9	04/11/16	77.74	---	35.52	---	42.22
WCW-9	10/03/16	77.74	---	35.29	---	42.45
WCW-9	10/03/16	77.74	---	35.29	---	42.45
WCW-9	04/17/17	77.74	---	35.10	---	42.64
WCW-9	10/02/17	77.74	---	36.49	---	41.25
WCW-9	04/16/18	77.74	---	36.82	---	40.92
WCW-9	11/05/18	77.74	---	36.92	---	40.82
WCW-9	04/16/19	77.74	---	37.38	---	40.36
WCW-9	10/28/19	77.74	---	36.39	---	41.35
WCW-9	05/04/20	77.74	---	37.72	---	40.02
WCW-9	11/02/20	77.74	---	37.00	---	40.74
WCW-9	05/03/21	77.74	---	37.34	---	40.40
WCW-10	11/20/96	74.06	---	27.61	---	46.45
WCW-10	07/01/97	74.06	---	27.23	---	46.83
WCW-10	12/31/97	74.06	---	27.21	---	46.85
WCW-10	05/01/98	74.06	---	23.22	---	50.84
WCW-10	05/04/99	74.06	---	24.52	---	49.54
WCW-10	08/09/99	74.06	---	24.63	---	49.43
WCW-10	11/15/99	74.06	---	24.89	---	49.17
WCW-10	05/15/00	74.06	---	25.50	---	48.56
WCW-10	11/13/00	74.06	---	25.18	---	48.88
WCW-10	05/07/01	74.06	---	24.66	---	49.40
WCW-10	04/08/02	74.06	---	24.71	---	49.35
WCW-10	10/21/02	74.06	---	25.20	---	48.86
WCW-10	04/07/03	74.06	---	25.23	---	48.83

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-10	05/10/04	74.06	---	25.41	---	48.65
WCW-10	11/01/04	74.06	---	25.66	---	48.40
WCW-10	05/02/05	74.06	---	23.47	---	50.59
WCW-10	05/01/06	74.06	---	23.17	---	50.89
WCW-10	04/30/07	74.06	---	23.74	---	50.32
WCW-10	11/12/07	74.06	---	24.41	---	49.65
WCW-10	10/14/08	74.06	---	24.95	---	49.11
WCW-10	04/20/09	74.06	---	24.90	---	49.16
WCW-10	01/12/10	74.06	---	26.40	---	47.66
WCW-10	05/24/10	74.06	---	25.70	---	48.36
WCW-10	05/28/10	74.06	---	25.67	---	48.39
WCW-10	10/01/10	74.06	---	25.86	---	48.20
WCW-10	01/08/11	74.06	---	25.92	---	48.14
WCW-10	04/08/11	74.06	---	25.62	---	48.44
WCW-10	04/11/11	74.06	---	25.55	---	48.51
WCW-10	07/07/11	74.06	---	25.40	---	48.66
WCW-10	10/06/11	74.06	---	25.41	---	48.65
WCW-10	04/16/12	74.06	---	25.80	---	48.26
WCW-10	07/09/12	74.06	---	NM	---	NC
WCW-10	10/15/12	74.06	---	NM	---	NC
WCW-10	04/08/13	74.06	---	26.73	---	47.33
WCW-10	10/07/13	74.06	---	28.01	---	46.05
WCW-10	04/14/14	74.06	---	28.00	---	46.06
WCW-10	10/27/14	74.06	---	28.95	---	45.11
WCW-10	04/20/15	74.06	---	29.17	---	44.89
WCW-10	10/19/15	74.06	---	30.00	---	44.06
WCW-10	04/11/16	74.06	---	30.79	---	43.27
WCW-10	10/03/16	74.06	---	31.81	---	42.25
WCW-10	10/03/16	74.06	---	31.81	---	42.25
WCW-10	04/17/17	74.06	---	32.13	---	41.93
WCW-10	10/02/17	74.06	---	32.52	---	41.54
WCW-10	04/16/18	74.06	---	33.20	---	40.86
WCW-10	11/05/18	74.06	---	34.02	---	40.04
WCW-10	04/16/19	74.06	---	34.52	---	39.54
WCW-10	10/28/19	74.06	---	33.91	---	40.15
WCW-10	05/04/20	74.06	---	34.99	---	39.07
WCW-10	11/02/20	74.06	---	34.00	---	40.06
WCW-10	05/03/21	74.06	---	34.46	---	39.60
WCW-11	11/20/96	75.29	---	29.24	---	46.05
WCW-11	07/01/97	75.29	---	28.91	---	46.38
WCW-11	12/31/97	75.29	---	29.14	---	46.15
WCW-11	05/01/98	75.29	---	26.04	---	49.25
WCW-11	05/04/99	75.29	---	26.63	---	48.66
WCW-11	08/09/99	75.29	---	26.30	---	48.99
WCW-11	11/15/99	75.29	---	26.55	---	48.74
WCW-11	05/15/00	75.29	---	26.91	---	48.38
WCW-11	11/13/00	75.29	---	26.77	---	48.52
WCW-11	05/07/01	75.29	---	26.65	---	48.64
WCW-11	04/08/02	75.29	---	26.45	---	48.84
WCW-11	10/21/02	75.29	---	26.72	---	48.57

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-11	04/07/03	75.29	---	26.78	---	48.51
WCW-11	05/10/04	75.29	---	26.89	---	48.40
WCW-11	11/01/04	75.29	---	27.22	---	48.07
WCW-11	05/02/05	75.29	---	25.23	---	50.06
WCW-11	05/01/06	75.29	---	24.45	---	50.84
WCW-11	04/30/07	75.29	---	25.18	---	50.11
WCW-11	11/12/07	75.29	---	25.97	---	49.32
WCW-11	10/16/08	75.29	---	26.61	---	48.68
WCW-11	04/20/09	75.29	---	26.62	---	48.67
WCW-11	01/12/10	75.29	---	27.83	---	47.46
WCW-11	05/24/10	75.29	---	27.77	---	47.52
WCW-11	05/28/10	75.29	---	27.46	---	47.83
WCW-11	10/01/10	75.29	---	27.65	---	47.64
WCW-11	01/08/11	75.29	---	27.67	---	47.62
WCW-11	04/08/11	75.29	---	27.39	---	47.90
WCW-11	04/11/11	75.29	---	27.43	---	47.86
WCW-11	07/07/11	75.29	27.18	27.19	0.01	48.11
WCW-11	10/06/11	75.29	---	27.11	---	48.18
WCW-11	04/16/12	75.29	---	27.56	---	47.73
WCW-11	07/09/12	75.29	---	NM	---	NC
WCW-11	10/15/12	75.29	---	NM	---	NC
WCW-11	04/08/13	75.29	---	26.91	---	48.38
WCW-11	10/07/13	75.29	---	29.54	---	45.75
WCW-11	04/14/14	75.29	---	29.79	---	45.50
WCW-11	10/27/14	75.29	---	30.61	---	44.68
WCW-11	04/20/15	75.29	---	31.19	---	44.10
WCW-11	10/19/15	75.29	---	32.02	---	43.27
WCW-11	04/11/16	75.29	---	32.67	---	42.62
WCW-11	10/03/16	75.29	---	33.31	---	41.98
WCW-11	10/03/16	75.29	---	33.31	---	41.98
WCW-11	04/17/17	75.29	---	33.65	---	41.64
WCW-11	10/02/17	75.29	---	34.14	---	41.15
WCW-11	04/16/18	75.29	---	34.85	---	40.44
WCW-11	11/05/18	75.29	---	35.51	---	39.78
WCW-11	04/16/19	75.29	---	35.09	---	40.20
WCW-11	10/28/19	75.29	---	35.57	---	39.72
WCW-11	05/04/20	75.29	---	35.65	---	39.64
WCW-11	11/02/20	75.29	---	35.37	---	39.92
WCW-11	05/03/21	75.29	---	35.87	---	39.42
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-12	10/21/02	76.27	---	28.24	---	48.03
WCW-12	04/07/03	76.27	---	28.23	---	48.04
WCW-12	05/10/04	76.27	---	28.34	---	47.93
WCW-12	11/01/04	76.27	---	28.74	---	47.53
WCW-12	05/02/05	76.27	---	26.61	---	49.66
WCW-12	05/01/06	76.27	---	25.95	---	50.32
WCW-12	12/01/06	76.27	---	26.39	---	49.88
WCW-12	04/30/07	76.27	---	26.39	---	49.88
WCW-12	11/12/07	76.27	---	27.15	---	49.12
WCW-12	04/14/08	76.27	---	27.14	---	49.13
WCW-12	10/16/08	76.27	---	27.93	---	48.34
WCW-12	04/20/09	76.27	---	27.82	---	48.45
WCW-12	10/19/09	76.27	---	28.52	---	47.75
WCW-12	01/12/10	76.27	---	29.04	---	47.23
WCW-12	05/24/10	76.27	---	28.90	---	47.37
WCW-12	05/28/10	76.27	---	28.90	---	47.37
WCW-12	01/08/11	76.27	---	29.16	---	47.11
WCW-12	04/08/11	76.27	---	28.79	---	47.48
WCW-12	04/11/11	76.27	---	28.70	---	47.57
WCW-12	07/07/11	76.27	---	28.60	---	47.67
WCW-12	10/06/11	76.27	---	28.55	---	47.72
WCW-12	04/16/12	76.27	---	29.05	---	47.22
WCW-12	07/09/12	76.27	---	NM	---	NC
WCW-12	10/15/12	76.27	---	NM	---	NC
WCW-12	04/08/13	76.27	---	29.98	---	46.29
WCW-12	10/07/13	76.27	---	31.13	---	45.14
WCW-12	04/14/14	76.27	---	31.30	---	44.97
WCW-12	10/27/14	76.27	---	32.35	---	43.92
WCW-12	04/20/15	76.27	---	32.62	---	43.65
WCW-12	10/19/15	76.27	---	33.32	---	42.95
WCW-12	04/11/16	76.27	---	34.06	---	42.21
WCW-12	10/03/16	76.27	---	34.60	---	41.67
WCW-12	10/03/16	76.27	---	34.60	---	41.67
WCW-12	04/17/17	76.27	---	35.00	---	41.27
WCW-12	10/02/17	76.27	---	35.22	---	41.05
WCW-12	04/16/18	76.27	---	35.72	---	40.55
WCW-12	11/05/18	76.27	---	36.23	---	40.04
WCW-12	04/16/19	76.27	---	36.12	---	40.15
WCW-12	10/28/19	76.27	---	36.51	---	39.76
WCW-12	05/04/20	76.27	---	36.69	---	39.58
WCW-12	11/02/20	76.27	---	36.60	---	39.67
WCW-12	05/03/21	76.27	---	36.77	---	39.50
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-13	08/28/00	77.70	---	29.92	---	47.78
WCW-13	11/13/00	77.70	---	29.96	---	47.74
WCW-13	02/05/01	77.70	---	30.15	---	47.55
WCW-13	05/07/01	77.70	---	29.80	---	47.90
WCW-13	09/18/01	77.70	---	29.25	---	48.45
WCW-13	01/29/02	77.70	---	29.40	---	48.30
WCW-13	04/08/02	77.70	---	29.51	---	48.19
WCW-13	07/29/02	77.70	---	29.71	---	47.99
WCW-13	10/21/02	77.70	---	29.94	---	47.76
WCW-13	01/27/03	77.70	---	30.00	---	47.70
WCW-13	04/07/03	77.70	---	30.02	---	47.68
WCW-13	07/31/03	77.70	---	29.80	---	47.90
WCW-13	01/27/04	77.70	---	30.01	---	47.69
WCW-13	05/10/04	77.70	---	30.10	---	47.60
WCW-13	07/19/04	77.70	---	29.22	---	48.48
WCW-13	11/01/04	77.70	---	30.44	---	47.26
WCW-13	02/01/05	77.70	---	30.15	---	47.55
WCW-13	05/02/05	77.70	---	28.35	---	49.35
WCW-13	08/01/05	77.70	---	27.66	---	50.04
WCW-13	02/27/06	77.70	---	27.46	---	50.24
WCW-13	05/01/06	77.70	---	27.57	---	50.13
WCW-13	09/18/06	77.70	---	27.66	---	50.04
WCW-13	12/01/06	77.70	---	28.10	---	49.60
WCW-13	03/12/07	77.70	---	28.00	---	49.70
WCW-13	04/30/07	77.70	---	28.06	---	49.64
WCW-13	08/28/07	77.70	---	28.31	---	49.39
WCW-13	11/12/07	77.70	---	28.79	---	48.91
WCW-13	02/19/08	77.70	---	28.80	---	48.90
WCW-13	04/14/08	77.70	---	28.78	---	48.92
WCW-13	08/11/08	77.70	---	29.12	---	48.58
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

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-13	01/14/13	77.70	---	31.54	---	46.16
WCW-13	04/08/13	77.70	---	31.67	---	46.03
WCW-13	10/07/13	77.70	---	32.66	---	45.04
WCW-13	04/14/14	77.70	---	32.94	---	44.76
WCW-13	10/27/14	77.70	---	33.67	---	44.03
WCW-13	04/20/15	77.70	---	34.10	---	43.60
WCW-13	10/19/15	77.70	---	34.75	---	42.95
WCW-13	04/11/16	77.70	---	35.32	---	42.38
WCW-13	10/03/16	77.70	---	36.03	---	41.67
WCW-13	10/03/16	77.70	---	36.03	---	41.67
WCW-13	04/17/17	77.70	---	36.83	---	40.87
WCW-13	10/02/17	77.70	---	36.64	---	41.06
WCW-13	04/16/18	77.70	---	37.10	---	40.60
WCW-13	11/05/18	77.70	---	37.68	---	40.02
WCW-13	04/16/19	77.70	---	38.03	---	39.67
WCW-13	10/28/19	77.70	---	38.13	---	39.57
WCW-13	05/04/20	77.70	---	38.41	---	39.29
WCW-13	11/02/20	77.70	---	38.52	---	39.18
WCW-13	05/03/21	77.70	---	38.64	---	39.06
WCW-14	05/03/99	78.81	---	30.67	---	48.14
WCW-14	08/09/99	78.81	---	30.83	---	47.98
WCW-14	11/15/99	78.81	---	31.19	---	47.62
WCW-14	05/15/00	78.81	---	31.02	---	47.79
WCW-14	11/13/00	78.81	---	31.26	---	47.55
WCW-14	05/07/01	78.81	---	30.85	---	47.96
WCW-14	04/08/02	78.81	---	30.71	---	48.10
WCW-14	10/21/02	78.81	---	31.07	---	47.74
WCW-14	04/07/03	78.81	---	31.11	---	47.70
WCW-14	05/10/04	78.81	---	31.29	---	47.52
WCW-14	11/01/04	78.81	---	31.59	---	47.22
WCW-14	05/02/05	78.81	---	29.38	---	49.43
WCW-14	05/01/06	78.81	---	28.59	---	50.22
WCW-14	12/01/06	78.81	---	29.22	---	49.59
WCW-14	04/30/07	78.81	---	29.16	---	49.65
WCW-14	11/12/07	78.81	---	29.90	---	48.91
WCW-14	04/14/08	78.81	---	29.85	---	48.96
WCW-14	10/16/08	78.81	---	30.74	---	48.07
WCW-14	04/20/09	78.81	---	30.83	---	47.98
WCW-14	10/19/09	78.81	---	31.32	---	47.49
WCW-14	01/12/10	78.81	---	32.24	---	46.57
WCW-14	05/24/10	78.81	---	31.87	---	46.94
WCW-14	05/28/10	78.81	---	31.84	---	46.97
WCW-14	01/08/11	78.81	---	32.13	---	46.68
WCW-14	04/08/11	78.81	---	31.57	---	47.24
WCW-14	04/11/11	78.81	---	31.66	---	47.15
WCW-14	07/07/11	78.81	---	31.60	---	47.21
WCW-14	10/06/11	78.81	---	31.57	---	47.24
WCW-14	04/16/12	78.81	---	31.97	---	46.84
WCW-14	07/09/12	78.81	---	NM	---	NC
WCW-14	10/15/12	78.81	---	NM	---	NC

Appendix C. Summary of Historical Groundwater Elevations – November 1996 through Present
Defense Fuel Support Point, Norwalk, California

Well	Date	Top of Casing Elevation (feet amsl)	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Apparent Product Thickness (feet)	Groundwater Elevation (feet amsl)
WCW-14	04/08/13	78.81	---	32.71	---	46.10
WCW-14	10/07/13	78.81	---	33.41	---	45.40
WCW-14	04/14/14	78.81	---	34.01	---	44.80
WCW-14	10/27/14	78.81	---	34.67	---	44.14
WCW-14	04/20/15	78.81	---	35.09	---	43.72
WCW-14	10/19/15	78.81	---	35.71	---	43.10
WCW-14	04/11/16	78.81	---	36.22	---	42.59
WCW-14	10/03/16	78.81	---	36.70	---	42.11
WCW-14	10/03/16	78.81	---	36.70	---	42.11
WCW-14	04/17/17	78.81	---	37.40	---	41.41
WCW-14	10/02/17	78.81	---	37.60	---	41.21
WCW-14	04/16/18	78.81	---	37.91	---	40.90
WCW-14	11/05/18	78.81	---	38.68	---	40.13
WCW-14	04/16/19	78.81	---	38.95	---	39.86
WCW-14	10/28/19	78.81	---	39.20	---	39.61
WCW-14	05/04/20	78.81	---	39.36	---	39.45
WCW-14	11/02/20	78.81	---	39.44	---	39.37
WCW-14	05/03/21	78.81	---	39.67	---	39.14

Notes:

--- = not detected or applicable

DRY = No measurable water observed in the well.

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

feet btoc = feet below top of casing

NC = not calculated

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

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

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

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-1	01/29/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/21/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/21/04	Blaine Tech for Parsons	200	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
EXP-1	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/03/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	12/05/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/02/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/29/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	11/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/20/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/16/08	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/14/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/15/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/24/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-1	04/20/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/20/09	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/19/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/11/10	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.44 J	<10	<2	<2	<2
EXP-1	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	0.45 J	<10	---	---	---
EXP-1	01/10/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/10/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/11/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/11/11	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/10/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/10/11	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/09/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-1	04/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/16/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	07/09/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/09/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/15/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/15/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/14/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/08/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/07/13	CH2M Hill	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/14/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
EXP-1	10/28/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-1	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
EXP-1	04/23/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-1	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
EXP-1	10/21/15	SGI	<100	---	<100	---	---	0.73	<0.50	<0.50	<1	<0.50	2.2	<10	<2	<2	<2
EXP-1	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<1	<1	<1
EXP-1	04/13/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
EXP-1	10/07/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
EXP-1	10/07/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
EXP-1	04/20/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.81	<10	<1	<1	<1
EXP-1	04/20/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	10/04/17	CHHL	<50	---	220 C	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/17	TSGS	<100	---	260	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	10/25/17	TSGS	---	---	230	---	---	---	---	---	---	---	---	---	---	---	---
EXP-1	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/17/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	11/06/18	TSGS	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/18/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	10/30/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	05/07/20	Jacobs	<50	---	64	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	10/22/20	SGI	<100	---	200	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	05/06/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	05/06/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	11/27/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<0.10	<0.50	<1	---	---	---	---
EXP-2	03/14/97	GTI	<100	---	---	---	---	<2	<2	<2	<2	---	---	---	---	---	---
EXP-2	03/14/97	GTI	<50	---	75	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-2	03/14/97	GTI	72	---	200	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-2	07/10/97	GTI	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
EXP-2	01/09/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-2	05/20/98	BBC	<300	---	---	---	---	<0.50	0.6	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-2	11/04/98	GTI	<300	<100	---	---	---	<0.50	1.5	1	10	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-2	05/07/99	Alton Geoscience	<500	---	<500	---	---	1.6	1.1	<0.50	1.9	<1	1.7	---	---	---	---
EXP-2	05/26/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	---	---	---	---
EXP-2	07/21/99	Alton Geoscience	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.83	---	---	---	---
EXP-2	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	09/23/99	Secor	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	10/12/99	Secor	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/19/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	12/21/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	03/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/16/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	06/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/29/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/09/01	IT Corporation	<300	<100	---	---	---	<0.50	0.9	<0.50	0.8	<0.50	<0.50	---	---	---	---
EXP-2	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/10/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/23/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/10/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/29/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/22/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/21/04	Blaine Tech for Parsons	120	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
EXP-2	11/04/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/03/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	12/06/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-2	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/03/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	08/29/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/20/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/17/08	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/17/08	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	08/14/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/16/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/24/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-2	04/21/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	1.1	0.59	0.67	1.78	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/20/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/19/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.1 J	<2	<2	<2
EXP-2	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/11/10	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
EXP-2	01/10/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/10/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/11/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/11/11	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/10/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/10/11	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/09/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/16/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/09/12	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/09/12	Parsons	<100	---	---	---	210 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	<2	<2	<2
EXP-2	10/15/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/15/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/14/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/08/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/07/13	CH2M Hill	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/14/14	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.5 J	<2	<2	<2
EXP-2	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/28/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-2	04/23/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/12/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/19/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	10/02/17	TSGS	<100	---	150	---	---	1.4	<0.50	5.4	1.8	<0.50	<1	<10	<2	<2	<2
EXP-2	10/03/17	CHHL	<50	---	<100X	---	---	0.98	<0.50	4.8	1.3	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/25/17	TSGS	---	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	04/19/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/19/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	11/05/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1	<1	<1
EXP-2	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/18/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	10/29/19	Jacobs	<50	---	56	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1.0	<1.0	<1.0
EXP-2	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	10/22/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	1.2	<10	<2.0	<2.0	<2.0
EXP-2	11/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<1.0	<1.0	<1.0
EXP-2	05/06/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.60	<10	<1.0	<1.0	<1.0
EXP-2	05/06/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	11/27/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	<1	---	---	---	---
EXP-3	03/14/97	GTI	<100	---	---	---	---	<2	<2	<2	<2	---	---	---	---	---	---
EXP-3	03/14/97	GTI	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-3	03/14/97	GTI	<50	---	250	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-3	07/10/97	GTI	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
EXP-3	01/09/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-3	05/20/98	BBC	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-3	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/07/99	Alton Geoscience	---	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.89	---	---	---	---
EXP-3	05/27/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/10/99	Alton Geoscience	<500	---	<1000	---	---	4	6.2	<1	3.4	<0.50	<1	---	---	---	---
EXP-3	09/23/99	Secor	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-3	10/12/99	Secor	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-3	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/19/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	12/21/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	01/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	03/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/17/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	06/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

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

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-3	07/20/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/20/09	Blaine Tech for AMEC GMX	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/19/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	01/11/10	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/12/10	Blaine Tech for DESC	---	---	---	---	<100	0.31 J	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<10	<1	<1	<1
EXP-3	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	0.68	<10	---	---	---
EXP-3	01/10/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	0.95	<10	<1	<1	<1
EXP-3	01/10/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.64	1	<10	<2	<2	<2
EXP-3	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	0.99	<10	<1	<1	<1
EXP-3	04/11/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	1.1	<10	<2	<2	<2
EXP-3	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	<10	<1	<1	<1
EXP-3	07/12/11	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.62	0.45 J	<10	<2	<2	<2
EXP-3	10/10/11	CH2M Hill	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/10/11	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.7 J	<2	<2	<2
EXP-3	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<1	<1	<1
EXP-3	01/09/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.81	0.63	<10	<2	<2	<2
EXP-3	04/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.58	<0.50	<10	<1	<1	<1
EXP-3	04/16/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.54	0.48 J	<10	<2	<2	<2
EXP-3	07/09/12	CH2M Hill	<50	---	190	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/09/12	Parsons	<100	---	---	---	250 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	9.5 J	<2	<2	<2
EXP-3	08/29/12	CH2M Hill	---	---	<50	---	---	---	---	---	---	---	---	---	---	---	---
EXP-3	10/15/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/15/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.45 J	<0.50	<10	<2	<2	<2
EXP-3	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
EXP-3	01/14/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	0.74	0.34 J	<10	<2	<2	<2
EXP-3	04/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/08/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/07/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	0.36 J	<0.50	<10	<2	<2	<2
EXP-3	04/14/14	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	<10	<1	<1	<1
EXP-3	10/28/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/23/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	10/20/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/20/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/12/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	<10	<1	<1	<1
EXP-3	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/04/17	CHHL	<50	---	100 C	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/17	TSGS	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/25/17	TSGS	---	---	<100	---	---	---	---	---	---	---	---	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-3	04/16/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	<10	<1	<1	<1
EXP-3	04/16/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	11/06/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	04/16/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/16/19	TSGS	<100	---	120 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	10/31/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	05/06/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	10/21/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	05/04/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-4	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
EXP-4	05/06/99	Alton Geoscience	<500	---	<500	---	---	1.3	4.1	<0.50	1.7	<1	<0.50	---	---	---	---
EXP-4	07/21/99	Alton Geoscience	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
EXP-4	08/10/99	Alton Geoscience	<500	---	<1000	---	---	50	80	7.7	44	2.1	4.2	---	---	---	---
EXP-4	09/23/99	Secor	<300	---	---	---	---	<0.50	<1	<1	<1	<1	<0.50	<1	---	---	---
EXP-4	09/23/99	Secor	<300	---	---	---	---	<0.50	<1	<1	<1	0.72	1.2	---	---	---	---
EXP-4	10/12/99	Secor	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-4	11/19/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
EXP-4	12/21/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	01/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.5	<0.50	<0.50	---	---	---	---
EXP-4	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	03/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	06/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	09/18/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	09/20/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	07/20/09	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/12	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-4	10/08/13	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/28/14	CH2M Hill	<50	---	63	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/21/15	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	11/11/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
EXP-5	05/05/99	Alton Geoscience	<500	---	<500	---	---	7.6	3.9	1.4	7.4	<1	140	---	---	---	---
EXP-5	07/21/99	Alton Geoscience	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	11	---	---	---	---
EXP-5	08/10/99	Alton Geoscience	<500	---	<1000	---	---	21	37	4.3	22	<0.50	2.4	---	---	---	---
EXP-5	09/23/99	Secor	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-5	10/12/99	Secor	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-5	11/19/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	12/21/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	03/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/20/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	06/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/29/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/21/04	Secor	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-5	08/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/20/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	08/14/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	10/15/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-5	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/21/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/04/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/10/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/11/11	CH2M Hill	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/10/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/09/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/14/13	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GB-21	01/24/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GB-21	01/24/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	140	<1	<1	<1
GB-22	01/21/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GB-22	01/21/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	110	<1	<1	<1
GB-23	01/21/11	Blaine Tech	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	2400	<1	<1	<1
GB-23	01/21/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GMW-1	11/27/96	Terra Services	---	---	---	---	---	13000	11000	2700	14300	<50	<500	---	---	---	---
GMW-1	07/17/97	Terra Services	68000	---	6900	---	---	10000	5500	2500	11500	<30	<300	---	---	---	---
GMW-1	01/09/98	Terra Services	5800	---	4500	---	---	5600	590	1200	4570	<30	<300	---	---	---	---
GMW-1	05/27/98	Terra Services	19600	---	---	---	---	4360	466	930	2279	<0.50	101	---	---	---	---
GMW-1	11/17/98	Alton Geoscience	4260	32200	---	---	---	950	150	360	320	<50	<50	---	---	---	---
GMW-1	05/05/99	Alton Geoscience	<500	---	<500	---	---	1.9	8.4	0.58	2.9	<1	<0.50	---	---	---	---
GMW-1	11/17/99	Secor	23000	25000	---	---	---	4700	440	1100	4040	<5	71	---	---	---	---
GMW-1	05/16/00	Secor	14000	16000	---	---	---	3100	40	720	2300	<25	50	---	---	---	---
GMW-1	11/30/00	Secor	14000	28000	---	---	---	2700	80	1000	1780	<0.50	33	---	---	---	---
GMW-1	05/09/01	Secor	1000	18000	---	---	---	1900	<13	530	468	<13	<13	---	---	---	---
GMW-1	11/06/01	Secor	11000	18000	---	---	---	2900	35	1300	280	<0.50	27	---	---	---	---
GMW-1	04/10/02	Secor	7600	13000	---	---	---	2000	26	740	295	<10	18	---	---	---	---
GMW-1	10/23/02	Secor	830	8400	---	---	---	1300	<5	330	111	<5	17	---	---	---	---
GMW-1	03/11/03	Geomatrix	340	390	---	---	---	130	<0.50	30	6.05	<0.50	0.68	---	---	---	---
GMW-1	04/08/03	Secor	4500	2100	---	---	---	2200	<10	240	142	<20	25	---	---	---	---
GMW-1	08/01/03	Secor	4000	2100	---	---	---	1600	11	360	172	<20	14	---	---	---	---
GMW-1	10/06/03	Secor	7400	2500	---	---	---	2200	12	520	196	<20	13	---	---	---	---
GMW-1	01/27/04	Secor	4400	2200	---	---	---	1500	5.7	180	200	<10	12	---	---	---	---
GMW-1	04/22/04	Secor	9100	5200	---	---	---	3200	<20	270	160	<40	<20	---	---	---	---
GMW-1	07/19/04	Secor	6000	1800	---	---	---	2100	<10	90	70	<20	20	---	---	---	---
GMW-1	11/03/04	Secor	7900	3700	---	---	---	3500	<10	88	35	<20	18	---	---	---	---
GMW-1	02/02/05	Secor	2100	1500	---	---	---	1100	<5	18	29	<10	12	---	---	---	---
GMW-1	05/06/05	Secor	<200	320	---	---	---	1.2	<1	<1	<1	<2	<1	---	---	---	---
GMW-1	08/01/05	Secor	<500	1100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	11/02/05	Secor	<500	1400	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	02/27/06	Secor	<1000	1600	---	---	---	<5	<5	<5	<5	<10	<5	---	---	---	---
GMW-1	05/04/06	Secor	<500	1600	---	---	---	4	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	09/18/06	Secor	<500	1300	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	12/06/06	Secor	<500	4500	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	03/13/07	Secor	<1000	2000	---	---	---	<5	<5	<5	<5	<10	<5	---	---	---	---
GMW-1	05/04/07	Secor	<50	1500	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-1	08/30/07	Secor	520	910	---	---	---	<1.5	<1.5	<1.5	<1.5	<3	<1.5	---	---	---	---
GMW-1	11/14/07	Secor	140	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-1	02/20/08	Secor	<200	690	---	---	---	41	<1	4.9	4.8	<2	<1	---	---	---	---
GMW-1	04/16/08	Secor	<200	1200	---	---	---	14	<1	<1	<1	<2	<1	---	---	---	---
GMW-1	10/17/08	Stantec	1600	2900	---	---	---	52	1.6	58	250	<2	<1	---	---	---	---
GMW-1	04/20/09	Blaine Tech for AMEC GMX	600	2400	---	---	---	63	1.2	25	15.7	<2	<1	<20	<2	<2	<2
GMW-1	10/22/09	Blaine Tech for Parsons	330	1900	---	---	---	1.5	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	05/27/10	Blaine Tech	900	1900	---	---	---	55	4.9	46	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/07/10	Blaine Tech	400	<1700	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	04/14/11	Blaine Tech	230	1500	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/12/11	CH2M Hill	230	1700	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	04/19/12	CH2M Hill	<200	---	850	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/17/12	CH2M Hill	<500	---	880	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-1	04/11/13	CH2M Hill	<500	---	470	---	---	2.8	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-1	10/10/13	CH2M Hill	<200	---	270	---	---	<1	<1	<1	<1	<2	1.7	29	<2	<2	<2
GMW-1	04/16/14	CH2M Hill	89	---	77	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	11	<1	<1	<1
GMW-1	10/30/14	CH2M Hill	70	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.94	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-1	04/23/15	CH2M Hill	58	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	16	<1	<1	<1
GMW-1	10/23/15	CH2M	110	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	13	<1	<1	<1
GMW-1	03/15/16	CH2M	<50	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1	<1	<1
GMW-1	04/14/16	CH2M	55	---	70	---	---	<0.50	<0.50	<0.50	7.7	<0.50	2.9	22	<1	<1	<1
GMW-1	06/29/16	CH2M	<50	---	69	---	---	<0.50	<0.50	<0.50	2.3	<0.50	2.9	16	<1	<1	<1
GMW-1	08/23/16	CH2M	<50	---	68	---	---	0.09	0.11	0.19	1.4	<0.50	1.8	12	0.12	<1	0.19
GMW-1	10/06/16	CH2M	57	---	150	---	---	0.56	<0.50	<0.50	2.9	<0.50	2	13	<1	<1	<1
GMW-1	05/11/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1.0	<1.0	<1.0
GMW-2	11/21/96	Terra Services	---	---	---	---	---	6500	44	700	960	<30	4800	---	---	---	---
GMW-2	07/15/97	Terra Services	350	---	<500	---	---	59	1.2	41	20	<0.50	<5	---	---	---	---
GMW-2	01/08/98	Terra Services	<100	---	<500	---	---	4.1	0.79	1.1	1.1	2.7	220	---	---	---	---
GMW-2	05/27/98	Terra Services	<300	---	---	---	---	<0.50	58	0.8	0.5	<0.50	21	---	---	---	---
GMW-2	11/17/98	Alton Geoscience	<300	<100	---	---	---	0.88	2.1	0.9	4.8	<0.50	4.4	---	---	---	---
GMW-2	05/07/99	Alton Geoscience	<500	---	<500	---	---	8.2	<0.50	<0.50	0.94	<1	42	---	---	---	---
GMW-2	11/17/99	Secor	<300	<100	---	---	---	0.7	<0.50	<0.50	<0.50	<0.50	66	---	---	---	---
GMW-2	05/16/00	Secor	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
GMW-2	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	140	---	---	---	---
GMW-2	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	51	---	---	---	---
GMW-2	11/06/01	Secor	<300	<100	---	---	---	7.8	<0.50	<0.50	0.7	1.2	140	---	---	---	---
GMW-2	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	240	---	---	---	---
GMW-2	10/23/02	Secor	<300	240	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	---
GMW-2	10/07/03	Secor	91	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	81	---	---	---	---
GMW-2	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-2	05/09/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	---	---	---	---
GMW-2	05/02/07	Secor	160	110	---	---	---	73	<0.50	<0.50	2.3	<1	5.8	---	---	---	---
GMW-2	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-2	04/20/09	Blaine Tech for AMEC GMX	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-2	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	11/25/96	Terra Services	---	---	---	---	---	<5	<5	<0.50	<1.5	<5	<50	---	---	---	---
GMW-3	07/11/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-3	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-3	05/26/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	0.9	<0.50	<0.50	---	---	---	---
GMW-3	11/11/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-3	05/07/99	Alton Geoscience	<500	---	<500	---	---	1.1	4.4	<0.50	1.9	<1	<0.50	---	---	---	---
GMW-3	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
GMW-3	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	---	---	---	---
GMW-3	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	01/27/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/03/05	Secor	120	710	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-3	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/14/07	Secor	<200	1800	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
GMW-3	04/16/08	Blaine Tech for Parsons	<100	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-3	04/16/08	Secor	<100	750	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-3	10/14/08	Stantec	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/20/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	0.63	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	06/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1	<1	<1
GMW-3	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-4	07/15/97	Terra Services	1300	---	2100	---	---	38	<0.50	35	45	<0.50	<5	---	---	---	---
GMW-4	01/08/98	Terra Services	380	---	530	---	---	14	1.2	12	18.8	1.6	<5	---	---	---	---
GMW-4	05/26/98	Terra Services	2300	---	---	---	---	42	<0.30	69	87	<2.5	<2.5	---	---	---	---
GMW-4	11/18/99	Secor	1600	4100	---	---	---	67	<0.50	51	24.1	<0.50	<0.50	---	---	---	---
GMW-4	05/19/00	Secor	2500	3400	---	---	---	48	0.5	29	36.9	<0.50	<0.50	---	---	---	---
GMW-4	04/10/03	Secor	500	1100	---	---	---	8	<0.50	8.2	26	<0.50	<0.50	---	---	---	---
GMW-4	05/04/07	Secor	2000	13000	---	---	---	110	<1	27	12.1	<2	<1	---	---	---	---
GMW-4	04/16/08	Blaine Tech for Parsons	16000	14000	---	---	---	270	<2.5	110	157	<2.5	<2.5	<50	<10	<10	<10
GMW-4	04/17/08	Secor	4400	40000	---	---	---	290	<5	89	102	<10	<5	---	---	---	---
GMW-4	11/21/08	Stantec	4900	16000	---	---	---	260	<2.5	45	27.9	<5	<2.5	---	---	---	---
GMW-4	04/23/09	Blaine Tech for AMEC GMX	2500	9500	---	---	---	120	<0.50	12	8.6	<1	3.9	<10	<1	<1	<1
GMW-4	05/27/10	Blaine Tech	2200	6100	---	---	---	170	1.1	6.3	10	<2	<1	<20	<2	<2	<2
GMW-4	10/05/10	Blaine Tech	1300	<15000	---	---	---	8.2	<1	2.8	2.2	<2	3.2	22	<2	<2	<2
GMW-4	04/14/11	Blaine Tech	2800	24000	---	---	---	130	<1	2	3.4	<2	<1	<20	<2	<2	<2
GMW-4	10/12/11	CH2M Hill	1200	4200	---	---	---	62	<1	1.4	<1	<2	3.8	<20	<2	<2	<2
GMW-4	04/20/12	CH2M Hill	4600	---	25000	---	---	170	<10	<10	<10	<20	<10	<200	<20	<20	<20
GMW-4	10/19/12	CH2M Hill	1300	---	8100	---	---	36	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-4	04/12/13	CH2M Hill	2100	---	8000	---	---	56	<4	<4	<4	<8	<4	<80	<8	<8	<8
GMW-4	10/11/13	CH2M Hill	1800	---	2400	---	---	24	<0.50	1.1	1.7	<1	2.2	<10	<1	<1	<1
GMW-5	11/27/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-5	07/11/97	GTI	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-5	01/06/98	GTI	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/18/98	BBC	---	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	11/04/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/16/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	11/29/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---

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

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

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-6	04/17/18	TSGS	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	11/09/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	04/16/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	10/21/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	05/05/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-7	05/21/98	BBC	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-7	12/01/00	IT Corporation	520000	370000	---	---	---	4800	970	620	12000	---	<2500	---	---	---	---
GMW-7	04/30/15	SGI	610	---	28000	---	---	8.1	<0.50	<0.50	<1	<0.50	<2	15	<2	<2	<2
GMW-7	10/11/16	SGI	560	---	2000	---	---	7.5	<0.50	<0.50	<1	<0.50	1.4	47	<2	<2	<2
GMW-7	10/10/17	TSGS	240	---	1400	---	---	2.2	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-7	04/20/18	TSGS	150	---	4800 J	---	---	1.6	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-7	11/12/18	TSGS	410	---	5600	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-7	04/22/19	TSGS	150	---	3900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	31	<2	<2	<2
GMW-7	11/06/19	SGI	230	---	5000	---	---	5.1	<0.50	<0.50	<1.0	<0.50	<1.2	27	<2.0	<2.0	<2.0
GMW-7	05/11/20	SGI	360	---	5100	---	---	9.1	<0.50	0.51	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-7	10/26/20	SGI	530	---	2300	---	---	150 J	0.54 J	1.3 J	<1.0	<0.50	1.8	<10	<2.0	<2.0	<2.0
GMW-7	05/12/21	SGI	710	---	4700	---	---	100	<1.0	2.5	<2.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-8	11/21/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	12	<5	---	---	---	---
GMW-8	07/11/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	1.7	<5	---	---	---	---
GMW-8	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	5	<5	---	---	---	---
GMW-8	05/26/98	Terra Services	---	---	---	---	---	<0.30	<0.30	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-8	11/06/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.6	<0.90	---	---	---	---
GMW-8	05/05/99	Alton Geoscience	<500	---	<500	---	---	2	7.2	0.57	3	<1	<0.50	---	---	---	---
GMW-8	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	1.7	<0.50	0.51	4.4	<0.50	---	---	---	---
GMW-8	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.6	<0.50	---	---	---	---
GMW-8	05/19/00	Secor	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	15	<0.50	---	---	---	---
GMW-8	11/29/00	Secor	<300	780	---	---	---	1	0.9	<0.50	1.5	10	2.9	---	---	---	---
GMW-8	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	2.4	---	---	---	---
GMW-8	10/24/02	Secor	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	---	---	---	---
GMW-8	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	---	---	---	---
GMW-8	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	11/05/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	11/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.78	---	---	---	---
GMW-8	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	---	---	---	---
GMW-8	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	---	---	---	---
GMW-8	11/14/07	Secor	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/17/08	Secor	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	10/21/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/19/09	Blaine Tech for Parsons	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-8	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	06/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	0.59	<10	<1	<1	<1
GMW-8	04/15/14	CH2M Hill	<100	---	93	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.8	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-8	10/29/14	CH2M Hill	<100	---	65	---	---	<0.50	<0.50	<0.50	<0.50	3.3	1.1	<10	<1	<1	<1
GMW-8	04/22/15	CH2M Hill	<50	---	60	---	---	<0.50	<0.50	<0.50	<0.50	3.3	1.7	<10	<1	<1	<1
GMW-8	10/22/15	CH2M	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	4.6	1.5	<10	<1	<1	<1
GMW-8	04/15/16	CH2M	<50	---	230	---	---	<0.50	<0.50	<0.50	<0.50	4.3	1.4	<10	<1	<1	<1
GMW-8	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.9	0.55	<10	<1	<1	<1
GMW-8	04/18/17	CH2M	<50	---	170	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/05/17	CHHL	<50	---	270 L	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	04/19/18	CHHL	<50	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	11/08/18	CHHL	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	04/19/19	CHHL	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/29/19	Jacobs	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	05/12/20	Jacobs	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	06/10/20	Jacobs	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	11/05/20	Jacobs	<50	---	100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	05/06/21	Jacobs	<50	---	160	---	---	<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	6800	7200	---	---	---	890	62	120	650	<10	56	1600	44	<10	<10
GMW-9	04/13/11	Blaine Tech	54000	21000	---	---	---	20000	290	970	3800	<200	3600	<2000	<200	<200	<200
GMW-9	10/13/11	CH2M Hill	61000	7600	---	---	---	18000	6500	760	3400	<200	2100	<2000	<200	<200	<200
GMW-9	08/23/16	CH2M	94	---	1700	---	---	0.71	<0.50	<0.50	3.4	<0.50	2.3	80	4.7	<1	<1
GMW-9	10/06/16	CH2M	67	---	140	---	---	4.6	<0.50	<0.50	<0.50	0.64	0.84	110	13	<1	<1
GMW-9	04/21/17	CH2M	750	---	760	---	---	9.2	0.98	0.71	20	<1	1.9	18	5.5	<1	<1
GMW-9	10/05/17	CHHL	<50	---	100	---	---	<0.50	<0.50	<0.50	<0.50	0.56	0.62	83	4.7	<1	<1
GMW-9	05/15/18	CHHL	<50	---	290	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	34	4.4	<1	<1
GMW-9	11/08/18	CHHL	<50	---	53	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	40	3.1	<1	<1
GMW-9	04/23/19	CHHL	290	---	59	---	---	<0.50	<0.50	<0.50	2.1	<0.50	0.72	4900	<1	<1	<1
GMW-9	11/01/19	Jacobs	<50	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<1.0	<1.0	<1.0
GMW-9	05/11/20	Jacobs	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	<10	<1.0	<1.0	<1.0
GMW-9	11/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-9	05/06/21	Jacobs	<50	---	83	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-10	10/08/10	Blaine Tech	4800	36000	---	---	---	360	<2.5	87	14	<5	<2.5	120	<5	<5	<5
GMW-10	04/14/11	Blaine Tech	5700	31000	---	---	---	370	2	93	7.9	<3	<1.5	100	<3	<3	<3
GMW-10	10/14/11	CH2M Hill	3700	11000	---	---	---	580	3.3	75	7.8	<5	<2.5	590	<5	<5	<5
GMW-10	04/27/12	CH2M Hill	3000	---	3100	---	---	360	<2	15	3.2	<4	<2	79	<4	<4	<4
GMW-10	10/19/12	CH2M Hill	10000	---	7500	---	---	1300	380	270	1400	<10	<5	<100	<10	<10	<10
GMW-10	04/12/13	CH2M Hill	14000	---	100000	---	---	210	65	48	310	<20	<10	<200	<20	<20	<20
GMW-10	10/11/13	CH2M Hill	13000	---	9500	---	---	1100	800	350	1900	<20	<10	<200	<20	<20	<20
GMW-10	10/28/15	CH2M	27000	---	41000	---	---	1100	2400	730	3800	<20	<10	<200	<20	<20	<20
GMW-10	02/24/21	Jacobs	<500	---	39000	---	---	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
GMW-10	05/06/21	Jacobs	<500	---	19000	---	---	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
GMW-11	11/21/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-11	07/10/97	Terra Services	220	---	2500	---	---	<0.50	4	0.9	<0.50	<0.50	<5	---	---	---	---
GMW-11	01/07/98	Terra Services	4000	---	220000	---	---	<0.50	<0.50	<0.50	1.6	<0.50	<5	---	---	---	---
GMW-11	05/20/98	Terra Services	42400	---	---	---	---	<0.30	<0.30	<25	<50	<2.5	<0.50	---	---	---	---
GMW-11	11/17/98	Alton Geoscience	6230	146000	---	---	---	<5	6	<5	11	<5	24	---	---	---	---
GMW-11	05/07/99	Alton Geoscience	1900	---	1900	---	---	0.61	2.1	<0.50	0.62	<1	<0.50	---	---	---	---
GMW-11	11/16/99	Secor	1200	25000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	05/19/00	Secor	790	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	11/30/00	Secor	1600	4100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	05/10/01	Secor	<300	670	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	11/07/01	IT Corporation	<300	560	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-11	04/15/16	SGL	<100	---	440	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	11/27/96	GSI	99	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	<1	---	---	---	---
GMW-12	07/10/97	GTI	110	---	8600	<7500	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-12	01/06/98	GTI	<500	---	1000	<100	---	<0.50	1.6	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-12	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-12	11/05/98	GTI	<300	433	---	---	---	4.5	<0.50	3	1.7	<0.50	<0.50	---	---	---	---
GMW-12	05/27/99	GTI	<300	937	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/18/99	IT Corporation	<300	4900	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	05/17/00	IT Corporation	<300	2200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/30/00	IT Corporation	<300	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	05/09/01	IT Corporation	<300	2100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/07/01	IT Corporation	<300	2700	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/11/02	IT Corporation	<300	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	10/23/02	GTI	<300	1700	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
GMW-12	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/14/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	10/10/03	Blaine Tech for Parsons	<100	2900	---	---	---	<0.50	<0.50	0.56	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/21/04	Blaine Tech for Parsons	<100	2000	---	---	---	<0.50	<0.50	<0.50	0.62	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/04/04	Blaine Tech for Parsons	<100	2600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/06/05	Blaine Tech for Parsons	<100	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/08/05	Blaine Tech for Parsons	<100	270	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/04/06	Blaine Tech for Parsons	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	12/08/06	Blaine Tech for Parsons	<100	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/04/07	Blaine Tech for Parsons	<100	440	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/16/07	Blaine Tech for Parsons	---	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/18/08	Blaine Tech for Parsons	<100	480	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/16/08	Blaine Tech for Parsons	<100	---	---	---	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/23/09	Blaine Tech for Parsons	<100	---	---	---	630	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/20/09	Blaine Tech for DESC	<100	---	---	---	480	<0.50	<0.50	<0.50	<0.50	<0.50	0.49 J	<10	<2	<2	<2
GMW-12	04/15/10	Blaine Tech for DESC	---	---	---	---	400	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-12	10/08/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	3.6 J	---	---	---
GMW-12	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/10/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/15/12	Parsons	---	---	---	---	280 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/09/13	Parsons	---	---	650 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/08/13	Parsons	<100	---	700 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/16/14	Parsons	<100	---	1200 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/29/14	SGL	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-12	04/28/15	SGL	<100	---	960	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-12	10/10/16	SGL	<100	---	1400	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	04/21/17	SGL	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	10/04/17	TSGS	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	04/23/18	TSGS	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	11/12/18	TSGS	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	04/19/19	TSGS	<100	---	780	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	10/30/19	SGL	<100	---	600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	05/08/20	SGL	<100	---	190	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	10/22/20	SGL	<100	---	190	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	05/06/21	SGL	<100	---	400	---	---	0.72	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-13	11/21/96	Terra Services	---	---	---	---	---	3.2	<0.50	0.73	1.2	<0.50	<5	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-13	07/10/97	Terra Services	1300	---	5600	---	---	1.6	3.5	0.93	2.35	<0.50	<5	---	---	---	---
GMW-13	01/08/98	Terra Services	<100	---	<500	---	---	1.9	1.6	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-13	05/20/98	Terra Services	<300	---	---	---	---	<0.30	<0.30	<25	0.8	<2.5	<0.50	---	---	---	---
GMW-13	11/12/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-13	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	---	---	---	---
GMW-13	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1	---	---	---	---
GMW-13	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	---	---	---	---
GMW-13	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/23/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	23	9.5	<10	3.8	<2	<2
GMW-13	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/13/11	Blaine Tech for Parsons	---	---	---	---	130	---	---	---	---	---	---	---	---	---	---
GMW-13	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/18	CHHL	<50	---	88	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	05/08/20	Jacobs	<50	---	74	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-13	05/04/21	Jacobs	<50	---	51	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-14	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	04/22/04	Secor	59	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	03/08/06	Blaine Tech for Parsons	520	2000	---	---	---	2.6	<0.50	<0.50	<0.50	0.64	4	21	<2	<2	<2
GMW-14	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/14/07	Secor	1500	2100	---	---	---	<2.5	<2.5	34	3	<5	<2.5	---	---	---	---
GMW-14	04/16/08	Secor	440	850	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-14	07/29/08	Blaine Tech for Parsons	210	810	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	18	<2	<2	<2
GMW-14	10/17/08	Stantec	210	420	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-14	04/23/09	Blaine Tech for AMEC GMX	120	580	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/22/09	Blaine Tech for Parsons	130	740	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<1	<1	<1
GMW-14	04/16/10	Blaine Tech for DESC	---	---	---	---	1500	160	<0.50	2.6	2.95	<0.50	13	15	<2	<2	0.79 J
GMW-14	10/07/10	Blaine Tech	160	<620	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-14	04/13/11	Blaine Tech	<100	310	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-14	10/12/11	CH2M Hill	58	600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/19/12	CH2M Hill	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/17/12	CH2M Hill	<50	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/11/13	CH2M Hill	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/10/13	CH2M Hill	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	16	<1	<1	<1
GMW-14	10/30/14	CH2M Hill	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.83	17	<1	<1	<1
GMW-14R	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<1	<1	<1
GMW-14R	10/05/17	CHHL	<50	---	71	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14R	04/19/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
GMW-14R	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14R	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14R	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/11/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	11/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/10/21	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/20/98	BBC	1300	---	---	---	---	3.9	<0.30	7.4	6.4	---	---	---	---	---	---
GMW-15	11/05/98	GTI	512	1170	---	---	---	1.8	<0.30	3.7	1	---	---	---	---	---	---
GMW-15	05/27/99	GTI	634	18600	---	---	---	2.5	<0.30	5.3	2	---	---	---	---	---	---
GMW-15	11/18/99	IT Corporation	<300	3400	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-15	05/16/00	IT Corporation	610	11000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-15	12/01/00	IT Corporation	450	4000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-15	05/10/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-15	11/07/01	IT Corporation	<300	13000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-15	04/10/02	IT Corporation	1900	18000	---	---	---	1.2	<0.30	1.6	3.8	---	<5	---	---	---	---
GMW-15	10/23/02	GTI	840	16000	---	---	---	0.58	<0.30	0.72	1.5	---	<5	---	---	---	---
GMW-15	04/10/03	GTI	---	5060	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-15	10/08/03	Blaine Tech for Parsons	---	11000	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	04/22/04	Blaine Tech for Parsons	---	4200	---	---	---	0.7	<0.30	<0.30	0.47	---	<5	---	---	---	---
GMW-15	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	05/06/05	Blaine Tech for Parsons	---	670	---	---	---	<0.30	0.47	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	11/08/05	Blaine Tech for Parsons	---	200	---	---	---	<0.30	0.31	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	05/03/06	Blaine Tech for Parsons	---	330	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	12/08/06	Blaine Tech for Parsons	---	160	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	05/02/07	Blaine Tech for Parsons	---	710	---	---	---	<0.50	<0.50	<0.50	1.2	---	<5	---	---	---	---
GMW-15	05/02/07	Blaine Tech for Parsons	---	740	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	11/14/07	Blaine Tech for Parsons	---	890	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	04/16/08	Blaine Tech for Parsons	---	1400	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	10/15/08	Blaine Tech for Parsons	---	---	---	---	1400	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/21/09	Blaine Tech for Parsons	180	---	---	---	3600	<0.50	<0.50	<0.50	<0.50	---	5.4	---	---	---	---
GMW-15	10/20/09	Blaine Tech for DESC	---	---	---	---	4900	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	4.5 J	<2	<2	<2
GMW-15	04/15/10	Blaine Tech for DESC	---	---	---	---	760	<0.50	<0.50	<0.50	<0.50	---	5.7	<10	<2	<2	<2
GMW-15	10/05/10	Blaine Tech for Parsons	---	---	---	---	230	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-15	04/14/11	Blaine Tech for Parsons	---	---	---	---	210	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/10/11	Parsons	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/19/12	Parsons	---	---	---	---	1600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/15/12	Parsons	---	---	---	---	460 b	<0.50	<0.50	<0.50	<0.50	<0.50	12	<10	<2	<2	<2
GMW-15	04/10/13	Parsons	---	---	6200 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-15	10/08/13	Parsons	350 HD	---	4600 HD	---	---	<0.50	<0.50	0.19 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/16/14	Parsons	250 HD	---	2700 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/30/14	SGI	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	04/28/15	SGI	<100	---	1500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	10/23/15	SGI	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	04/14/16	SGI	<100	---	3700	---	---	0.56	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	10/10/16	SGI	<100	---	2400	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	04/21/17	SGI	<100	---	1600	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	10/05/17	TSGS	<100	---	2000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	04/20/18	TSGS	<100	---	3400 J	---	---	0.97	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	11/12/18	TSGS	<100	---	4200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	04/19/19	TSGS	<100	---	2200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	11/06/19	SGI	<100	---	1800	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/11/20	SGI	<100	---	220	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	10/23/20	SGI	<100J	---	720	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/07/21	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	11/21/96	GSI	<38	---	<500	<500	---	<0.50	<0.50	0.8	<1.5	<0.50	---	---	---	---	---
GMW-16	07/09/97	GTI	<50	---	110	<50	---	5.7	<5	9.2	7.5	<5	<5	---	---	---	---
GMW-16	01/06/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-16	05/20/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/04/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	05/16/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/29/00	IT Corporation	<300	140	---	---	---	0.64	1.2	0.85	3.2	---	<5	---	---	---	---
GMW-16	05/10/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-16	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	9.1	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-16	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-16	10/23/02	GTI	<300	110	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	04/11/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-16	10/08/03	Blaine Tech for Parsons	---	310	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	0.59	---	<5	---	---	---	---
GMW-16	05/06/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	0.58	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	0.48	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	05/03/06	Blaine Tech for Parsons	---	100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	12/06/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	05/02/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	04/16/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	10/15/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/21/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-16	10/20/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/12/10	Blaine Tech for DESC	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-16	10/05/10	Blaine Tech for Parsons	---	---	---	---	100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-16	10/10/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/18/12	Parsons	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/15/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/10/13	Parsons	---	---	190 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/08/13	Parsons	<100	---	250 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/27/14	SGI	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-16	04/24/15	SGI	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-16	04/19/17	SGI	<100	---	660	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	10/05/17	TSGS	<100	---	370	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	04/18/18	TSGS	<100	---	290	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	11/09/18	TSGS	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	04/18/19	TSGS	<100	---	360	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	11/05/19	SGI	<100	---	210	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/07/20	SGI	<100	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	10/21/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/07/21	SGI	<100	---	240	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17	05/10/01	IT Corporation	6800	1500000	---	---	---	52	25	<15	330	---	<250	---	---	---	---
GMW-17	10/24/02	GTI	49000	170000	---	---	---	91	<30	<30	160	---	<500	---	---	---	---
GMW-17	04/14/03	GTI	---	10100	---	---	---	572	5.55	75.1	367	---	<15	---	---	---	---
GMW-17	10/10/03	Blaine Tech for Parsons	---	8700	---	---	---	240	1.5	9.5	41	---	<10	---	---	---	---
GMW-17	04/22/04	Blaine Tech for Parsons	---	2400	---	---	---	540	4.6	24	190	---	63	---	---	---	---
GMW-17	11/06/04	Blaine Tech for Parsons	---	3000	---	---	---	110	<0.30	2.1	6.1	---	19	---	---	---	---
GMW-17	05/10/05	Blaine Tech for Parsons	---	760	---	---	---	7.9	3.6	<1.5	2.6	---	<25	---	---	---	---
GMW-17	11/08/05	Blaine Tech for Parsons	---	290	---	---	---	3.7	<0.30	0.37	1.9	---	7	---	---	---	---
GMW-17	05/05/06	Blaine Tech for Parsons	---	1200	---	---	---	3.7	2.2	1.6	4.5	---	<5	---	---	---	---
GMW-17	12/08/06	Blaine Tech for Parsons	---	1400	---	---	---	34	<0.50	1.9	30	---	<5	---	---	---	---
GMW-17	05/03/07	Blaine Tech for Parsons	---	12000	---	---	---	9.1	<0.50	0.92	9	---	7.7	---	---	---	---
GMW-17	11/14/07	Blaine Tech for Parsons	---	1200	---	---	---	4.8	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-17	04/18/08	Blaine Tech for Parsons	---	<100	---	---	---	5.3	<0.50	0.62	1.4	---	<5	---	---	---	---
GMW-17	10/17/08	Blaine Tech for Parsons	---	---	---	---	---	1600	2.6	<0.50	0.57	<0.50	<0.50	<10	<2	<2	<2
GMW-17	04/22/09	Blaine Tech for Parsons	450	---	---	---	---	760	27	<0.50	2.4	<0.50	<0.50	---	<0.50	<0.50	<0.50
GMW-17	10/20/09	Blaine Tech for DESC	---	---	---	---	---	2400	0.42 J	<0.50	<0.50	<0.50	<0.50	9.5 J	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-17	04/14/10	Blaine Tech for DESC	1200	---	---	---	1900	59	0.34 J	5.5	2	---	<0.50	<10	<2	<2	<2
GMW-17	10/05/10	Blaine Tech for Parsons	1200	---	---	---	2000	79	---	---	---	<0.50	<0.50	5.2 J	---	---	---
GMW-17	04/15/11	Blaine Tech for Parsons	750	---	---	---	1200	13	0.55	4.6	0.82	<0.50	<0.50	<10	<2	<2	<2
GMW-17	10/10/11	Parsons	<1100	---	---	---	1100	50	<0.77	28	6.47	<0.50	<0.50	<10	<2	<2	<2
GMW-17	04/20/12	Parsons	610	---	---	---	2100	1.2	<0.50	0.18 J	0.71 J	<0.50	<0.50	29	<2	<2	<2
GMW-17	04/12/13	Parsons	1000 b	---	6700	---	---	55	1.1	1.2	13.7	<0.50	<0.50	31	<2	<2	<2
GMW-17	10/09/13	Parsons	680 HD	---	4200 HD	---	---	16	1.2	1.7	11.6	<0.50	0.48 J	30	<2	<2	<2
GMW-17	04/18/14	Parsons	1400 HD	---	5700 HD	---	---	38	1.9	2.3	21.1	<0.50	0.42 J	48	<2	<2	<2
GMW-17	10/31/14	SGI	510	---	2300	---	---	10	1.5	<0.50	2.7	<0.50	<2	30	<2	<2	<2
GMW-17R	10/09/17	TSGS	640	---	1200	---	---	64	<0.50	5	2.9	<0.50	2.5	19	<2	<2	<2
GMW-17R	04/20/18	TSGS	550	---	1600 J	---	---	63	0.69	0.78	19	<0.50	3.7	<10	<2	<2	<2
GMW-17R	11/12/18	TSGS	1300	---	1600	---	---	46	<0.50	1.4	41	<0.50	2.6	<10	<2	<2	<2
GMW-17R	04/19/19	TSGS	<100	---	220	---	---	<0.50	<0.50	2.7	15	<0.50	<1	<10	<2	<2	<2
GMW-17R	10/31/19	SGI	<100	---	<100	---	---	1.3	<0.50	4.7	18.2	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	10/20/20	SGI	<100J	---	<100J	---	---	<0.50J	<0.50J	<0.50J	<1.0J	<0.50J	<1.2J	<10J	<2.0J	<2.0J	<2.0J
GMW-17R	05/04/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	04/14/03	GTI	---	16500000	---	---	---	3410	3510	3070	17800	---	<150	---	---	---	---
GMW-18	10/08/03	Blaine Tech for Parsons	---	170000	---	---	---	2600	120	360	3100	---	<1000	---	---	---	---
GMW-18	04/21/04	Blaine Tech for Parsons	---	45000	---	---	---	2700	<50	380	4288	---	<50	---	---	---	---
GMW-18	11/04/04	Blaine Tech for Parsons	---	51000	---	---	---	1300	<3	220	2400	---	<50	---	---	---	---
GMW-18	05/06/05	Blaine Tech for Parsons	---	5900	---	---	---	1100	22	140	1200	---	<50	---	---	---	---
GMW-18	11/08/05	Blaine Tech for Parsons	---	17000	---	---	---	650	11	17	470	---	<100	---	---	---	---
GMW-18	05/04/06	Blaine Tech for Parsons	---	19000	---	---	---	200	1.9	15	100	---	6.9	---	---	---	---
GMW-18	12/08/06	Blaine Tech for Parsons	---	6800	---	---	---	320	<0.50	25	190	---	11	---	---	---	---
GMW-18	05/03/07	Blaine Tech for Parsons	---	10000	---	---	---	200	<2.5	13	56	---	<25	---	---	---	---
GMW-18	11/15/07	Blaine Tech for Parsons	---	1900	---	---	---	160	<0.50	4.1	26	---	5.5	---	---	---	---
GMW-18	04/17/08	Blaine Tech for Parsons	---	3400	---	---	---	180	0.87	13	100	---	6.7	---	---	---	---
GMW-18	10/16/08	Blaine Tech for Parsons	---	---	---	---	2800	33	<0.50	2.2	10.64	<0.50	4.7	12	<2	<2	<2
GMW-18	04/23/09	Blaine Tech for Parsons	880	---	---	---	1100	60	<0.50	1.4	5	<0.50	3	13	<2	<2	<2
GMW-18	10/20/09	Blaine Tech for DESC	---	---	---	---	2700	15	<0.50	0.55	5.55	<0.50	7	13	<2	<2	<2
GMW-18	04/16/10	Blaine Tech for DESC	1500	---	---	---	7200	80	0.84	0.49 J	1.57	---	7.3	43	<2	<2	<2
GMW-18	04/20/12	Parsons	2100	---	---	---	4700	67	0.4 J	1.1	5.89	1.7	3.5	57	<2	<2	<2
GMW-18	07/10/12	Parsons	---	---	---	---	7800	94	0.42 J	0.94	3.89	<0.50	3.9	27	<2	<2	<2
GMW-18	11/03/14	SGI	15000	---	230000	---	---	110	0.93	120	340	<0.50	4.2	<10	<2	<2	<2
GMW-18	04/21/15	SGI	4300	---	300000	---	---	290	<5	75	270	<5	<20	<100	<20	<20	<20
GMW-18	05/10/19	TSGS	<100	---	1200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-18	05/11/20	SGI	<100	---	1600	---	---	<0.50	<0.50	0.55	1.9	<0.50	<1.2	11	<2.0	<2.0	<2.0
GMW-18	10/26/20	SGI	120	---	380	---	---	1.7	<0.50J	<0.50J	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	05/07/21	SGI	<100	---	220	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	11/27/96	GSI	3000	---	<500	<500	---	85	<2.5	23	<5	---	---	---	---	---	---
GMW-19	07/10/97	GTI	<50	---	<50	<50	---	2.5	<1	<1	<2	---	---	---	---	---	---
GMW-19	01/07/98	GTI	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	11/06/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/17/00	IT Corporation	<300	<100	---	---	---	0.47	0.45	<0.30	0.95	---	---	---	---	---	---
GMW-19	12/01/00	IT Corporation	<300	440	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	11/08/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-19	04/11/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	10/23/02	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	04/14/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-19	10/10/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	15	---	---	---	---
GMW-19	04/21/04	Blaine Tech for Parsons	---	260	---	---	---	<0.50	<1	<1	<1	---	28	---	---	---	---
GMW-19	11/04/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	05/06/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	0.69	---	<5	---	---	---	---
GMW-19	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	0.52	0.71	0.4	2	---	<5	---	---	---	---
GMW-19	05/04/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	05/03/07	Blaine Tech for Parsons	---	210	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	11/15/07	Blaine Tech for Parsons	---	<100	---	---	---	0.5	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	10/16/08	Blaine Tech for Parsons	---	---	---	---	140	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-19	04/23/09	Blaine Tech for Parsons	---	---	---	<100	---	0.7	<0.50	<0.50	<0.50	---	0.67	---	<0.50	<0.50	<0.50
GMW-19	10/20/09	Blaine Tech for DESC	---	---	---	<100	---	3.8	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
GMW-19	04/16/10	Blaine Tech for DESC	---	---	---	---	300	130	<0.50	0.66	<0.50	---	21	12	<2	<2	0.52 J
GMW-19	10/08/10	Blaine Tech for Parsons	---	---	---	---	150	2.4	---	---	---	<0.50	2.7	<10	---	---	---
GMW-19	10/10/11	Parsons	---	---	---	<100	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-19	04/18/12	Parsons	---	---	---	<100	---	3.8	<0.50	<0.50	<0.50	<0.50	0.88	<10	<2	<2	<2
GMW-19	10/15/12	Parsons	---	---	---	<100	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-19	04/10/13	Parsons	---	---	1200 b	---	---	35	0.38 J	<0.50	0.35 J	<0.50	58	22	<2	<2	<2
GMW-19	10/07/13	Parsons	<100	---	<100	---	---	0.81	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
GMW-19	04/14/14	Parsons	<100	---	<100	---	---	2.8	<0.50	<0.50	<0.50	<0.50	0.83	<10	<2	<2	<2
GMW-19	10/28/14	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-19	04/28/15	SGI	490	---	1000	---	---	90	<0.50	0.5	0.55	<0.50	20	12	<2	<2	<2
GMW-19	10/23/15	SGI	<100	---	390	---	---	9.2	<0.50	<0.50	<1	<0.50	17	<10	<2	<2	<2
GMW-19	04/21/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-19	10/03/17	TSGS	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.5	<10	<2	<2	<2
GMW-19	04/18/18	TSGS	<100	---	160	---	---	2.2	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
GMW-19	11/06/18	TSGS	220	---	180	---	---	58	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-19	04/22/19	TSGS	160	---	200	---	---	95	<0.50	<0.50	<1	<0.50	2.5	<10	<2	<2	<2
GMW-19	11/06/19	SGI	<100	---	<100	---	---	1.5	<1.0	<1.0	<2.0	<1.0	<1.2	<20	<4.0	<4.0	<4.0
GMW-19	05/06/20	SGI	<100	---	170	---	---	17	<0.50	<0.50	<1.0	<0.50	4.8	<10	<2.0	<2.0	<2.0
GMW-19	10/23/20	SGI	<100	---	140	---	---	2.3	<0.50	<0.50	<1.0	<0.50	2.3	<10	<2.0	<2.0	<2.0
GMW-19	05/06/21	SGI	150	---	420	---	---	52	<0.50	<0.50	<1.0	<0.50	4.2	<10	<2.0	<2.0	<2.0
GMW-20	11/27/96	GSI	1100	---	<500	<500	---	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---	---
GMW-20	07/10/97	GTI	160	---	1400	<1200	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-20	01/06/98	GTI	<500	---	1100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-20	05/21/98	BBC	400	---	---	---	---	<0.30	<0.50	<0.50	<0.10	<0.50	<0.50	---	---	---	---
GMW-20	11/05/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	05/27/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	05/17/00	IT Corporation	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	---	---	---	---
GMW-20	05/09/01	IT Corporation	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	04/11/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	04/24/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-20	10/20/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-20	10/05/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-20	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-21	11/03/14	SGI	1500	---	2500	---	---	11	1.6	31	170	<0.50	3.8	24	<2	<2	<2
GMW-21	04/29/15	SGI	300	---	2200	---	---	1.1	<0.50	<0.50	<1	<0.50	2.7	24	<2	<2	<2
GMW-21	04/14/16	SGI	170	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.8	<10	<2	<2	<2
GMW-21	10/10/16	SGI	130	---	2500	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.5	<10	<2	<2	<2
GMW-21	04/21/17	SGI	180	---	3300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-21	04/23/18	TSGS	<100	---	3700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	39	<2	<2	<2
GMW-21	11/12/18	TSGS	<100	---	4200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	11	<2	<2	<2
GMW-21	04/19/19	TSGS	<100	---	3000	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.5	<10	<2	<2	<2
GMW-21	11/06/19	SGI	<100	---	4600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	21	<2.0	<2.0	<2.0
GMW-21	05/11/20	SGI	<100	---	470	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	10/23/20	SGI	<100	---	2600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	05/12/21	SGI	<100	---	570	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-22	10/04/10	Blaine Tech	4100	2200	---	---	---	1900	<10	55	38	<20	47	1300	50	<20	<20
GMW-22	10/14/11	CH2M Hill	28000	9000	---	---	---	13000	<100	470	200	<200	130	<2000	<200	<200	<200
GMW-22	04/20/12	CH2M Hill	46000	---	1300	---	---	20000	<100	650	130	<200	140	<2000	<200	<200	<200
GMW-22	10/18/12	CH2M Hill	32000	---	1300	---	---	16000	120	420	140	<200	180	<2000	<200	<200	<200
GMW-22	11/08/05	Blaine Tech for Parsons	---	1900	---	---	---	<0.30	0.4	<0.30	<0.30	---	<5	---	---	---	---
GMW-23	10/31/14	CH2M Hill	34000	---	53000	---	---	11000	690	260	2100	<100	<50	<1000	<100	<100	<100
GMW-23	04/23/15	CH2M Hill	37000	---	240000	---	---	2100	870	490	5600	<30	<15	360	46	<30	<30
GMW-23	03/15/16	CH2M	540	---	13000	---	---	4.6	<0.50	<0.50	2.4	<1	2.1	42	12	<1	<1
GMW-23	06/30/16	CH2M	120	---	23000	---	---	2.7	<0.50	<0.50	2.1	<0.50	0.52	<10	<1	<1	<1
GMW-23	08/23/16	CH2M	59	---	730	---	---	0.08	0.03	0.09	<0.50	0.18	0.76	42	13	0.2	<1
GMW-23	10/06/16	CH2M	130	---	6100	---	---	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	14	4.8	<1	<1
GMW-23	10/06/17	CHHL	230	---	17000	---	---	<0.50	<0.50	1.3	1.4	<0.50	<0.50	48	9.6	<1	<1
GMW-23	04/18/19	CHHL	3100	---	40000	---	---	<1	<1	9.4	27	<2	<1	770	46	<2	<2
GMW-23	11/01/19	Jacobs	130	---	47000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	320	32	<1.0	<1.0
GMW-24	04/29/11	Blaine Tech	70000	690000	---	---	---	19000	830	1700	4200	<200	530	<2000	<200	<200	<200
GMW-24	10/13/11	CH2M Hill	58000	17000	---	---	---	23000	2400	890	2600	<200	490	<2000	<200	<200	<200
GMW-25	10/08/10	Blaine Tech	15000	<49000	---	---	---	6900	<50	70	<50	<100	92	<1000	<100	<100	<100
GMW-25	04/14/11	Blaine Tech	12000	23000	---	---	---	6800	<25	<25	<25	<50	36	<500	<50	<50	<50
GMW-25	10/13/11	CH2M Hill	<20000	31000	---	---	---	9700	<100	220	<100	<200	<100	<2000	<200	<200	<200
GMW-25	06/30/16	CH2M	90	---	480	---	---	<0.50	<0.50	<0.50	3.2	<0.50	1.7	22	2.3	<1	<1
GMW-25	08/23/16	CH2M	<50	---	1300	---	---	0.09	0.08	0.11	<0.50	0.73	0.82	160	6.4	0.2	<1
GMW-25	10/06/16	CH2M	70	---	780	---	---	<0.50	<0.50	<0.50	1.1	0.88	0.5	18	1.2	<1	<1
GMW-25	04/20/17	CH2M	<500	---	3700	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-25	10/05/17	CHHL	400	---	11000	---	---	<0.50	<0.50	<0.50	<0.50	1	0.64	23	1.5	<1	<1
GMW-25	04/19/18	CHHL	950	---	14000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	11	<1	<1	<1
GMW-25	11/09/18	CHHL	81	---	4300	---	---	<0.50J	<0.50J	<0.50J	<0.50J	<0.50J	<0.50J	<10J	<1J	<1J	<1J
GMW-25	04/19/19	CHHL	170	---	4100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-25	11/01/19	Jacobs	98	---	2600	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-25	05/11/20	Jacobs	56	---	4000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-25	11/06/20	Jacobs	<50	---	420	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-25	05/05/21	Jacobs	<50	---	1100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1.0	<1.0	<1.0
GMW-26	11/27/96	Terra Services	---	---	---	---	---	46	2.7	18	8.8	110	950	---	---	---	---
GMW-26	07/10/97	Terra Services	430	---	<500	---	---	100	2.1	6.9	5.9	67	760	---	---	---	---
GMW-26	01/08/98	Terra Services	200	---	<500	---	---	23	11	5	<15	64	1200	---	---	---	---
GMW-26	05/22/98	Terra Services	500	---	---	---	---	<0.30	<0.50	<0.50	<0.10	260	460	---	---	---	---
GMW-26	11/17/98	Alton Geoscience	1810	<100	---	---	---	310	<5	8	<5	<5	3460	---	---	---	---
GMW-26	05/07/99	Alton Geoscience	2300	---	<500	---	---	490	26	70	140	<5	6100	---	---	---	---
GMW-26	11/19/99	Secor	6700	5700	---	---	---	3700	160	42	530	<25	8500	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-26	05/16/00	Secor	2000	490	---	---	---	1.9	<0.50	<0.50	<0.50	0.8	82	---	---	---	---
GMW-26	11/30/00	Secor	780	180	---	---	---	<0.50	<0.50	<0.50	<0.50	3.1	17	---	---	---	---
GMW-26	05/08/01	Secor	300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	13	390	---	---	---	---
GMW-26	11/06/01	Secor	<300	<100	---	---	---	0.7	<0.50	<0.50	<0.50	75	130	---	---	---	---
GMW-26	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	57	130	---	---	---	---
GMW-26	07/07/03	Geomatrix	---	---	---	---	---	<0.50	<1	<1	<1	1.2	61	---	---	---	---
GMW-26	04/27/04	Geomatrix	63	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	59	---	---	---	---
GMW-26	07/08/04	Geomatrix	62	290	---	---	---	<0.50	<0.50	<0.50	<0.50	17	27	---	---	---	---
GMW-26	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	1.3	<1	<1
GMW-26	10/26/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	<10	<1	<1	<1
GMW-26	03/15/16	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.2	<10	2.3	<1	<1
GMW-26	04/14/16	CH2M	<50	---	76	---	---	<0.50	<0.50	<0.50	<0.50	1.1	0.72	<10	1.4	<1	<1
GMW-26	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	0.59	<10	1.5	<1	<1
GMW-26	08/23/16	CH2M	<50	---	77	---	---	0.01	0.01	0.09	<0.50	2.4	0.65	1.3	1.9	<1	<1
GMW-26	10/06/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.3	0.64	<10	2	<1	<1
GMW-26	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.66	<0.50	<10	<1	<1	<1
GMW-26	10/05/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	12	2.6	<1	<1
GMW-26	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	2.2	<1	<1
GMW-26	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-26	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	28	7.4	<1	<1
GMW-26	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	05/11/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	11/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	05/06/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-27	05/27/98	Terra Services	2800	---	---	---	---	940	6	4	11	76	1570	---	---	---	---
GMW-27	11/17/98	Alton Geoscience	4220	4940	---	---	---	3200	<50	<50	<50	<50	530	---	---	---	---
GMW-27	05/07/99	Alton Geoscience	6300	---	<500	---	---	3600	16	11	<10	<25	720	---	---	---	---
GMW-27	11/18/99	Secor	3300	1500	---	---	---	1100	<25	<25	<25	<25	1000	---	---	---	---
GMW-27	05/16/00	Secor	5500	3600	---	---	---	2600	<25	25	34	<25	1800	---	---	---	---
GMW-27	11/30/00	Secor	4900	4100	---	---	---	2100	<25	<25	<25	<25	1600	---	---	---	---
GMW-27	05/08/01	Secor	5300	4000	---	---	---	2600	<25	<25	<25	<25	2200	---	---	---	---
GMW-27	11/06/01	Secor	4100	1500	---	---	---	1600	6.4	6.7	27.6	<0.50	1900	---	---	---	---
GMW-27	04/09/02	Secor	4900	590	---	---	---	2300	<10	15	<10	<10	1800	---	---	---	---
GMW-27	10/23/02	Secor	590	680	---	---	---	1800	13	<10	13	<10	1400	---	---	---	---
GMW-27	04/08/03	Secor	4600	640	---	---	---	2700	<15	<15	17	<30	2000	---	---	---	---
GMW-27	10/07/03	Secor	10000	890	---	---	---	4400	<20	47	120	<40	1800	---	---	---	---
GMW-27	01/27/04	Secor	8100	480	---	---	---	3600	19	29	115	<30	1500	---	---	---	---
GMW-27	04/21/04	Secor	13000	1900	---	---	---	6200	<25	51	<25	<50	2500	---	---	---	---
GMW-27	07/08/04	Geomatrix	1900	540	---	---	---	260	<2.5	<2.5	<2.5	<5	790	---	---	---	---
GMW-27	11/03/04	Secor	21000	1500	---	---	---	8800	<50	53	170	<100	700	---	---	---	---
GMW-27	05/06/05	Secor	1100	<100	---	---	---	440	<2.5	<2.5	4.3	<5	42	---	---	---	---
GMW-27	11/03/05	Secor	4100	330	---	---	---	2000	<10	<10	17	<20	250	---	---	---	---
GMW-27	05/09/06	Secor	5500	400	---	---	---	2800	<15	22	<15	<30	180	---	---	---	---
GMW-27	12/06/06	Secor	12000	740	---	---	---	6400	<50	120	<50	<100	210	---	---	---	---
GMW-27	05/02/07	Secor	13000	860	---	---	---	7400	<50	<50	<50	<100	230	---	---	---	---
GMW-27	11/13/07	Secor	11000	550	---	---	---	6000	<25	<25	<25	<50	57	---	---	---	---
GMW-27	04/18/08	Secor	380	270	---	---	---	130	<1.5	<1.5	<1.5	<3	21	---	---	---	---
GMW-27	08/14/08	Secor	1000	490	---	---	---	280	<1.5	1.5	1.6	<3	17	---	---	---	---
GMW-27	11/21/08	Stantec	3100	340	---	---	---	1100	<10	<10	<10	<20	26	---	---	---	---
GMW-27	04/20/09	Blaine Tech for AMEC GMX	100	130	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	4.2	450	10	<1	<1
GMW-27	10/22/09	Blaine Tech for Parsons	130	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.7	830	17	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-27	05/27/10	Blaine Tech	95	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	<10	10	<1	<1
GMW-27	10/07/10	Blaine Tech	130	<100	---	---	---	1.9	<0.50	<0.50	<0.50	<0.50	6.2	900	17	<1	<1
GMW-27	04/13/11	Blaine Tech	<100	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.91	480	12	<1	<1
GMW-27	10/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	300	6	<1	<1
GMW-27	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	380	6.8	<1	<1
GMW-27	10/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	300	5	<1	<1
GMW-27	04/11/13	CH2M Hill	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.57	380	7.8	<1	<1
GMW-27	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	570	9.3	<1	<1
GMW-27	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	460	6.9	<1	<1
GMW-27	10/30/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	260	6.7	<1	<1
GMW-28	05/07/99	Alton Geoscience	43000	---	<500	---	---	22000	780	1400	3000	<130	1900	---	---	---	---
GMW-28	05/17/00	Secor	19000	21000	---	---	---	9600	<50	370	160	<50	1300	---	---	---	---
GMW-28	11/28/00	Secor	26000	30000	---	---	---	13000	53	650	1139	<0.50	1600	---	---	---	---
GMW-28	05/08/01	Secor	30000	27000	---	---	---	15000	190	660	310	<5	4000	---	---	---	---
GMW-28	11/06/01	Secor	20000	19000	---	---	---	14000	51	460	241	<0.50	3200	---	---	---	---
GMW-28	04/09/02	Secor	24000	1900	---	---	---	9100	79	320	110	<50	1200	---	---	---	---
GMW-28	07/07/03	Geomatrix	---	---	---	---	---	18000	140	800	450	<50	530	---	---	---	---
GMW-28	04/28/04	Geomatrix	40000	4700	---	---	---	22000	180	1200	570	<200	280	---	---	---	---
GMW-28	07/08/04	Geomatrix	46000	5100	---	---	---	20000	120	1000	560	<200	280	---	---	---	---
GMW-28	10/31/14	CH2M Hill	330	---	170	---	---	23	<0.50	<0.50	<0.50	<1	82	38	26	<1	<1
GMW-28	04/21/15	CH2M Hill	1200	---	120	---	---	670	<5	<5	<5	<10	100	<100	25	<10	<10
GMW-28	10/26/15	CH2M	280	---	360	---	---	3.3	<0.50	<0.50	2.7	<0.50	73	20	18	<1	<1
GMW-28	03/15/16	CH2M	520	---	390	---	---	230	1.9	2.2	6.5	<3	25	<30	11	<3	<3
GMW-28	04/15/16	CH2M	600	---	89	---	---	370	<2	4.5	<2	<4	25	<40	8.6	<4	<4
GMW-28	06/30/16	CH2M	230	---	540	---	---	3.5	<0.50	1.6	7.2	<0.50	16	<10	<1	<1	<1
GMW-28	08/23/16	CH2M	88	---	490	---	---	0.43	0.02	0.2	4.7	0.04	5.1	5.8	3.4	<1	0.21
GMW-28	10/06/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	46	19	<1	<1
GMW-28	04/19/17	CH2M	<50	---	<100	---	---	0.69	<0.50	<0.50	<0.50	<0.50	4.8	32	5.2	<1	<1
GMW-28	10/05/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	110	24	<1	<1
GMW-28	04/19/18	CHHL	60	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	360	42	<1	<1
GMW-28	11/09/18	CHHL	83	---	<50	---	---	0.72	<0.50	<0.50	<0.50	<0.50	1.1	270	40	<1	2.7
GMW-28	04/18/19	CHHL	58	---	86	---	---	<0.50	<0.50	<0.50	<0.50	0.88	1.5	460	37	<1	<1
GMW-28	11/01/19	Jacobs	87	---	390	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	500	41	<1.0	<1.0
GMW-28	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	6.0	<1.0	<1.0
GMW-28	11/05/20	Jacobs	<50	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	31	2.5	<1.0	<1.0
GMW-28	02/25/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-28	05/06/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	24	1.8	<1.0	<1.0
GMW-29	11/28/00	Secor	1600	1700	---	---	---	170	97	8	300	<0.50	54	---	---	---	---
GMW-29	05/08/01	Secor	2200	950	---	---	---	1300	59	21	30	<0.50	<0.50	---	---	---	---
GMW-29	04/09/02	Secor	13000	11000	---	---	---	5400	4500	240	1120	<1	34	---	---	---	---
GMW-29	07/08/03	Geomatrix	---	---	---	---	---	4100	670	410	880	<25	<50	---	---	---	---
GMW-29	04/28/04	Geomatrix	40000	6400	---	---	---	8700	6000	910	2800	<200	<100	---	---	---	---
GMW-29	07/08/04	Geomatrix	45000	5300	---	---	---	8900	6500	900	4000	<100	<50	---	---	---	---
GMW-29	03/15/16	CH2M	74000	---	65000	---	---	260	320	540	6000	<40	<20	<400	<40	<40	<40
GMW-30	03/15/16	CH2M	9100	---	3500	---	---	1100	20	33	920	<10	<5	<100	<10	<10	<10
GMW-30	04/15/16	CH2M	14000	---	2400	---	---	3600	16	85	860	<30	<15	<300	<30	<30	<30
GMW-30	06/30/16	CH2M	1600	---	6400	---	---	34	0.88	1.5	6.7	1.4	3.4	33	8.6	<1	<1
GMW-30	08/23/16	CH2M	400	---	1400	---	---	41	0.2	0.22	3.1	0.24	2.1	60	4	0.39	0.39
GMW-30	10/07/16	CH2M	360	---	3600	---	---	24	0.6	2.6	3	1.2	2.3	27	6	<1	<1
GMW-30	10/06/17	CHHL	280	---	3500	---	---	28	<0.50	1.7	4.6	<0.50	1.2	28	4.9	<1	<1
GMW-30	04/20/18	CHHL	230	---	1300	---	---	7	<0.50	<0.50	10	<0.50	1.3	45	8.8	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-30	04/19/19	CHHL	99	---	4000	---	---	2.5	<0.50	<0.50	<0.50	<0.50	0.86	31	7.9	<1	<1
GMW-30	11/01/19	Jacobs	<50	---	1300	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	20	6.2	<1.0	<1.0
GMW-30	05/11/20	Jacobs	<100	---	1700	---	---	3.7	<0.50	<0.50	<0.50	<1.0	<0.50	<10	1.3	<1.0	<1.0
GMW-30	11/06/20	Jacobs	<50	---	1100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-31	11/27/96	GSI	1100	---	<500	<500	---	<2.5	<2.5	<2.5	<5	---	---	---	---	---	---
GMW-31	07/10/97	GTI	55	---	550	<450	---	2	<1	<1	<2	---	---	---	---	---	---
GMW-31	01/07/98	GTI	<500	---	<100	<100	---	1.6	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	11/06/98	GTI	<300	<100	---	---	---	4.8	<0.30	3.5	<0.60	---	---	---	---	---	---
GMW-31	05/27/99	GTI	<300	1020	---	---	---	<0.30	<0.30	0.52	<0.60	---	---	---	---	---	---
GMW-31	11/18/99	IT Corporation	<300	490	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	05/17/00	IT Corporation	<300	470	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	12/01/00	IT Corporation	530	680	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	05/10/01	IT Corporation	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	11/07/01	IT Corporation	<300	170	---	---	---	0.8	0.49	<0.30	<0.60	---	9.9	---	---	---	---
GMW-31	04/10/02	IT Corporation	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	10/24/02	GTI	<300	<100	---	---	---	<0.30	0.49	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	04/14/03	GTI	---	647	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-31	10/10/03	Blaine Tech for Parsons	---	200	---	---	---	0.39	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	0.64	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	05/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	0.79	0.5	2.4	---	<5	---	---	---	---
GMW-31	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	05/03/07	Blaine Tech for Parsons	---	170	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	04/18/08	Blaine Tech for Parsons	---	810	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	10/17/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-31	10/20/09	Blaine Tech for DESC	---	---	---	---	140	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<2	<2	<2
GMW-31	04/14/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	4.6 J	<2	<2	<2
GMW-31	10/08/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	6.5 J	---	---	---
GMW-31	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/10/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/08/13	Parsons	---	---	120 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<2	<2	<2
GMW-31	10/07/13	Parsons	<100	---	210 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/14/14	Parsons	<100	---	170 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/29/14	SGI	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-31	04/28/15	SGI	<100	---	340	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-31	04/20/17	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	10/05/17	TSGS	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	04/19/18	TSGS	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	11/08/18	TSGS	<100	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	04/17/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	10/29/19	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	05/06/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	10/20/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
GMW-31	05/06/21	SGI	<100	---	290	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-32	11/27/96	GSI	430	---	<500	<500	---	13	<0.50	25	<1	---	---	---	---	---	---
GMW-32	07/10/97	GTI	63	---	1800	<1600	---	1.7	<1	<1	<2	---	---	---	---	---	---
GMW-32	01/06/98	GTI	<500	---	<100	<100	---	0.4	<0.30	0.7	<0.60	---	---	---	---	---	---
GMW-32	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-32	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	0.62	<0.60	---	---	---	---	---	---
GMW-32	11/06/98	GTI	---	158	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-32	05/27/99	GTI	<300	307	---	---	---	3.1	<0.30	5	1.4	---	---	---	---	---	---
GMW-32	11/18/99	IT Corporation	<300	6500	---	---	---	4.3	<0.30	6.9	1.2	---	---	---	---	---	---
GMW-32	05/17/00	IT Corporation	500	8600	---	---	---	8	3.4	16	14	---	---	---	---	---	---
GMW-32	11/30/00	IT Corporation	330	2100	---	---	---	<0.30	<0.30	4.2	<0.60	---	<5	---	---	---	---
GMW-32	05/09/01	IT Corporation	1000	9500	---	---	---	4.7	<0.30	1.2	2.8	---	<5	---	---	---	---
GMW-32	11/07/01	IT Corporation	660	6900	---	---	---	4.2	0.63	5.7	2	---	<5	---	---	---	---
GMW-32	02/01/02	Secor	---	---	---	---	---	0.89	<0.50	0.53	0.69	<0.50	0.77	---	---	---	---
GMW-32	04/11/02	IT Corporation	<300	210	---	---	---	1.5	<0.30	7.2	<0.60	---	<5	---	---	---	---
GMW-32	10/23/02	GTI	<300	1300	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	04/09/03	GTI	---	2100	---	---	---	<1	1.18	<1	<2	---	<3	---	---	---	---
GMW-32	10/10/03	Blaine Tech for Parsons	---	530	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	04/21/04	Blaine Tech for Parsons	---	1500	---	---	---	0.52	<1	<1	<1	---	<1	---	---	---	---
GMW-32	11/04/04	Blaine Tech for Parsons	---	910	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	05/06/05	Blaine Tech for Parsons	---	700	---	---	---	0.31	0.64	<0.30	0.76	---	<5	---	---	---	---
GMW-32	11/08/05	Blaine Tech for Parsons	---	480	---	---	---	<0.30	0.41	<0.30	0.7	---	<5	---	---	---	---
GMW-32	05/04/06	Blaine Tech for Parsons	---	690	---	---	---	0.46	0.39	0.62	1.4	---	<5	---	---	---	---
GMW-32	12/08/06	Blaine Tech for Parsons	---	110	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	05/03/07	Blaine Tech for Parsons	---	190	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	11/16/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	04/17/08	Blaine Tech for Parsons	---	150	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/24/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/20/09	Blaine Tech for DESC	---	---	---	---	250	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/16/10	Blaine Tech for DESC	---	---	---	---	230	<0.50	<0.50	0.41 J	<0.50	---	<0.50	<10	<2	<2	<2
GMW-32	10/07/10	Blaine Tech for Parsons	---	---	---	---	180	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-32	04/14/11	Blaine Tech for Parsons	---	---	---	---	160	<0.50	<0.50	0.25 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/19/12	Parsons	---	---	---	---	210	<0.50	<0.50	<0.50	0.26 J	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/19/12	Parsons	---	---	---	---	1300	0.2 J	<0.50	0.14 J	0.32	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/10/13	Parsons	---	---	1300 b	---	---	<0.50	<0.50	<0.50	0.3 J	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/08/13	Parsons	<100	---	1200 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.3 J	<2	<2	<2
GMW-32	04/16/14	Parsons	440 HD	---	1500 HD	---	---	<0.50	<0.50	0.41 J	0.8	<0.50	0.67	17	<2	<2	<2
GMW-32	10/30/14	SGL	290	---	1500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	13	<2	<2	<2
GMW-33	11/21/96	GSI	<38	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	---	---	---	---	---
GMW-33	07/10/97	GTI	<50	---	700	<400	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-33	01/06/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-33	05/20/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-33	11/05/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	05/27/99	GTI	<300	122	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/18/99	IT Corporation	<300	120	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	05/17/00	IT Corporation	<300	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/30/00	IT Corporation	<300	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	05/09/01	IT Corporation	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/07/01	IT Corporation	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-33	04/11/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-34	11/18/99	IT Corporation	9500	17000	---	---	---	30	3.5	8.3	81	<0.50	24	---	---	---	---
GMW-34	05/17/00	IT Corporation	740	3700	---	---	---	<0.50	<0.50	1.5	11.4	<0.50	30	---	---	---	---
GMW-34	12/01/00	IT Corporation	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	10	---	---	---	---
GMW-34	05/10/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.3	---	---	---	---
GMW-34	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
GMW-34	04/12/02	IT Corporation	960	1500	---	---	---	240	1.4	33	81	<0.50	2.5	---	---	---	---
GMW-35	05/09/01	IT Corporation	20000	22000	---	---	---	1300	11	580	4100	<10	<10	---	---	---	---
GMW-35	04/10/03	GTI	---	15600	---	---	---	65.2	30.6	109	159	---	<3	---	---	---	---
GMW-35	10/10/03	Blaine Tech for Parsons	---	16000	---	---	---	100	<15	120	650	---	<250	---	---	---	---
GMW-35	04/21/04	Blaine Tech for Parsons	---	19000	---	---	---	110	<1	45	7.3	---	1.5	---	---	---	---
GMW-35	11/04/04	Blaine Tech for Parsons	---	18000	---	---	---	62	<3	13	28	---	<50	---	---	---	---
GMW-35	05/05/05	Blaine Tech for Parsons	---	4700	---	---	---	10	1.4	33	22	---	<10	---	---	---	---
GMW-35	11/05/05	Blaine Tech for Parsons	---	3100	---	---	---	9.1	2.2	31	17	---	<25	---	---	---	---
GMW-35	05/03/06	Blaine Tech for Parsons	---	17000	---	---	---	7.9	2.9	20	12	---	<5	---	---	---	---
GMW-35	12/08/06	Blaine Tech for Parsons	---	4800	---	---	---	14	<0.50	9	6.9	---	<5	---	---	---	---
GMW-35	05/04/07	Blaine Tech for Parsons	---	4700	---	---	---	21	0.86	1.3	5.3	---	6.1	---	---	---	---
GMW-35	11/15/07	Blaine Tech for Parsons	---	2400	---	---	---	26	<0.50	<0.50	<1	---	7.7	---	---	---	---
GMW-35	04/17/08	Blaine Tech for Parsons	---	1300	---	---	---	18	<0.50	1.8	2.5	---	<5	---	---	---	---
GMW-35	04/24/09	Blaine Tech for Parsons	---	---	---	---	520	63	<5	<5	<5	---	210	---	<5	<5	<5
GMW-35	04/16/10	Blaine Tech for DESC	---	---	---	---	1900	180	0.88 J	1.5	0.7	---	13	2200	<4	<4	<4
GMW-35R	10/09/17	TSGS	160	---	1400	---	---	9.4	<0.50	<0.50	<1	<0.50	5	770	<2	<2	<2
GMW-35R	04/23/18	TSGS	160 J	---	1100	---	---	16	<0.50	<0.50	<1	<0.50	2.9	360	<2	<2	<2
GMW-35R	11/12/18	TSGS	450	---	2100	---	---	48	<0.50	<0.50	0.67	<0.50	2.3	260	<2	<2	<2
GMW-35R	04/22/19	TSGS	190	---	1300	---	---	<2.5	<2.5	<2.5	<5	<2.5	<5	600	<10	<10	<10
GMW-35R	11/06/19	SGI	220	---	1200	---	---	11	<1.0	<1.0	<2.0	<1.0	6.3	720	<4.0	<4.0	<4.0
GMW-35R	05/11/20	SGI	1200	---	2100	---	---	120	<1.0	2.7	<2.0	<1.0	14	760	<4.0	<4.0	<4.0
GMW-35R	10/26/20	SGI	730	---	1500	---	---	20	<1.0J	<1.0J	<2.0	<1.0	8.9	730	<4.0	<4.0	<4.0
GMW-35R	05/10/21	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-36	07/10/97	Terra Services	430	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
GMW-36	01/09/98	Terra Services	4000	---	4300	---	---	22	21	6.1	100	<5	7700	---	---	---	---
GMW-36	05/20/98	Terra Services	1400	---	---	---	---	<0.30	<0.30	<10	<20	<0.50	19600	---	---	---	---
GMW-36	11/17/98	Alton Geoscience	7900	6650	---	---	---	2100	1370	70	650	<50	34800	---	---	---	---
GMW-36	05/07/99	Alton Geoscience	2800	---	<500	---	---	<10	<10	<10	<10	<25	14000	---	---	---	---
GMW-36	11/18/99	Secor	51000	22000	---	---	---	8100	5600	<250	1770	<250	47000	---	---	---	---
GMW-36	05/17/00	Secor	59000	53000	---	---	---	14000	6700	480	4100	<130	45000	---	---	---	---
GMW-36	11/30/00	Secor	110000	66000	---	---	---	20000	19000	1600	8100	<0.50	13000	---	---	---	---
GMW-36	02/06/01	Secor	75000	55000	---	---	---	18000	13000	1400	6100	<50	9100	---	---	---	---
GMW-36	05/10/01	Secor	12000	5100	---	---	---	3700	2500	420	1730	<0.50	1600	---	---	---	---
GMW-36	09/19/01	Secor	21000	37000	---	---	---	5800	3600	580	2080	<13	1000	---	---	---	---
GMW-36	11/06/01	Secor	63000	40000	---	---	---	16000	13000	1600	7700	<25	3200	---	---	---	---
GMW-36	01/30/02	Secor	130000	68000	---	---	---	21000	20000	1700	9000	<125	42000	---	---	---	---
GMW-36	04/10/02	Secor	150000	49000	---	---	---	25000	22000	1800	10000	<50	67000	---	---	---	---
GMW-36	07/30/02	IT Corporation	81000	110000	---	---	---	28000	29000	2200	11800	<50	37000	---	---	---	---
GMW-36	12/06/06	Secor	32000	10000	---	---	---	5300	4300	480	4300	<50	1600	---	---	---	---
GMW-36	03/13/07	Secor	54000	7200	---	---	---	9400	12000	1100	8200	<200	3800	---	---	---	---
GMW-36	05/05/07	Secor	69000	11000	---	---	---	9800	11000	1200	8000	<200	3900	---	---	---	---
GMW-36	08/29/07	Secor	30000	9800	---	---	---	4100	4200	420	4500	120	890	---	---	---	---
GMW-36	02/20/08	Secor	34000	9100	---	---	---	3900	6000	750	4600	<50	43	---	---	---	---
GMW-36	04/16/08	Secor	42000	11000	---	---	---	5200	8300	940	6200	<200	<100	---	---	---	---
GMW-36	10/16/08	Stantec	17000	32000	---	---	---	2100	2000	160	2300	<20	26	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-36	07/22/09	Blaine Tech	24000	15000	---	---	---	3800	5400	720	3380	<50	28	<500	<50	<50	<50
GMW-36	03/16/10	Blaine Tech for Parsons	8000	22000	---	---	---	830	1100	140	700	<10	16	690	<10	<10	<10
GMW-36	04/16/10	Blaine Tech	4200	25000	---	---	---	850	150	89	200	<5	11	3700	<5	<5	<5
GMW-36	07/13/10	Blaine Tech	500	4500	---	---	---	49	51	4.9	43	<0.50	0.91	340	<1	<1	<1
GMW-36	08/12/10	Blaine Tech	9200	2200	---	---	---	1400	1100	52	980	<10	18	1600	<10	<10	<10
GMW-36	09/20/10	Blaine Tech	3300	5200	---	---	---	130	18	36	120	<1	130	13000	<1	<1	1.6
GMW-36	10/05/10	Blaine Tech	15000	3100	---	---	---	2500	1300	390	1200	<20	30	1300	<20	<20	<20
GMW-36	11/23/10	Blaine Tech	31000	21000	---	---	---	5100	3400	890	2600	<40	51	470	<40	<40	<40
GMW-36	12/22/10	Blaine Tech	63000	73000	---	---	---	6700	9600	1700	5600	<50	28	<500	<50	<50	<50
GMW-36	01/12/11	Blaine Tech	320000	130000	---	---	---	4600	2900	1400	9200	<200	<100	<2000	<200	<200	<200
GMW-36	02/24/11	Blaine Tech	1600	3900	---	---	---	110	77	19	130	<1	2.5	2200	<1	<1	<1
GMW-36	03/23/11	Blaine Tech	3200	2900	---	---	---	360	340	28	240	<3	7.6	2400	<3	<3	<3
GMW-36	04/29/11	Blaine Tech	1500	10000	---	---	---	75	67	6.8	113	<0.50	3.3	1700	<1	<1	<1
GMW-36	05/13/11	Blaine Tech	13000	11000	---	---	---	2300	2100	93	1640	<20	43	<200	<20	<20	<20
GMW-36	06/22/11		420	1500	---	---	---	24	12	2.8	29	<0.50	110	5900	<1	<1	<1
GMW-36	07/29/11	CH2M Hill	7300	3200	---	---	---	560	570	61	990	<10	350	4600	<10	<10	<10
GMW-36	08/19/11	CH2M Hill	13000	6200	---	---	---	570	1100	250	1900	<20	260	9000	<20	<20	<20
GMW-36	09/22/11	CH2M Hill	5200	2200	---	---	---	490	240	52	470	<5	660	7400	<5	<5	17
GMW-36	10/13/11	CH2M Hill	22000	160000	---	---	---	610	490	430	2200	<20	250	3700	<20	<20	43
GMW-36	11/23/11	CH2M Hill	630	34000	---	---	---	17	<2.5	<2.5	14	<5	110	6000	<5	<5	<5
GMW-36	12/21/11	CH2M Hill	700	560	---	---	---	59	55	14	65	<0.50	2.1	340	<1	<1	<1
GMW-36	01/10/12	CH2M Hill	380	290	---	---	---	78	1.6	5.1	13	<0.50	94	4900	<1	<1	1.3
GMW-36	02/23/12	CH2M HILL	45000	14000	---	---	---	5600	8900	1700	6600	<200	<100	<2000	<200	<200	<200
GMW-36	03/28/12	CH2M HILL	220	---	400	---	---	3.5	4.1	1.2	6.3	<0.50	1.5	130	<1	<1	<1
GMW-36	04/27/12	CH2M Hill	1300	---	710	---	---	43	<0.50	2.5	35	<1	64	4200	<1	<1	1.2
GMW-36	05/25/12	CH2M HILL	280	---	440	---	---	<0.50	<0.50	<0.50	1.5	<1	14	6200	<1	<1	<1
GMW-36	06/15/12	CH2M HILL	460	---	380	---	---	17	4.1	5.5	50	<1	12	780	<1	<1	<1
GMW-36	07/11/12	CH2M Hill	5100	---	12000	---	---	<2.5	6.8	39	300	<5	<2.5	140	<5	<5	<5
GMW-36	09/26/12	CH2M Hill	14000	---	6600	---	---	35	11	<2.5	230	<5	17	100	<5	<5	<5
GMW-36	10/18/12	CH2M Hill	8800	---	12000	---	---	350	33	28	490	<5	70	100	<5	<5	<5
GMW-36	11/29/12	CH2M Hill	8400	---	6600	---	---	520	550	66	490	<10	190	<100	<10	<10	<10
GMW-36	04/12/13	CH2M Hill	560000	---	19000	---	---	7400	20000	8900	50000	<400	270	<4000	<400	<400	<400
GMW-36	10/11/13	CH2M Hill	120000	---	130000	---	---	9600	18000	3400	18000	<200	380	<2000	<200	<200	<200
GMW-36	10/28/15	CH2M	19000	---	16000	---	---	2300	82	500	2700	<20	1500	710	<20	<20	<20
GMW-36	04/14/16	CH2M	16000	---	13000	---	---	660	<10	170	1700	<20	540	1400	<20	<20	<20
GMW-36	04/19/17	CH2M	6900	---	4000	---	---	1500	<10	140	<10	<0.50	1900	7800	<20	<20	36
GMW-36	10/05/17	CHHL	630	---	340	---	---	48	1.3	25	14	1.8	27	2500 *	<1	<1	1.8
GMW-36	04/20/18	CHHL	68	---	95	---	---	1.8	<0.50	0.51	4.9	<0.50	<0.50	210	<1	<1	<1
GMW-36	11/08/18	CHHL	160	---	2100	---	---	0.64	<0.50	<0.50	<0.50	<0.50	1.6	3000	<1	<1	<1
GMW-36	04/23/19	CHHL	560	---	18000	---	---	26	<2.5	<2.5	<2.5	<5	9.7	2200	<5	<5	<5
GMW-36	05/08/20	Jacobs	<200	---	1000	---	---	3.8	<1.0	<1.0	<1.0	<2.0	6.3	8,300	<2.0	<2.0	<2.0
GMW-36	02/25/21	Jacobs	160	---	320	---	---	<0.50	<0.50	<0.50	3.7	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-36	05/06/21	Jacobs	<50	---	100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	25	<1.0	<1.0	<1.0
GMW-37	11/25/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-37	07/11/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-37	01/06/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-37	05/26/98	Terra Services	<300	---	---	---	---	<0.30	<0.30	<0.50	0.6	<0.50	<0.50	---	---	---	---
GMW-37	11/11/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	11	---	---	---	---
GMW-37	05/07/99	Alton Geoscience	<500	---	<500	---	---	1.1	4.5	<0.50	1.9	<1	14	---	---	---	---
GMW-37	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
GMW-37	05/17/00	Secor	<300	760	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-37	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	34	---	---	---	---
GMW-37	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	54	---	---	---	---
GMW-37	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	11	---	---	---	---
GMW-37	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	49	---	---	---	---
GMW-37	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	---	---	---	---
GMW-37	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.2	---	---	---	---
GMW-37	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	49	---	---	---	---
GMW-37	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	---	---	---	---
GMW-37	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.86	---	---	---	---
GMW-37	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.3	---	---	---	---
GMW-37	01/27/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	---	---	---	---
GMW-37	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	08/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	09/18/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	10/14/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-37	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/19/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	11/09/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	05/08/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-37	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	05/04/21	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	<0.50	0.83	<0.50	<5	---	---	---	---
GMW-38	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-38	05/21/98	Terra Services	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	1.2	---	---	---	---
GMW-38	11/12/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	25	---	---	---	---
GMW-38	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	1.5	<0.50	<0.50	<1	7.9	---	---	---	---
GMW-38	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-38	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-38	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	---	---	---	---
GMW-38	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-38	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	10/23/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	---	---	---	---
GMW-38	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	01/28/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	---	---	---	---
GMW-38	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
GMW-38	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	---	---	---	---
GMW-38	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	09/18/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	08/30/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	11/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-38	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<10	<1	<1	<1
GMW-38	07/21/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	27	<1	<1	<1
GMW-38	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	29	<1	<1	<1
GMW-38	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/13/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	<10	<1	<1	<1
GMW-38	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/10/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-38	01/15/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	11/21/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-39	07/10/97	Terra Services	<100	---	<500	---	---	<0.50	0.5	<0.50	<1	<0.50	<5	---	---	---	---
GMW-39	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-39	05/19/98	Terra Services	---	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	0.9	---	---	---	---
GMW-39	11/12/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	---	---	---	---
GMW-39	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.9	---	---	---	---
GMW-39	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	12	---	---	---	---
GMW-39	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.4	---	---	---	---
GMW-39	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
GMW-39	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	11/06/01	Secor	<300	<100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	39	---	---	---	---
GMW-39	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	36	---	---	---	---
GMW-39	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	20	---	---	---	---
GMW-39	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	89	---	---	---	---
GMW-39	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	32	---	---	---	---
GMW-39	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	23	---	---	---	---
GMW-39	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
GMW-39	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	---	---	---	---
GMW-39	01/28/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	---	---	---	---
GMW-39	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	---	---	---	---
GMW-39	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
GMW-39	11/03/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
GMW-39	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-39	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	---	---	---	---
GMW-39	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
GMW-39	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	---	---	---	---
GMW-39	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.5	---	---	---	---
GMW-39	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
GMW-39	08/29/07	Secor	<500	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	3.6	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-39	11/13/07	Secor	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.6	---	---	---	---
GMW-39	02/20/08	Secor	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
GMW-39	04/16/08	Secor	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
GMW-39	08/14/08	Secor	<100	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.1	---	---	---	---
GMW-39	10/15/08	Stantec	<500	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	5.6	---	---	---	---
GMW-39	02/24/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3400	---	---	---
GMW-39	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4000	<1	<1	<1
GMW-39	07/21/09	Blaine Tech	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	2500	<1	<1	<1
GMW-39	10/22/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	2200	<1	<1	<1
GMW-39	03/16/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	130	<1	<1	<1
GMW-39	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	07/13/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	230	<1	<1	<1
GMW-39	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	550	<1	<1	<1
GMW-39	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	68	<1	<1	<1
GMW-39	04/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	96	<1	<1	<1
GMW-39	01/10/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	58	<1	<1	<1
GMW-39	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	38	<1	<1	<1
GMW-39	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	47	<1	<1	<1
GMW-39	01/15/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	54	<1	<1	<1
GMW-39	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	420	<1	<1	<1
GMW-39	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	20	<1	<1	<1
GMW-39	10/30/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<10	<1	<1	<1
GMW-39	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	<10	<1	<1	<1
GMW-39	10/23/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	04/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1	<1	<1
GMW-39	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<1	<1	<1
GMW-39	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	370	<1.0	<1.0	<1.0
GMW-39	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-40	11/27/96	Terra Services	400	---	<500	<500	---	0.5	<0.50	5.8	5.9	<0.50	<5	---	---	---	---
GMW-40	07/10/97	GTI	210	---	2600	<300	---	---	---	---	---	---	---	---	---	---	---
GMW-40	01/07/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-40	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-40	11/05/98	GTI	<300	<100	---	---	---	<0.50	<0.50	3.8	7.6	<0.50	<0.50	---	---	---	---
GMW-40	05/26/99	GTI	<300	<100	---	---	---	0.9	<0.50	<0.50	<0.50	<0.50	4.4	---	---	---	---
GMW-40	11/18/99	IT Corporation	<300	220	---	---	---	2.8	<0.50	0.9	2.8	<0.50	9.3	---	---	---	---
GMW-40	05/17/00	IT Corporation	<300	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	11	---	---	---	---
GMW-40	12/01/00	IT Corporation	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-40	05/10/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-40	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	1.1	3.1	<0.50	19	---	---	---	---
GMW-40	04/12/02	IT Corporation	<300	<100	---	---	---	1.7	<0.50	0.7	0.9	<0.50	17	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-40	04/16/03	GTI	---	<100	---	---	---	5.17	<0.50	2.74	4.65	<0.50	54.7	---	---	---	---
GMW-40	10/08/03	Blaine Tech for Parsons	---	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	52	---	---	---	---
GMW-40	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	39	<10	<2	<2	<2
GMW-40	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	0.7	<0.50	0.76	<10	<2	<2	<2
GMW-40	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<2	<2	<2
GMW-40	05/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.9	<10	<2	<2	<2
GMW-40	12/08/06	Blaine Tech for Parsons	---	110	---	---	---	0.87	<0.50	<0.50	13.7	<0.50	15	<10	<2	<2	<2
GMW-40	05/03/07	Blaine Tech for Parsons	---	440	---	---	---	3.7	<0.50	2.2	27	<0.50	46	63	<2	<2	<2
GMW-40	11/16/07	Blaine Tech for Parsons	---	<100	---	---	---	0.61	<0.50	1.9	8.4	<0.50	<0.50	<10	<2	<2	<2
GMW-40	04/18/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/17/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<2	<2	<2
GMW-40	04/24/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/21/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.4 J	<10	<2	<2	<2
GMW-40	04/14/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-40	10/06/10	Blaine Tech	<50	<100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-40	10/08/13	Parsons	120 HD	---	460 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	04/14/14	Parsons	<100	---	240 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/29/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-40	04/22/15	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-40	10/05/16	SGI	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	11/27/96	GSI	250	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---	---
GMW-41	07/10/97	GTI	75	---	1200	<1000	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-41	01/07/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-41	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-41	11/05/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
GMW-41	05/26/99	GTI	<300	116	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/18/99	IT Corporation	<300	390	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	05/17/00	IT Corporation	<300	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/30/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-41	05/10/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	04/12/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-41	10/24/02	GTI	<300	1000	---	---	---	<0.50	<1	<1	<1	<0.50	1.1	---	---	---	---
GMW-41	04/16/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	10/08/03	Blaine Tech for Parsons	---	350	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	---	---	---	---
GMW-41	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	<10	<2	<2	<2
GMW-41	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	<10	<2	<2	<2
GMW-41	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	05/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<2	<2	<2
GMW-41	11/16/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/18/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/17/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/21/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.43 J	<10	<2	<2	<2
GMW-41	04/14/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	0.33 J	5.7 J	<2	<2	<2
GMW-41	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-41	10/06/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-41	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.4 J	<2	<2	<2
GMW-41	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5 J	<10	<2	<2	<2
GMW-41	10/28/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-41	04/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.2	<10	<2	<2	<2
GMW-41	10/05/16	SGI	<100	---	330	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	04/20/17	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	04/20/18	TSGS	<100	---	690 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	11/06/18	TSGS	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	04/17/19	TSGS	<100	---	140 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	10/31/19	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	05/06/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	10/20/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
GMW-41	05/04/21	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	11/05/98	GTI	7530	3340	---	---	---	800	<7.5	55	810	---	---	---	---	---	---
GMW-42	05/27/99	GTI	6510	14200	---	---	---	1100	110	60	580	---	---	---	---	---	---
GMW-42	11/18/99	IT Corporation	7900	17000	---	---	---	810	490	180	1200	---	---	---	---	---	---
GMW-42	05/17/00	IT Corporation	3800	20000	---	---	---	9.9	1.2	26	230	---	---	---	---	---	---
GMW-42	12/01/00	IT Corporation	380	2700	---	---	---	1	<0.30	<0.30	<0.60	---	18	---	---	---	---
GMW-42	05/10/01	IT Corporation	490	620	---	---	---	24	40	11	79	---	5.3	---	---	---	---
GMW-42	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	1.6	---	<5	---	---	---	---
GMW-42	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	7	---	---	---	---
GMW-42	10/09/13	Parsons	<100	---	120 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-42	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-42	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-42	04/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-42	04/17/17	SGI	<100	---	<100	---	---	<0.50	<0.50	1.6	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	10/03/17	TSGS	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	04/20/18	TSGS	<100	---	140 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10J	<2	<2	<2
GMW-42	04/17/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	05/06/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	10/20/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
GMW-42	05/04/21	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	11/27/96	GSI	620	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-43	07/10/97	GTI	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-43	01/07/98	GTI	<500	---	<100	<100	---	0.3	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/17/00	IT Corporation	<300	170	---	---	---	0.92	<0.30	0.45	<0.60	---	---	---	---	---	---
GMW-43	11/30/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	11/07/01	IT Corporation	<300	150	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	04/11/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	10/23/02	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-43	04/14/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-43	10/08/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	04/21/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
GMW-43	11/06/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	05/10/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	0.68	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	11/08/05	Blaine Tech for Parsons	---	200	---	---	---	<0.30	0.47	<0.30	0.31	---	<5	---	---	---	---
GMW-43	05/04/06	Blaine Tech for Parsons	---	180	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-43	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	8	---	---	---	---
GMW-43	11/15/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-43	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-43	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/23/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-43	10/21/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/15/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-43	10/08/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-43	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	19	<2	<2	<2
GMW-43	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/08/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/07/13	Parsons	<100	---	180 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-43	04/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-43	04/17/17	SGI	<100	---	550	---	---	<0.50	<0.50	0.98	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	04/18/18	TSGS	<100	---	660	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	11/06/18	TSGS	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	04/19/19	TSGS	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	10/31/19	SGI	<100	---	300	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/06/20	SGI	<100	---	190	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	10/22/20	SGI	<100	---	390 J	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/10/21	SGI	<100	---	250	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	11/27/96	GSI	820	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-44	07/10/97	GTI	68	---	1100	<1000	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-44	01/06/98	GTI	<500	---	700	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	11/18/99	IT Corporation	<300	310	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/17/00	IT Corporation	<300	240	---	---	---	<0.30	<0.30	<0.30	1.9	---	---	---	---	---	---
GMW-44	11/30/00	IT Corporation	<300	280	---	---	---	0.98	<0.30	0.95	<0.60	---	<5	---	---	---	---
GMW-44	05/09/01	IT Corporation	<300	190	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-44	11/07/01	IT Corporation	<300	270	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-44	04/11/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-44	10/23/02	GTI	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	04/14/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-44	10/08/03	Blaine Tech for Parsons	---	230	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	04/21/04	Blaine Tech for Parsons	---	160	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
GMW-44	11/04/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	05/06/05	Blaine Tech for Parsons	---	120	---	---	---	0.45	0.68	<0.30	<0.30	---	<5	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-44	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	0.39	---	<5	---	---	---	---
GMW-44	05/04/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	05/04/07	Blaine Tech for Parsons	---	160	---	---	---	<0.50	<0.50	<0.50	<1	---	8.3	---	---	---	---
GMW-44	11/15/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/23/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-44	10/21/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/15/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-44	10/08/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-44	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<2	<2	<2
GMW-44	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/08/13	Parsons	---	---	100 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/14/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-44	04/22/15	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-44	10/05/16	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/20/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	10/03/17	TSGS	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/18/18	TSGS	160	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	11/06/18	TSGS	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/19/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	05/06/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	10/20/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
GMW-44	05/04/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	11/22/96	GSI	23000	---	<500	<500	---	1100	230	580	2900	<0.50	---	---	---	---	---
GMW-45	07/09/97	GTI	1100	---	2700	<2000	---	330	<5	280	930	---	---	---	---	---	---
GMW-45	01/06/98	GTI	3200	---	3400	4700	---	286	1.3	188	543	---	---	---	---	---	---
GMW-45	05/20/98	BBC	4200	---	---	---	---	270	221	109	569	---	---	---	---	---	---
GMW-45	11/05/98	GTI	1400	<100	---	---	---	81	<0.30	40	75	---	---	---	---	---	---
GMW-45	05/27/99	GTI	3750	3890	---	---	---	420	<0.60	180	390	---	---	---	---	---	---
GMW-45	11/18/99	IT Corporation	3960	3100	---	---	---	380	<3	140	100	---	---	---	---	---	---
GMW-45	05/17/00	IT Corporation	5200	5500	---	---	---	620	8	87	37	---	---	---	---	---	---
GMW-45	11/29/00	IT Corporation	2400	3100	---	---	---	330	1.3	6	4	---	<10	---	---	---	---
GMW-45	05/09/01	IT Corporation	6500	4100	---	---	---	620	74	51	420	---	<50	---	---	---	---
GMW-45	11/07/01	IT Corporation	5700	3000	---	---	---	730	<3	8.5	19	---	<50	---	---	---	---
GMW-45	04/10/02	IT Corporation	9800	6500	---	---	---	900	21	69	240	---	240	---	---	---	---
GMW-45	10/23/02	GTI	3200	1300	---	---	---	770	5.5	120	290	---	<5	---	---	---	---
GMW-45	04/10/03	GTI	---	1570	---	---	---	344	10.8	5.56	10.1	---	<6	---	---	---	---
GMW-45	10/08/03	Blaine Tech for Parsons	---	3400	---	---	---	470	<0.60	6.5	3.7	---	<10	---	---	---	---
GMW-45	04/21/04	Blaine Tech for Parsons	---	1400	---	---	---	140	<1	2.5	<1	---	<1	---	---	---	---
GMW-45	11/04/04	Blaine Tech for Parsons	---	1500	---	---	---	84	<0.30	3	2.9	---	<5	---	---	---	---
GMW-45	05/05/05	Blaine Tech for Parsons	---	6900	---	---	---	670	17	520	720	---	<50	---	---	---	---
GMW-45	11/05/05	Blaine Tech for Parsons	---	2200	---	---	---	340	0.46	130	250	---	10	---	---	---	---
GMW-45	05/03/06	Blaine Tech for Parsons	---	2400	---	---	---	76	4.1	11	16	---	<5	---	---	---	---
GMW-45	12/05/06	Blaine Tech for Parsons	---	1200	---	---	---	67	1.9	3.6	6.4	---	<5	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-45	05/02/07	Blaine Tech for Parsons	---	1500	---	---	---	37	0.56	2	3	---	11	---	---	---	---
GMW-45	11/14/07	Blaine Tech for Parsons	---	590	---	---	---	42	<0.50	<0.50	<1	---	9.6	---	---	---	---
GMW-45	04/16/08	Blaine Tech for Parsons	---	1500	---	---	---	21	0.52	1.4	2.9	---	<5	---	---	---	---
GMW-45	10/15/08	Blaine Tech for Parsons	---	---	---	---	730	9.7	<0.50	1.9	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-45	04/21/09	Blaine Tech for Parsons	---	---	---	---	1200	11	<2	<2	<2	---	<2	---	---	---	---
GMW-45	10/21/09	Blaine Tech for DESC	---	---	---	---	1600	15	<0.50	2.2	<0.50	<0.50	<0.50	11	<2	<2	<2
GMW-45	04/12/10	Blaine Tech for DESC	---	---	---	---	1700	85	<0.50	2.6	0.28	---	<0.50	11	<2	<2	<2
GMW-45	10/07/10	Blaine Tech for Parsons	---	---	---	---	1400	53	---	---	---	<0.50	<0.50	15	---	---	---
GMW-45	04/14/11	Blaine Tech for Parsons	---	---	---	---	1400	150	<0.50	3.6	0.94	<0.50	<0.50	<10	<2	<2	<2
GMW-45	10/11/11	Parsons	---	---	---	---	1600	43	<0.33	1.8	0.29 J	<0.50	<0.50	41	<2	<2	<2
GMW-45	04/19/12	Parsons	---	---	---	---	1700	28	0.24 J	1.9	0.8 J	<0.50	<0.50	28	<2	<2	<2
GMW-45	10/17/12	Parsons	---	---	---	---	1300	44	<0.50	1.6	<0.50	<0.50	<0.50	20	<2	<2	<2
GMW-45	04/11/13	Parsons	---	---	3400 b	---	---	24	<0.50	1.4	0.59 J	<0.50	<0.50	13	<2	<2	<2
GMW-45	10/30/14	SGI	1500	---	3700	---	---	0.78	<0.50	0.52	<1	<0.50	<2	<10	<2	<2	<2
GMW-45	10/10/16	SGI	2200	---	4500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-45	05/10/19	TSGS	3500	---	25000	---	---	90	2.5	42	380	<0.50	<1	<10	<2	<2	<2
GMW-45	11/07/19	SGI	4300	---	9400	---	---	99	3.6	49	269.6	<2.5	<1.2	<50	<10	<10	<10
GMW-45	05/11/20	SGI	1500	---	2700	---	---	31	<5.0	87	140	<5.0	<12	<100	<20	<20	<20
GMW-45	10/26/20	SGI	2700	---	720	---	---	54	<2.5J	29 J	80	<2.5	<6.0	<50	<10	<10	<10
GMW-45	05/10/21	SGI	1200	---	1900	---	---	1.1	<1.0	<1.0	<2.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-47	11/27/96	GSI	9600	---	<500	<500	---	1800	<25	160	660	---	---	---	---	---	---
GMW-47	07/09/97	GTI	420	---	93	<400	---	350	<1	170	79	---	---	---	---	---	---
GMW-47	01/06/98	GTI	1900	---	<100	1800	---	438	11	75	253	<2.5	<2.5	---	---	---	---
GMW-47	05/20/98	BBC	<300	---	---	---	---	1	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-47	11/05/98	GTI	1700	<100	---	---	---	910	4.9	18	140	---	---	---	---	---	---
GMW-47	05/26/99	GTI	<300	<100	---	---	---	130	<0.30	0.33	3	---	---	---	---	---	---
GMW-47	11/18/99	IT Corporation	2100	1200	---	---	---	1100	0.77	5.8	27	---	---	---	---	---	---
GMW-47	05/17/00	IT Corporation	7200	8000	---	---	---	2300	700	200	1100	---	---	---	---	---	---
GMW-47	11/29/00	IT Corporation	990	1100	---	---	---	280	0.59	2.2	<0.60	---	<5	---	---	---	---
GMW-47	03/30/01	IT Corporation	---	<50	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-47	05/09/01	IT Corporation	7600	4100	---	---	---	1400	110	55	590	---	16	---	---	---	---
GMW-47	11/07/01	IT Corporation	1500	350	---	---	---	410	8.2	8.7	150	---	<50	---	---	---	---
GMW-47	04/10/02	IT Corporation	4100	1200	---	---	---	710	150	9.2	360	---	<25	---	---	---	---
GMW-47	10/23/02	GTI	4000	2900	---	---	---	430	<5	26	99.9	<2.5	<5	---	---	---	---
GMW-47	04/09/03	GTI	---	<100	---	---	---	1.37	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-47	09/18/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-47	10/08/03	Blaine Tech for Parsons	140	380	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-47	02/21/04	Blaine Tech for Parsons	---	---	---	<100	---	4.2	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-47	04/21/04	Blaine Tech for Parsons	160	640	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/21/04	Blaine Tech for Parsons	330	330	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-47	11/03/04	Blaine Tech for Parsons	<100	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/02/05	Blaine Tech for Parsons	170	110	---	---	---	33	<1	5.8	<1	---	<1	---	---	---	---
GMW-47	05/05/05	Blaine Tech for Parsons	420	530	---	---	---	22	<0.50	6	17.55	<0.50	<0.50	<10	<2	<2	<2
GMW-47	08/04/05	Blaine Tech for Parsons	<100	110	---	---	---	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	11/05/05	Blaine Tech for Parsons	<100	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/08/06	Blaine Tech for Parsons	<100	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	05/03/06	Blaine Tech for Parsons	<100	340	---	---	---	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/28/06	Blaine Tech for Parsons	<100	440	---	---	---	0.95	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	12/05/06	Blaine Tech for Parsons	<100	200	---	---	---	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/23/07	Blaine Tech for Parsons	<100	420	---	---	---	11	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	05/02/07	Blaine Tech for Parsons	<100	320	---	---	---	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-47	08/31/07	Blaine Tech for Parsons	<100	400	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	11/13/07	Blaine Tech for Parsons	<100	180	---	---	---	0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	02/07/08	Blaine Tech for Parsons	<100	290	---	---	---	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	04/16/08	Blaine Tech for Parsons	<100	270	---	---	---	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/29/08	Blaine Tech for Parsons	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	10/15/08	Blaine Tech for Parsons	<100	---	---	---	---	300	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	02/12/09	Blaine Tech for Parsons	170	---	---	---	---	460	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	04/20/09	Blaine Tech for Parsons	180	---	---	---	---	730	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/20/09	Blaine Tech for AMEC GMX	200	---	---	---	---	1400	<0.50	<0.50	<0.50	<0.50	<0.50	15	<2	<2	<2
GMW-47	10/19/09	Blaine Tech for DESC	170	---	---	---	---	1200	<0.50	<0.50	<0.50	<0.50	<0.50	15	<2	<2	<2
GMW-47	01/11/10	Blaine Tech for DESC	---	---	---	---	---	1300	<0.50	<0.50	<0.50	<0.50	<0.50	17	<2	<2	<2
GMW-47	04/19/10	Blaine Tech for DESC	---	---	---	---	---	930	<0.50	<0.50	<0.50	<0.50	<0.50	13	<2	<2	<2
GMW-47	10/06/10	Blaine Tech for Parsons	---	---	---	---	---	1800	0.35 J	---	---	<0.50	<0.50	16	---	---	---
GMW-47	01/11/11	Blaine Tech for Parsons	---	---	---	---	---	1600	5.2	<0.50	0.75	<0.50	<0.50	1.2	17	<2	<2
GMW-47	04/14/11	Blaine Tech for Parsons	---	---	---	---	---	1800	0.36 J	<0.50	0.27 J	<0.50	<0.50	2.6	<10	<2	<2
GMW-47	07/12/11	Parsons	---	---	---	---	---	3000	0.54	<0.50	0.58	<0.50	<0.50	3.8	32	<2	<2
GMW-47	10/11/11	Parsons	---	---	---	---	---	3900	0.55	<0.50	0.99	0.32 J	<0.50	6.1	46	<2	<2
GMW-47	01/10/12	Parsons	---	---	---	---	---	2900	0.63	<0.50	0.74	0.36 J	<0.50	7.9	110	<2	<2
GMW-47	04/20/12	Parsons	---	---	---	---	---	2300	0.52	<0.50	0.68	0.31 J	<0.50	5	310	<2	<2
GMW-47	07/10/12	Parsons	---	---	---	---	---	2600	0.15 J	<0.50	0.29 J	0.31	<0.50	6.5	250	<2	<2
GMW-47	10/17/12	Parsons	---	---	---	---	---	1400	0.46 J	<0.50	0.17 J	<0.50	<0.50	4.5	310	<2	<2
GMW-47	01/15/13	Parsons	---	---	580 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	320	<2	<2
GMW-47	04/11/13	Parsons	---	---	1500 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.4	150	<2	<2
GMW-47	10/08/13	Parsons	<100	---	990 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	490	<2	<2
GMW-47	04/16/14	Parsons	<100	---	1500 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6	280	<2	<2
GMW-47	10/29/14	SGI	<100	---	2100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	5.8	130	<2	<2
GMW-47	04/28/15	SGI	<100	---	2100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	5.9	350	<2	<2
GMW-47	10/26/15	SGI	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	4.8	31	<2	<2
GMW-47	04/14/16	SGI	<100	---	450	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	5.7	<10	<2	<2
GMW-47	10/07/16	SGI	<100	---	2000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	4.9	120	<2	<2
GMW-47	04/21/17	SGI	<100	---	860	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-47	10/04/17	TSGS	<100	---	980	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	8.6	410	<2	<2
GMW-47	04/23/18	TSGS	<100	---	890	---	---	0.61	<0.50	<0.50	<1	<0.50	<0.50	6.5	220	<2	<2
GMW-47	11/12/18	TSGS	<100	---	2400	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	2.2	24	<2	<2
GMW-47	04/22/19	TSGS	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	2.6	<10	<2	<2
GMW-47	05/10/19	TSGS	<100	---	2100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	3.2	250	<2	<2
GMW-47	11/06/19	SGI	<100	---	600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	2.0	58	<2.0	<2.0
GMW-47	05/08/20	SGI	170	---	1800	---	---	1.2	<0.50	<0.50	<1.0	<0.50	<0.50	14	1100	<2.0	<2.0
GMW-47	10/26/20	SGI	130	---	750	---	---	<0.50	<0.50J	<0.50J	<1.0	<0.50	<0.50	5.1	<10	<2.0	<2.0
GMW-47	05/10/21	SGI	140	---	790	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	1.3	<10	<2.0	<2.0
GMW-48	11/22/96	GSI	56000	---	<500	<500	---	10000	1800	1500	6900	0.8	---	---	---	---	---
GMW-48	10/09/13	Parsons	1200 HD	---	3100 HD	---	---	450	0.49 J	1.3	1.48	<0.50	0.78	32	<2	<2	<2
GMW-48	04/17/14	Parsons	1800 HD	---	1900 HD	---	---	400	<1.2	1.7	1.27	<1.2	<1.2	44	<5	<5	<5
GMW-48	10/31/14	SGI	2600	---	3100	---	---	450	<0.50	2.1	<1	<0.50	<2	21	<2	<2	<2
GMW-48	04/29/15	SGI	1000	---	2400	---	---	300	<2.5	2.5	<5	<2.5	<10	<50	<10	<10	<10
GMW-48	10/26/15	SGI	1500	---	1800	---	---	170	<2.5	18	130	<2.5	<10	<50	<10	<10	<10
GMW-48	10/11/16	SGI	470	---	1100	---	---	200	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-48	04/21/17	SGI	460	---	1500	---	---	190	<0.50	0.5	<1	<0.50	<1	<10	<2	<2	<2
GMW-48	10/09/17	TSGS	360	---	1400	---	---	190	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-48	04/23/18	TSGS	280	---	810	---	---	130	<2.5	<2.5	<5	<2.5	<5	<50	<10	<10	<10
GMW-48	11/15/18	TSGS	150	---	690	---	---	1	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-48	04/18/19	TSGS	<100	---	500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-48	10/30/19	SGI	<100	---	450	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	05/08/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	10/21/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	05/05/21	SGI	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-4R	04/18/17	CH2M	84	---	70	---	---	6.1	<0.50	2.2	1.2	<0.50	0.74	<10	<1	<1	<1
GMW-4R	10/05/17	CHHL	<50	---	70	---	---	1.3	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1	<1	<1
GMW-4R	04/19/18	CHHL	100	---	50	---	---	1.1	<0.50	1.2	0.55	<0.50	0.68	<10	<1	<1	<1
GMW-4R	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-4R	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	1.6	0.56	<0.50	<0.50	<10	<1	<1	<1
GMW-4R	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	05/08/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	11/05/20	Jacobs	<50	---	58	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-50	01/10/12	Parsons	---	---	---	---	820	48	<0.50	0.24 J	2.5	<0.50	0.47 J	9.6 J	<2	<2	<2
GMW-50	04/14/16	SGI	<100	---	440	---	---	35	<0.50	<0.50	<1	<0.50	1.3	<10	<2	<2	<2
GMW-54	04/22/15	SGI	<100	---	1800	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.3	<10	<2	<2	<2
GMW-54	04/21/17	SGI	<100	---	850	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	16	<0.60	---	---	---	---	---	---
GMW-56	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	05/17/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	11/29/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	12	---	---	---	---
GMW-56	04/10/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-56	10/08/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-56	04/21/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/04/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/05/05	Blaine Tech for Parsons	---	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/05/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/03/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/02/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/16/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	0.94	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/15/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/21/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/21/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2 J	<2	<2	<2
GMW-56	04/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/15/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/08/13	Parsons	<100	---	190 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/27/14	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-56	04/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-56	04/13/16	SGI	<100	---	<100	---	---	<0.50	<0.50	0.62	0.73	<0.50	<1	<10	<2	<2	<2
GMW-56	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	10/03/17	TSGS	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	04/17/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-56	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	04/16/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	10/21/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	05/06/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-57	11/05/98	GTI	<300	<100	---	---	---	12	0.63	4.5	0.97	---	---	---	---	---	---
GMW-57	05/26/99	GTI	379	<100	---	---	---	150	15	12	55	---	---	---	---	---	---
GMW-57	11/18/99	IT Corporation	4000	3600	---	---	---	950	240	150	750	---	---	---	---	---	---
GMW-57	05/17/00	IT Corporation	17000	<100	---	---	---	3200	2200	750	4300	---	---	---	---	---	---
GMW-57	11/29/00	IT Corporation	11000	7100	---	---	---	2300	21	340	1800	---	<100	---	---	---	---
GMW-57	03/30/01	IT Corporation	---	1800	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-57	05/09/01	IT Corporation	28000	12000	---	---	---	3300	3100	690	3600	---	<50	---	---	---	---
GMW-57	11/07/01	IT Corporation	19000	11000	---	---	---	3900	1600	390	3400	---	<500	---	---	---	---
GMW-57	04/10/02	IT Corporation	5000	5300	---	---	---	720	150	8.2	360	<2.5	<2.5	---	---	---	---
GMW-57	10/23/02	GTI	1700	2000	---	---	---	690	<0.30	3.2	5.7	---	<5	---	---	---	---
GMW-57	04/09/03	GTI	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-57	09/18/03	Blaine Tech for Parsons	---	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-57	10/11/03	Blaine Tech for Parsons	200	650	---	---	---	47	<0.50	0.57	<0.50	<0.50	<0.50	---	---	---	---
GMW-57	02/21/04	Blaine Tech for Parsons	---	---	---	470	---	190	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-57	04/21/04	Blaine Tech for Parsons	110	710	---	---	---	21	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/21/04	Blaine Tech for Parsons	340	720	---	---	---	48	<0.50	<0.50	<0.50	---	<0.50	270	57	54	50
GMW-57	11/03/04	Blaine Tech for Parsons	120	270	---	---	---	22	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/02/05	Blaine Tech for Parsons	400	170	---	---	---	190	<1	2.5	<1	---	<1	---	---	---	---
GMW-57	05/05/05	Blaine Tech for Parsons	280	170	---	---	---	57	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	08/04/05	Blaine Tech for Parsons	170	430	---	---	---	120	<0.50	0.54	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	11/05/05	Blaine Tech for Parsons	120	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/08/06	Blaine Tech for Parsons	180	180	---	---	---	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	05/03/06	Blaine Tech for Parsons	<100	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/28/06	Blaine Tech for Parsons	180	1100	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	12/05/06	Blaine Tech for Parsons	<100	290	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/23/07	Blaine Tech for Parsons	120	540	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	05/02/07	Blaine Tech for Parsons	120	720	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	08/31/07	Blaine Tech for Parsons	110	700	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	11/13/07	Blaine Tech for Parsons	160	450	---	---	---	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	02/07/08	Blaine Tech for Parsons	150	720	---	---	---	4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/16/08	Blaine Tech for Parsons	<100	540	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/29/08	Blaine Tech for Parsons	<100	390	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/15/08	Blaine Tech for Parsons	<100	---	---	---	---	210	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	02/12/09	Blaine Tech for Parsons	<100	---	---	---	---	140	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/20/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/21/09	Blaine Tech for AMEC GMX	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/19/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.1 J	<2	<2	<2
GMW-57	01/11/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/06/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-57	01/10/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/11/11	Blaine Tech for Parsons	---	---	---	---	<100	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/11/11	Parsons	---	---	---	---	130	10	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/11/11	Parsons	---	---	---	---	<100	1.6	<0.50	<0.50	0.48 J	<0.50	<0.50	<10	<2	<2	<2
GMW-57	01/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																		
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
GMW-57	04/17/12	Parsons	---	---	---	---	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-57	07/09/12	Parsons	---	---	---	---	330	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-57	10/16/12	Parsons	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-57	01/14/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-57	04/08/13	Parsons	---	---	180 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2	
GMW-57	10/08/13	Parsons	<100	---	140 HD	---	---	0.34 J	<0.50	<0.50	0.99	<0.50	0.74	<10	<2	<2	<2	
GMW-57	04/16/14	Parsons	<100	---	340 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<2	<2	<2	
GMW-57	10/29/14	SGI	140	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2	
GMW-57	04/28/15	SGI	<100	---	310	---	---	<0.50	<0.50	<0.50	<1	<0.50	3	<10	<2	<2	<2	
GMW-57	10/22/15	SGI	<100	---	440	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2	
GMW-57	04/13/16	SGI	<100	---	400	---	---	<0.50	<0.50	<0.50	0.8	<0.50	<1	<10	<2	<2	<2	
GMW-57	10/07/16	SGI	<100	---	570	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	<10	<2	<2	<2	
GMW-57	04/20/17	SGI	<100	---	670	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2	
GMW-57	10/04/17	TSGS	<100	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.1	52	<2	<2	<2	
GMW-57	04/17/18	TSGS	<100	---	370	---	---	<0.50	<0.50	<0.50	<1	<0.50	4.8	72	<2	<2	<2	
GMW-57	11/09/18	TSGS	<100	---	730	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-57	04/18/19	TSGS	<100	---	370	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.2	69	<2	<2	<2	
GMW-57	10/30/19	SGI	<100	---	460	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	4.8	87	<2.0	<2.0	<2.0	
GMW-57	05/08/20	SGI	160	---	170	---	---	2.3	4.3	9.3	17.7	<0.50	<1.2	32	<2.0	<2.0	<2.0	
GMW-57	10/23/20	SGI	<100	---	320	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	15	<2.0	<2.0	<2.0	
GMW-57	05/10/21	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-58	11/04/98	GTI	2590	1700	---	---	---	200	210	67	280	---	---	---	---	---	---	
GMW-58	05/26/99	GTI	1360	451	---	---	---	310	62	42	170	---	---	---	---	---	---	
GMW-58	11/18/99	IT Corporation	1600	1900	---	---	---	82	26	20	100	---	---	---	---	---	---	
GMW-58	05/17/00	IT Corporation	21000	36000	---	---	---	3500	5900	730	3900	---	---	---	---	---	---	
GMW-58	03/02/05	Blaine Tech for Parsons	5800	22000	---	---	---	1700	<20	250	400	---	<20	---	---	---	---	
GMW-58	05/05/05	Blaine Tech for Parsons	12000	36000	---	---	---	410	<2.5	13	600	<2.5	<2.5	<50	<10	<10	<10	
GMW-58	08/04/05	Blaine Tech for Parsons	5800	24000	---	---	---	500	<2.5	56	124	<2.5	<2.5	<50	<10	<10	<10	
GMW-58	11/05/05	Blaine Tech for Parsons	6300	9700	---	---	---	560	<2.5	380	196	<2.5	<2.5	<50	<10	<10	<10	
GMW-58	03/08/06	Blaine Tech for Parsons	5300	34000	---	---	---	250	<2.5	140	21.1	<2.5	<2.5	<50	<10	<10	<10	
GMW-58	05/03/06	Blaine Tech for Parsons	2900	16000	---	---	---	260	<1	85	27.3	<1	<1	<20	<4	<4	<4	
GMW-58	07/28/06	Blaine Tech for Parsons	3200	15000	---	---	---	310	<1	78	22.7	<1	<1	<20	<4	<4	<4	
GMW-58	03/23/07	Blaine Tech for Parsons	1700	4100	---	---	---	350	<1	5.9	<1	<1	<1	<20	<4	<4	<4	
GMW-58	05/02/07	Blaine Tech for Parsons	2200	2500	---	---	---	320	<1	9.5	<1	<1	<1	<20	<4	<4	<4	
GMW-58	08/31/07	Blaine Tech for Parsons	3000	2400	---	---	---	240	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10	
GMW-58	11/13/07	Blaine Tech for Parsons	2000	720	---	---	---	240	<1	7.4	<1	<1	<1	<20	<4	<4	<4	
GMW-58	02/07/08	Blaine Tech for Parsons	1100	5000	---	---	---	270	<1	1.8	<1	<1	<1	<20	<4	<4	<4	
GMW-58	04/16/08	Blaine Tech for Parsons	1100	720	---	---	---	310	<2.5	<2.5	<2.5	8.4	<2.5	<50	<10	<10	<10	
GMW-58	07/29/08	Blaine Tech for Parsons	870	750	---	---	---	45	<0.50	<0.50	<0.50	<0.50	0.77	<10	<2	<2	<2	
GMW-58	10/15/08	Blaine Tech for Parsons	1200	---	---	---	---	840	62	<0.50	0.67	0.62	<0.50	<0.50	<10	<2	<2	<2
GMW-58	02/12/09	Blaine Tech for Parsons	1000	---	---	---	---	2200	36	<0.50	0.85	<0.50	<0.50	0.55	<10	<2	<2	<2
GMW-58	04/20/09	Blaine Tech for Parsons	130	---	---	---	---	230	<0.50	<0.50	<0.50	<0.50	13	<10	<2	<2	<2	
GMW-58	07/20/09	Blaine Tech for AMEC GMX	100	---	---	---	---	300	1.2	<0.50	<0.50	<0.50	6.4	<10	<2	<2	<2	
GMW-58	10/19/09	Blaine Tech for DESC	1000	---	---	---	---	2200	9.5	<0.50	0.24 J	<0.50	<0.50	1.5	6 J	<2	<2	<2
GMW-58	01/11/10	Blaine Tech for DESC	---	---	---	---	---	190	9.7	<0.50	<0.50	<0.50	1.7	3.8 J	<2	<2	<2	
GMW-58	04/19/10	Blaine Tech for DESC	---	---	---	---	---	300	12	<0.50	<0.50	<0.50	0.81	5.7 J	<2	<2	<2	
GMW-58	10/06/10	Blaine Tech for Parsons	---	---	---	---	---	170	8.6	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-58	01/10/11	Blaine Tech for Parsons	---	---	---	---	---	410	5.8	<0.50	<0.50	<0.50	0.46 J	<10	<2	<2	<2	
GMW-58	04/13/11	Blaine Tech for Parsons	---	---	---	---	---	1300	94	<0.50	0.35 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-58	07/11/11	Parsons	---	---	---	---	---	220	31	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-58	10/11/11	Parsons	---	---	---	---	---	350	27	<0.50	<0.50	<0.50	0.65	<10	<2	<2	<2	

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-58	04/18/12	Parsons	---	---	---	---	710	28	<0.50	0.18 J	0.48 J	0.82	0.54	<10	<2	<2	<2
GMW-58	07/10/12	Parsons	---	---	---	---	890	27	<0.50	<0.50	<0.50	<0.50	0.46 J	18	<2	<2	<2
GMW-58	10/17/12	Parsons	---	---	---	---	790	18	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-58	01/15/13	Parsons	---	---	420 b	---	---	8.7	<0.50	<0.50	0.32	<0.50	<0.50	17	<2	<2	<2
GMW-58	04/10/13	Parsons	---	---	1600 b	---	---	6.7	<0.50	<0.50	<0.50	<0.50	0.46 J	25	<2	<2	<2
GMW-58	10/08/13	Parsons	460 HD	---	1200 HD	---	---	4.7	<0.50	<0.50	<0.50	<0.50	0.43 J	15	<2	<2	<2
GMW-58	04/16/14	Parsons	600 HD	---	920 HD	---	---	12	<0.50	0.24 J	<0.50	<0.50	0.64	17	<2	<2	<2
GMW-58	10/29/14	SGI	280	---	340	---	---	37	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-58	04/28/15	SGI	<100	---	410	---	---	1.1	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-58	04/15/16	SGI	<100	---	290	---	---	1.3	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-58	04/20/17	SGI	150	---	1400	---	---	1.6	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-58	10/09/17	TSGS	<100	---	960	---	---	21	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-58	11/07/19	SGI	390	---	1400	---	---	19	<0.50	0.73	3.28	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	05/11/20	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	10/22/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	05/05/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	11/04/98	GTI	9880	12400	---	---	---	950	600	210	620	---	---	---	---	---	---
GMW-59	11/29/00	IT Corporation	67000	21000	---	---	---	3500	900	750	3600	---	<130	---	---	---	---
GMW-59	04/10/03	GTI	---	29600	---	---	---	261	4.8	18.4	110	---	<3	---	---	---	---
GMW-59	10/08/03	Blaine Tech for Parsons	---	4900	---	---	---	760	<3	65	450	---	<50	---	---	---	---
GMW-59	04/21/04	Blaine Tech for Parsons	---	5000	---	---	---	590	<1	100	275.6	---	380	---	---	---	---
GMW-59	11/03/04	Blaine Tech for Parsons	---	4000	---	---	---	95	<0.60	15	18	---	<10	---	---	---	---
GMW-59	03/02/05	Blaine Tech for Parsons	4200	23000	---	---	---	400	<5	130	22	---	35	---	---	---	---
GMW-59	05/05/05	Blaine Tech for Parsons	11000	9400	---	---	---	170	<0.50	60	7.8	<0.50	11	<10	<2	<2	<2
GMW-59	08/04/05	Blaine Tech for Parsons	6400	17000	---	---	---	140	<1	56	6.6	<1	<1	<20	<4	<4	<4
GMW-59	11/05/05	Blaine Tech for Parsons	9500	26000	---	---	---	270	<0.50	26	2.2	<0.50	<0.50	<10	<2	<2	<2
GMW-59	03/08/06	Blaine Tech for Parsons	4600	13000	---	---	---	260	<1	7.4	<1	<1	<1	<20	<4	<4	<4
GMW-59	05/03/06	Blaine Tech for Parsons	9900	9300	---	---	---	210	<1	4	<1	<1	<1	<20	<4	<4	<4
GMW-59	07/28/06	Blaine Tech for Parsons	3200	37000	---	---	---	540	<1	3.1	<1	<1	4.8	<20	<4	<4	<4
GMW-59	12/05/06	Blaine Tech for Parsons	---	9000	---	---	---	800	4.3	5.2	11	---	<10	---	---	---	---
GMW-59	03/23/07	Blaine Tech for Parsons	8200	15000	---	---	---	840	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	05/02/07	Blaine Tech for Parsons	4800	7400	---	---	---	1100	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	08/31/07	Blaine Tech for Parsons	4800	3500	---	---	---	720	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	11/13/07	Blaine Tech for Parsons	4700	2200	---	---	---	660	<5	<5	<5	<5	<5	<100	<20	<20	<20
GMW-59	02/07/08	Blaine Tech for Parsons	3200	3900	---	---	---	490	<2.5	3.8	<2.5	<2.5	2.7	<50	<10	<10	<10
GMW-59	04/16/08	Blaine Tech for Parsons	3600	2100	---	---	---	580	<2.5	3.5	<2.5	15	3.7	<50	<10	<10	<10
GMW-59	07/29/08	Blaine Tech for Parsons	2300	2900	---	---	---	580	<2.5	<2.5	<2.5	<2.5	3.3	<50	<10	<10	<10
GMW-59	10/15/08	Blaine Tech for Parsons	2500	---	---	---	2400	830	<2.5	<2.5	<2.5	<2.5	5.5	<50	<10	<10	<10
GMW-59	02/12/09	Blaine Tech for Parsons	2500	---	---	---	2600	650	<2.5	<2.5	<2.5	<2.5	3.2	<50	<10	<10	<10
GMW-59	04/20/09	Blaine Tech for Parsons	8500	---	---	---	19000	610	<2.5	<2.5	<2.5	<2.5	2.7	<50	<10	<10	<10
GMW-59	07/20/09	Blaine Tech for AMEC GMX	6700	---	---	---	11000	520	<2.5	<2.5	<2.5	<2.5	3.5	<50	<10	<10	<10
GMW-59	10/21/09	Blaine Tech for DESC	2600	---	---	---	3000	1700	<2.5	1.4 J	<2.5	<2.5	16	18 J	<10	<10	<10
GMW-59	01/11/10	Blaine Tech for DESC	---	---	---	---	1900	2200	<10	<10	<10	<10	17	<200	<40	<40	<40
GMW-59	04/19/10	Blaine Tech for DESC	2900	---	---	---	1700	570	<0.50	1.9	<0.50	<0.50	2.3	11	<2	<2	<2
GMW-59	10/06/10	Blaine Tech for Parsons	850	---	---	---	1500	87	---	---	---	<0.50	3.5	17	---	---	---
GMW-59	01/11/11	Blaine Tech for Parsons	2500	---	---	---	4100	1100	<0.50	1.1	<0.50	<0.50	8.8	23	<2	<2	<2
GMW-59	04/14/11	Blaine Tech for Parsons	10000	---	---	---	3800	130	<0.50	0.85	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-59	07/12/11	Parsons	1400	---	---	---	1700	14	<0.50	0.43 J	<0.50	<0.50	<0.50	8 J	<2	<2	<2
GMW-59	10/11/11	Parsons	<1800	---	---	---	2500	130	<0.24	0.78	<0.50	<0.50	2.1	13	<2	<2	<2
GMW-59	01/10/12	Parsons	2800	---	---	---	2600	340	0.24 J	0.54	<0.50	<0.50	5.2	16	<2	<2	<2
GMW-59	04/20/12	Parsons	3100	---	---	---	3800	870	0.27 J	0.85	0.24 J	<0.50	8.4	36	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-59	07/10/12	Parsons	---	---	---	---	6300	1100	<5	1.5 J	<5	<5	9.7	<100	<20	<20	<20
GMW-59	10/19/12	Parsons	3400 bD	---	---	---	4800	1000	<5	1.8 J	<5	<5	7.8	<100	<20	<20	<20
GMW-59	01/15/13	Parsons	2400	---	1500 b	---	---	670	<2.5	1.6 J	<2.5	<2.5	7.4	<50	<10	<10	<10
GMW-59	04/12/13	Parsons	2500 bD	---	8200	---	---	680	<2.5	2.2 J	<2.5	<2.5	6.6	<50	<10	<10	<10
GMW-59	10/09/13	Parsons	1400 HD	---	3100 HD	---	---	240	<0.50	0.76	0.3	<0.50	5.1	<10	<2	<2	<2
GMW-59	04/18/14	Parsons	5600 HD	---	7700 HD	---	---	170	<0.50	1.5	0.99	<0.50	3.5	14	<2	<2	<2
GMW-59	11/03/14	SGI	1500	---	2000	---	---	300	<0.50	0.93	<1	<0.50	<2	<10	<2	<2	<2
GMW-59	04/29/15	SGI	910	---	1600	---	---	150	<2.5	<2.5	<5	<2.5	<10	<50	<10	<10	<10
GMW-59	10/26/15	SGI	3000	---	2600	---	---	180	<5	34	240	<5	<20	<100	<20	<20	<20
GMW-59	04/14/16	SGI	640	---	3300	---	---	87	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2
GMW-59	10/11/16	SGI	470	---	1800	---	---	110	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-59	04/21/17	SGI	400	---	1300	---	---	130	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-59	10/09/17	TSGS	210	---	960	---	---	17	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-59	04/23/18	TSGS	<100	---	770	---	---	0.81	<0.50	<0.50	0.5	<0.50	<1	<10	<2	<2	<2
GMW-59	11/09/18	TSGS	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-59	04/18/19	TSGS	<100	---	340	---	---	1	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-59	10/30/19	SGI	<100	---	480	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	05/08/20	SGI	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	10/22/20	SGI	<100	---	260	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	05/10/21	SGI	<100	---	450	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	07/21/04	Blaine Tech for Parsons	15000	5300	---	---	---	1700	160	710	2050	---	<0.50	---	---	---	---
GMW-60	11/03/04	Blaine Tech for Parsons	12000	3500	---	---	---	1700	70	900	1780	<5	<5	<100	<20	<20	<20
GMW-60	03/02/05	Blaine Tech for Parsons	8300	4900	---	---	---	1300	<20	860	2040	---	<20	---	---	---	---
GMW-60	05/05/05	Blaine Tech for Parsons	9400	4600	---	---	---	1100	<5	790	1740	<5	<5	<100	<20	<20	<20
GMW-60	08/04/05	Blaine Tech for Parsons	6200	5600	---	---	---	1000	<5	680	1070	<5	<5	<100	<20	<20	<20
GMW-60	11/05/05	Blaine Tech for Parsons	7200	4400	---	---	---	970	<5	710	1130	<5	<5	<100	<20	<20	<20
GMW-60	03/08/06	Blaine Tech for Parsons	5900	5200	---	---	---	680	<5	640	800	<5	<5	<100	<20	<20	<20
GMW-60	05/03/06	Blaine Tech for Parsons	3900	2200	---	---	---	770	<5	230	235	<5	<5	<100	<20	<20	<20
GMW-60	07/28/06	Blaine Tech for Parsons	4600	4900	---	---	---	850	<5	170	102	<5	<5	<100	<20	<20	<20
GMW-60	12/05/06	Blaine Tech for Parsons	4100	920	---	---	---	660	<5	130	92	<5	<5	<100	<20	<20	<20
GMW-60	03/23/07	Blaine Tech for Parsons	3500	1700	---	---	---	490	<2.5	87	80	<2.5	<2.5	<50	<10	<10	<10
GMW-60	05/02/07	Blaine Tech for Parsons	2800	630	---	---	---	300	<2.5	18	23	<2.5	<2.5	<50	<10	<10	<10
GMW-60	08/31/07	Blaine Tech for Parsons	2000	660	---	---	---	250	<2.5	18	5.9	<2.5	<2.5	<50	<10	<10	<10
GMW-60	11/13/07	Blaine Tech for Parsons	1500	<100	---	---	---	180	<0.50	21	4.3	<0.50	<0.50	<10	<2	<2	<2
GMW-60	02/07/08	Blaine Tech for Parsons	1700	290	---	---	---	270	0.8	65	47.9	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/16/08	Blaine Tech for Parsons	1400	920	---	---	---	160	<1	24	<1	<1	<1	<20	<4	<4	<4
GMW-60	07/29/08	Blaine Tech for Parsons	2000	610	---	---	---	240	<1	3.9	<1	<1	<1	<20	<4	<4	<4
GMW-60	10/15/08	Blaine Tech for Parsons	1400	---	---	---	270	220	<1	2.7	<1	<1	<1	<20	<4	<4	<4
GMW-60	02/12/09	Blaine Tech for Parsons	1600	---	---	---	490	200	<1	2.5	<1	<1	<1	<20	<4	<4	<4
GMW-60	04/20/09	Blaine Tech for Parsons	3500	---	---	---	1100	800	<5	7.9	<5	<5	<5	<100	<20	<20	<20
GMW-60	07/20/09	Blaine Tech for AMEC GMX	3200	---	---	---	1700	940	<5	11	<5	<5	<5	<100	<20	<20	<20
GMW-60	10/19/09	Blaine Tech for DESC	2600	---	---	---	930	800	<5	8.8	<5	<5	<5	<100	<20	<20	<20
GMW-60	01/11/10	Blaine Tech for DESC	---	---	---	---	<100	940	<5	12	<5	<5	<1	<100	<20	<20	<20
GMW-60	04/13/10	Blaine Tech for DESC	1900	---	---	---	1300	580	<0.50	8.7	0.26	<0.50	<0.50	<10	<2	<2	<2
GMW-60	10/06/10	Blaine Tech for Parsons	560	---	---	---	1900	770	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-60	01/11/11	Blaine Tech for Parsons	3200	---	---	---	2100	870	<0.50	12	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/15/11	Blaine Tech for Parsons	2100	---	---	---	1200	590	<0.50	9.8	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	07/12/11	Parsons	2200	---	---	---	1500	560	<0.50	10	0.27 J	<0.50	<0.50	8.8 J	<2	<2	<2
GMW-60	10/11/11	Parsons	2300	---	---	---	1500	510	<0.50	9.1	0.38 J	<0.50	<0.50	<10	<2	<2	<2
GMW-60	01/10/12	Parsons	2100	---	---	---	990	210	0.3 J	7.3	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/20/12	Parsons	1200	---	---	---	1300	13	<0.50	3.1	0.36 J	<0.50	<0.50	14	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																		
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
GMW-60	07/10/12	Parsons	---	---	---	---	1200	5.1	<0.50	0.7	0.24	<0.50	<0.50	69	<2	<2	<2	
GMW-60	10/17/12	Parsons	630 b	---	---	---	1100	1.5	<0.50	0.4 J	<0.50	<0.50	<0.50	280	<2	<2	<2	
GMW-60	01/15/13	Parsons	610	---	460 b	---	---	4.3	<0.50	0.37 J	<0.50	<0.50	<0.50	620	<2	<2	<2	
GMW-60	04/11/13	Parsons	1000 b	---	3200 b	---	---	61	<0.50	1.6	0.73 J	<0.50	<0.50	460	<2	<2	<2	
GMW-60	10/09/13	Parsons	920 HD	---	2300 HD	---	---	25	<0.50	0.7	0.59	<0.50	<0.50	800	<2	<2	<2	
GMW-60	04/17/14	Parsons	650	---	2700 HD	---	---	11	<1	0.3 J	<1	<1	<1	1200	<4	<4	<4	
GMW-60	10/30/14	SGI	470	---	1500	---	---	8.6	<0.50	<0.50	<1	<0.50	<2	680	<2	<2	<2	
GMW-60	04/28/15	SGI	330	---	2000	---	---	3.1	<0.50	<0.50	<1	<0.50	<2	1600	<2	<2	<2	
GMW-60	10/26/15	SGI	<100	---	870	---	---	0.98	<0.50	<0.50	<1	<0.50	<2	43	<2	<2	<2	
GMW-60	04/13/16	SGI	110	---	100	---	---	5.1	<0.50	0.69	2.6	<0.50	<1	<10	<2	<2	<2	
GMW-60	10/07/16	SGI	<100	---	870	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-60	04/20/17	SGI	220	---	1200	---	---	26	<0.50	2.4	<1	<0.50	<1	55	<2	<2	<2	
GMW-60	10/09/17	TSGS	<100	---	430	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-60	04/17/18	TSGS	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-60	11/09/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-60	04/16/19	TSGS	<100	---	<260	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-60	10/30/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-60	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-60	10/21/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-60	05/05/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-61	07/21/04	Blaine Tech for Parsons	19000	14000	---	---	---	2400	1700	1000	4000	---	<0.50	---	---	---	---	
GMW-61	11/03/04	Blaine Tech for Parsons	23000	5700	---	---	---	2500	2200	1200	5000	<5	<5	<100	<20	<20	<20	
GMW-61	03/02/05	Blaine Tech for Parsons	20000	10000	---	---	---	2700	1900	1100	5900	---	<20	---	---	---	---	
GMW-61	05/05/05	Blaine Tech for Parsons	11000	7000	---	---	---	2000	310	840	2500	<10	<10	<200	<40	<40	<40	
GMW-61	08/04/05	Blaine Tech for Parsons	11000	12000	---	---	---	1900	740	740	3500	<10	<10	<200	<40	<40	<40	
GMW-61	11/05/05	Blaine Tech for Parsons	16000	10000	---	---	---	2600	480	1100	4900	<10	<10	<200	<40	<40	<40	
GMW-61	03/08/06	Blaine Tech for Parsons	11000	7900	---	---	---	2100	280	1000	2700	<10	<10	<200	<40	<40	<40	
GMW-61	05/03/06	Blaine Tech for Parsons	9600	7300	---	---	---	1900	89	810	2030	<10	<10	<200	<40	<40	<40	
GMW-61	07/28/06	Blaine Tech for Parsons	7200	9900	---	---	---	1400	20	460	1290	<10	<10	<200	<40	<40	<40	
GMW-61	12/05/06	Blaine Tech for Parsons	7900	4000	---	---	---	1500	19	330	2050	<5	<5	<100	<20	<20	<20	
GMW-61	03/23/07	Blaine Tech for Parsons	7500	3100	---	---	---	1200	16	220	1340	<5	<5	<100	<20	<20	<20	
GMW-61	05/02/07	Blaine Tech for Parsons	11000	3000	---	---	---	1600	27	290	2090	<5	<5	<100	<20	<20	<20	
GMW-61	08/31/07	Blaine Tech for Parsons	9200	1600	---	---	---	1500	17	190	1170	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	11/13/07	Blaine Tech for Parsons	2300	<100	---	---	---	580	6.3	99	360	<5	<5	<100	<20	<20	<20	
GMW-61	02/07/08	Blaine Tech for Parsons	2600	890	---	---	---	330	8.6	70	363	<2.5	<2.5	<50	<10	<10	<10	
GMW-61	04/16/08	Blaine Tech for Parsons	2000	1100	---	---	---	480	5	64	399	<2.5	<2.5	<50	<10	<10	<10	
GMW-61	07/29/08	Blaine Tech for Parsons	1500	790	---	---	---	400	<2.5	28	129.3	<2.5	<2.5	<50	<10	<10	<10	
GMW-61	10/15/08	Blaine Tech for Parsons	1300	---	---	---	---	500	450	<2.5	34	149.5	<2.5	<2.5	<50	<10	<10	<10
GMW-61	02/12/09	Blaine Tech for Parsons	1100	---	---	---	<100	340	<2.5	13	57	<2.5	<2.5	<50	<10	<10	<10	
GMW-61	04/20/09	Blaine Tech for Parsons	1100	---	---	---	---	550	490	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10	
GMW-61	07/20/09	Blaine Tech for AMEC GMX	760	---	---	---	---	560	350	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10	
GMW-61	10/19/09	Blaine Tech for DESC	620	---	---	---	---	410	320	<2.5	1.2 J	<2.5	<2.5	<50	<10	<10	<10	
GMW-61	01/11/10	Blaine Tech for DESC	---	---	---	---	<100	190	<1	0.99 J	<1	<1	<1	<20	<4	<4	<4	
GMW-61	04/15/10	Blaine Tech for DESC	740	---	---	---	---	500	380	<0.50	1.7	<0.50	<0.50	3.7 J	<2	<2	<2	
GMW-61	10/06/10	Blaine Tech for Parsons	1200	---	---	---	---	550	100	---	---	<0.50	<0.50	<10	---	---	---	
GMW-61	01/10/11	Blaine Tech for Parsons	800	---	---	---	---	910	190	<0.50	1.8	0.48	<0.50	<0.50	<10	<2	<2	<2
GMW-61	04/14/11	Blaine Tech for Parsons	790	---	---	---	---	700	110	<0.50	1.2	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	07/12/11	Parsons	230	---	---	---	---	240	6.4	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	10/11/11	Parsons	140	---	---	---	<100	<0.50	<0.70	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	01/10/12	Parsons	210	---	---	---	---	100	0.15 J	1.1	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	04/19/12	Parsons	190	---	---	---	---	250	9.1	0.63	0.2 J	0.33 J	<0.50	<0.50	27	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																		
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
GMW-61	07/10/12	Parsons	---	---	---	---	510	110	0.29 J	0.87	0.28	<0.50	<0.50	14	<2	<2	<2	
GMW-61	10/19/12	Parsons	1500 b	---	---	---	800	290	0.87	2.5	0.63	<0.50	<0.50	<10	<2	<2	<2	
GMW-61	01/15/13	Parsons	130	---	140 b	---	---	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	69	<2	<2	<2	
GMW-61	04/11/13	Parsons	<100	---	340 b	---	---	0.43 J	<0.50	<0.50	<0.50	<0.50	<0.50	60	<2	<2	<2	
GMW-61	10/08/13	Parsons	130 HD	---	390 HD	---	---	9.4	<0.50	<0.50	<0.50	<0.50	<0.50	210	<2	<2	<2	
GMW-61	04/17/14	Parsons	220 HD	---	190 HD	---	---	9.9	<0.50	0.18 J	0.31	<0.50	<0.50	55	<2	<2	<2	
GMW-61	10/29/14	SGI	120	---	200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	110	<2	<2	<2	
GMW-61	04/28/15	SGI	130	---	260	---	---	12	<0.50	<0.50	<1	<0.50	<2	130	<2	<2	<2	
GMW-61	04/14/16	SGI	<100	---	330	---	---	0.65	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-61	10/07/16	SGI	<100	---	390	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-61	04/20/17	SGI	140	---	1200	---	---	18	<0.50	<0.50	5.6	<0.50	<1	<10	<2	<2	<2	
GMW-61	10/09/17	TSGS	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-61	04/23/18	TSGS	<100	---	440	---	---	0.61	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-61	11/09/18	TSGS	<100	---	610	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-61	04/18/19	TSGS	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-61	11/06/19	SGI	<100	---	340	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-61	05/08/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-61	10/21/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-61	05/05/21	SGI	<100	---	21000	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-62	11/14/07	Blaine Tech for Parsons	4200	<100	---	---	---	1400	85	160	92	<5	<5	<100	<20	<20	<20	
GMW-62	02/07/08	Blaine Tech for Parsons	4100	1400	---	---	---	2100	190	450	610	<5	<5	<100	<20	<20	<20	
GMW-62	04/17/08	Blaine Tech for Parsons	1000	500	---	---	---	430	15	50	23.9	<5	<5	<100	<20	<20	<20	
GMW-62	07/29/08	Blaine Tech for Parsons	2400	1000	---	---	---	1300	33	160	109	<2.5	<2.5	<50	<10	<10	<10	
GMW-62	10/15/08	Blaine Tech for Parsons	2800	---	---	---	---	180	1700	19	220	161	<5	<5	<100	<20	<20	<20
GMW-62	02/12/09	Blaine Tech for Parsons	3600	---	---	---	---	1600	1800	5.1	150	164	<5	<5	<100	<20	<20	<20
GMW-62	04/23/09	Blaine Tech for Parsons	1500	---	---	---	---	150	370	<2.5	25	5.2	<2.5	<2.5	<50	<10	<10	<10
GMW-62	07/21/09	Blaine Tech for AMEC GMX	1800	---	---	---	---	1100	1200	<2.5	67	36	<2.5	<2.5	<50	<10	<10	<10
GMW-62	10/21/09	Blaine Tech for DESC	2200	---	---	---	---	480	1700	<2.5	43	12.9	<2.5	<2.5	<50	<10	<10	<10
GMW-62	01/12/10	Blaine Tech for DESC	---	---	---	---	---	2200	3900	<10	22	30.4	100	<1	<200	<40	<40	<40
GMW-62	04/14/10	Blaine Tech for DESC	2400	---	---	---	---	430	1600	0.6	26	45	<0.50	<0.50	<10	<2	<2	<2
GMW-62	10/05/10	Blaine Tech for Parsons	6700	---	---	---	---	3400	1200	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-62	11/05/18	TSGS	8400	---	2600	---	---	1500	<10	12	910	<10	<20	<200	<40	<40	<40	
GMW-62	04/15/19	TSGS	17000	---	3100	---	---	2700	<5	660	2100	<5	<10	<100	<20	<20	<20	
GMW-62	10/28/19	SGI	1500	---	7800	---	---	14	<1.0	<1.0	25.2	<1.0	<2.4	<20	<4.0	<4.0	<4.0	
GMW-62	05/04/20	SGI	2200	---	130000	---	---	160	<1.0	59	201	<1.0	<2.4	<20	<4.0	<4.0	<4.0	
GMW-62	10/19/20	SGI	1600	---	1000	---	---	150	<1.0	100	140	<1.0	<2.4	<20	<4.0	<4.0	<4.0	
GMW-62	05/03/21	SGI	1000	---	6200	---	---	13	<0.50	81	71	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-63	10/15/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	02/12/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	04/23/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	07/21/09	Blaine Tech for AMEC GMX	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	10/22/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	01/12/10	Blaine Tech for DESC	---	---	---	---	<100	0.39 J	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	04/14/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	10/05/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---	
GMW-63	01/10/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	07/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	01/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-63	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-63	07/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	01/14/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	12/17/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-63	04/20/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-63	10/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-63	04/11/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/03/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	04/17/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/02/17	TSGS	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/25/17	TSGS	---	---	440	---	---	---	---	---	---	---	---	---	---	---	---
GMW-63	04/16/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	04/15/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/28/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	05/04/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	10/19/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	05/03/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	10/15/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	02/12/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/23/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/21/09	Blaine Tech for AMEC GMX	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/21/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/14/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/05/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-64	01/10/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/14/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	12/17/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-64	04/20/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-64	10/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-64	04/11/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/03/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	04/17/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/02/17	TSGS	<100	---	220	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/25/17	TSGS	---	---	620	---	---	---	---	---	---	---	---	---	---	---	---
GMW-64	04/16/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-64	04/15/19	TSGS	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/28/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/04/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	10/19/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/03/21	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	10/22/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/12/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/14/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/05/10	Blaine Tech for Parsons	---	---	---	---	100	0.32 J	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-65	01/10/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/13/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	07/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	07/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/14/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/07/13	Parsons	<100	---	210 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	12/17/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-65	04/20/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-65	10/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-65	04/11/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/03/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	04/17/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/02/17	TSGS	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/25/17	TSGS	---	---	320	---	---	---	---	---	---	---	---	---	---	---	---
GMW-65	04/16/18	TSGS	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	04/15/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/28/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/04/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	10/19/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/03/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66	10/22/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/19/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/06/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-66	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/08/13	Parsons	---	---	130 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/07/13	Parsons	<100	---	150 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/15/14	Parsons	<100	---	96 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/28/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-66R	04/13/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	04/18/17	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	10/04/17	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-66R	04/17/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	11/05/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	04/16/19	TSGS	<100	---	<190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	10/21/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/05/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	10/21/15	SGI	900	---	140	---	---	71	<0.50	110	82	<0.50	<2	<10	<2	<2	<2
GMW-67	04/11/16	SGI	310	---	<100	---	---	22	<0.50	73	6.8	<0.50	<1	<10	<2	<2	<2
GMW-67	10/03/16	SGI	<100	---	<100	---	---	4.2	<0.50	0.96	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	04/17/17	SGI	<100	---	<100	---	---	2.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	10/02/17	TSGS	<100	---	520	---	---	2.6	<0.50	0.7	0.51	<0.50	<1	<10	<2	<2	<2
GMW-67	04/16/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	11/05/18	TSGS	<100	---	<100	---	---	0.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	04/15/19	TSGS	<100	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	10/28/19	SGI	150	---	<100	---	---	0.75	<0.50	3.6	1.3	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/04/20	SGI	270	---	110	---	---	2.5	<0.50	5.6	8.9	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	10/19/20	SGI	110	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/03/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-68	10/21/15	SGI	17000	---	810	---	---	2200	46	800	3700	<10	<40	<200	<40	<40	<40
GMW-68	04/11/16	SGI	15000	---	810	---	---	2300	17	1200	4700	<10	<20	<200	<40	<40	<40
GMW-69	10/21/15	SGI	2900	---	330	---	---	350	<5	400	380	<5	<20	<100	<20	<20	<20
GMW-69	04/11/16	SGI	2400	---	350	---	---	230	<2.5	390	360	<2.5	<5	<50	<10	<10	<10
GMW-69	10/03/16	SGI	1600	---	210	---	---	240	<2.5	290	190	<2.5	<5	<50	<10	<10	<10
GMW-69	04/17/17	SGI	740	---	150	---	---	84	<1	140	16	<1	<2	<20	<4	<4	<4
GMW-69	10/02/17	TSGS	2100	---	380	---	---	220	<1	210	120	<1	<2	<20	<4	<4	<4
GMW-69	10/25/17	TSGS	---	---	830	---	---	870	4.8	950	1000	<2.5	<5	<50	<10	<10	<10
GMW-69	04/16/18	TSGS	3600	---	530	---	---	370	<5	300	93	<5	<10	<100	<20	<20	<20
GMW-69	11/05/18	TSGS	1300	---	720	---	---	190	<5	<5	<10	<5	<10	<100	<20	<20	<20
GMW-69	04/15/19	TSGS	130	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-69	10/28/19	SGI	710	---	180	---	---	58	<0.50	33	22	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	05/04/20	SGI	1300	---	490	---	---	140	<0.50	5.8	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	10/19/20	SGI	930	---	300	---	---	110	<1.0	21	<2.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-69	05/03/21	SGI	530	---	280	---	---	28	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-O-1	11/21/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	0.53	<5	---	---	---	---
GMW-O-1	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	0.85	<5	---	---	---	---
GMW-O-1	01/06/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-1	05/20/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-1	08/24/98	Geomatrix	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/04/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/02/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
GMW-O-1	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
GMW-O-1	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	08/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	---	---	---	---
GMW-O-1	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/06/01	Secor	<300	<100	---	---	---	11	<0.50	0.7	0.6	0.5	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-1	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	01/29/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	---	---	---	---
GMW-O-1	08/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	09/20/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	12/08/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	03/12/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/20/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	08/13/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
GMW-O-1	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/20/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/20/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/10/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-1	03/14/16	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	08/22/16	CH2M	<50	---	100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/20/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/21/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	12	<5	---	---	---	---
GMW-O-2	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	0.5	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-2	01/07/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	13	<5	---	---	---	---
GMW-O-2	05/20/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	14	<0.50	---	---	---	---
GMW-O-2	11/11/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/05/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-2	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	---	---	---
GMW-O-2	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---
GMW-O-2	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---
GMW-O-2	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---
GMW-O-2	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/24/02	Secor	<300	460	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	01/15/03	Geomatrix	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-2	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	---	---	---
GMW-O-2	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<0.50	---	---	---
GMW-O-2	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	01/29/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5	<0.50	---	---	---
GMW-O-2	08/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	09/20/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	12/08/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	03/12/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/20/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-2	08/13/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/16/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
GMW-O-2	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/21/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/20/09	Blaine Tech for Parsons	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	03/16/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/13/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/10/11	CH2M Hill	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	03/14/16	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/20/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	11/27/96	Terra Services	---	---	---	---	---	2900	1000	1200	1950	<10	260	---	---	---	---
GMW-O-3	07/14/97	Terra Services	14000	---	1300	---	---	1500	410	700	1200	<10	<100	---	---	---	---
GMW-O-3	01/09/98	Terra Services	3200	---	720	---	---	930	55	390	599	38	<50	---	---	---	---
GMW-O-3	05/26/98	Terra Services	5400	---	---	---	---	850	20	170	140	<5	<5	---	---	---	---
GMW-O-3	08/26/98	Geomatrix	3290	1710	---	---	---	329	31	140	300	<2.5	<2.5	---	---	---	---
GMW-O-3	11/17/98	Alton Geoscience	4800	5810	---	---	---	1500	<100	350	400	<100	<100	---	---	---	---
GMW-O-3	02/03/99	Alton Geoscience	3800	---	<500	---	---	250	<2.5	34	17	<5	<2.5	---	---	---	---
GMW-O-3	05/07/99	Alton Geoscience	2900	---	<500	---	---	170	1.2	3.4	5.3	<1	<0.50	---	---	---	---
GMW-O-3	08/10/99	Alton Geoscience	<500	---	<1000	---	---	56	1.6	2.3	<1	1.2	<1	---	---	---	---
GMW-O-3	11/17/99	Secor	340	<100	---	---	---	15	0.5	1.9	1.9	<0.50	<0.50	---	---	---	---
GMW-O-3	02/29/00	Secor	<300	170	---	---	---	12	<0.50	1.2	1.1	<0.50	<0.50	---	---	---	---
GMW-O-3	05/17/00	Secor	1800	1000	---	---	---	290	32	33	180	<0.50	<0.50	---	---	---	---
GMW-O-3	08/29/00	Secor	580	3600	---	---	---	130	2.5	13	23	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-3	11/28/00	Secor	1500	820	---	---	---	350	13	43	93.1	<0.50	<0.50	---	---	---	---
GMW-O-3	02/05/01	Secor	1800	770	---	---	---	420	26	40	55	<10	<10	---	---	---	---
GMW-O-3	05/10/01	Secor	2000	560	---	---	---	380	4.5	32	42	<2.5	<2.5	---	---	---	---
GMW-O-3	09/19/01	Secor	840	360	---	---	---	230	<2.5	17	11	<2.5	<2.5	---	---	---	---
GMW-O-3	11/07/01	IT Corporation	520	<100	---	---	---	120	<2.5	7.2	6	<2.5	<2.5	---	---	---	---
GMW-O-3	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	04/09/02	Secor	1200	<100	---	---	---	260	2.6	13	9.8	<0.50	<0.50	---	---	---	---
GMW-O-3	07/30/02	IT Corporation	380	250	---	---	---	150	1.6	5.1	4.6	<0.50	<0.50	---	---	---	---
GMW-O-3	10/24/02	Secor	310	120	---	---	---	79	0.65	1.9	1.2	<0.50	<0.50	---	---	---	---
GMW-O-3	01/15/03	Geomatrix	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-3	01/28/03	Secor	550	160	---	---	---	140	3	9.1	14.2	<0.50	<0.50	---	---	---	---
GMW-O-3	04/08/03	Secor	660	200	---	---	---	170	1.6	9.2	<1	<2	<1	---	---	---	---
GMW-O-3	07/30/03	Secor	830	140	---	---	---	200	2	18	8.2	<3	<1.5	---	---	---	---
GMW-O-3	10/08/03	Secor	660	280	---	---	---	96	0.74	9.6	1.4	<1	<0.50	---	---	---	---
GMW-O-3	01/29/04	Secor	850	160	---	---	---	120	0.63	3	0.72	<1	<0.50	---	---	---	---
GMW-O-3	04/20/04	Secor	<50	130	---	---	---	65	<0.50	<0.50	0.56	<0.50	<0.50	---	---	---	---
GMW-O-3	07/20/04	Secor	370	<100	---	---	---	29	<0.50	1.4	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	11/04/04	Secor	850	190	---	---	---	71	<0.50	2.7	<0.50	<1	<0.50	---	---	---	---
GMW-O-3	02/03/05	Secor	210	<100	---	---	---	16	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	05/04/05	Secor	380	<100	---	---	---	32	0.67	2.1	4.6	<0.50	<0.50	---	---	---	---
GMW-O-3	08/03/05	Secor	1000	490	---	---	---	4.4	1.1	110	<1	<2	<1	---	---	---	---
GMW-O-3	11/01/05	Secor	1300	560	---	---	---	35	2.3	67	50	<1	<0.50	---	---	---	---
GMW-O-3	02/28/06	Secor	640	320	---	---	---	26	<0.50	7.1	6	<0.50	<0.50	---	---	---	---
GMW-O-3	05/04/06	Secor	400	250	---	---	---	19	<0.50	0.71	1.2	<0.50	<0.50	---	---	---	---
GMW-O-3	09/19/06	Secor	110	<100	---	---	---	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	12/08/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	03/13/07	Secor	51	<100	---	---	---	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	05/03/07	Secor	72	<100	---	---	---	<0.50	<0.50	0.64	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	08/28/07	Secor	65	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	11/14/07	Secor	170	<100	---	---	---	3.1	<0.50	9.7	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	02/07/08	Secor	96	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	04/15/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	08/14/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	10/16/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
GMW-O-3	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/21/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/20/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/10/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/09/12	CH2M Hill	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/15/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-3	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	03/14/16	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	08/22/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/20/17	CH2M	260	---	<50	---	---	1.3	<0.50	1.9	2.6	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/18/18	CHHL	110	---	110	---	---	<0.50	<0.50	2.6	6.3	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	11/07/18	CHHL	450	---	<50	---	---	2.2	3	25	100	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/17/19	CHHL	140	---	<50	---	---	<0.50	<0.50	2.3	6.9	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	05/06/20	Jacobs	60	---	<50	---	---	<0.50	<0.50	3.0	3.7	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	11/04/20	Jacobs	260	---	<50	---	---	<0.50	<0.50	7.1	18	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	05/04/21	Jacobs	130	---	<50	---	---	<0.50	<0.50	1.0	4.5	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	1.9	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-4	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4	05/21/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	0.7	---	---	---	---
GMW-O-4	11/12/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-4	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/15/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/15/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/20/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-4	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	03/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	08/23/16	CH2M	<50	---	<50	---	---	0.01	<0.50	0.08	<0.50	<0.50	0.12	1.9	<1	<1	<1
GMW-O-4	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/20/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4 (MID)	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	0.99	<0.50	<0.10	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	05/21/98	Terra Services	<300	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-4 (MID)	11/04/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/06/99	---	---	---	---	---	---	---	---	---	---	---	<0.50	---	---	---	---
GMW-O-4 (MID)	05/06/99	Alton Geoscience	<500	---	<500	---	---	---	---	---	---	<1	---	---	---	---	---
GMW-O-4 (MID)	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/04/05	Secor	<50	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/15/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/15/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/20/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-4 (MID)	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	11/22/96	Terra Services	---	---	---	---	---	11	5.7	9.2	32.1	<0.50	<5	---	---	---	---
GMW-O-5	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	1.9	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-5	01/07/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	15	---	---	---	---
GMW-O-5	05/21/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-5	08/24/98	Geomatrix	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/04/98	Alton Geoscience	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-5	11/04/98	Alton Geoscience	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
GMW-O-5	05/05/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-5	08/10/99	Alton Geoscience	<500	---	<1000	---	---	2.3	4.4	<1	2.9	<0.50	<1	---	---	---	---
GMW-O-5	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	08/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/24/02	Secor	<300	2300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	01/15/03	Geomatrix	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-5	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/15/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/20/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-5	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	03/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/20/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-6	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-6	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	0.9	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-6	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-6	05/21/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-6	11/04/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/05/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-6	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
GMW-O-6	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	10/24/02	Secor	<300	190	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	10/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-7	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-8	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	2.4	---	---	---	---
GMW-O-8	01/16/03	Geomatrix	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	12/08/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-8	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	10/16/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	46	<5	---	---	---	---
GMW-O-9	07/10/97	Terra Services	<100	---	<500	---	---	<0.50	3.6	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-9	01/07/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-9	05/21/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<0.60	12	<0.50	---	---	---	---
GMW-O-9	11/16/98	Alton Geoscience	<300	<100	---	---	---	3	7	1	6	5.8	<0.50	---	---	---	---
GMW-O-9	05/05/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-9	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	<0.50	---	---	---	---
GMW-O-9	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	72	<0.50	---	---	---	---
GMW-O-9	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	53	<0.50	---	---	---	---
GMW-O-9	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	87	<0.50	---	---	---	---
GMW-O-9	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	53	<0.50	---	---	---	---
GMW-O-9	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
GMW-O-9	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	<0.50	---	---	---	---
GMW-O-9	10/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
GMW-O-9	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	<0.50	---	---	---	---
GMW-O-9	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.9	<0.50	---	---	---	---
GMW-O-9	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	61	<0.50	---	---	---	---
GMW-O-9	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	<0.50	---	---	---	---
GMW-O-9	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	---	---	---	---
GMW-O-9	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	5.9	<0.50	---	---	---	---
GMW-O-9	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/20/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/05/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/16/14	CH2M Hill	<50	---	<50	---	---	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	03/15/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/13/16	CH2M	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-9	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	08/22/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/20/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	3.3	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/26/96	Terra Services	---	---	---	---	---	450	18	37	21.8	81	1300	---	---	---	---
GMW-O-10	07/14/97	Terra Services	17000	---	900	---	---	4200	2800	650	1600	<30	890	---	---	---	---
GMW-O-10	01/09/98	Terra Services	25000	---	12000	---	---	3900	2800	510	1470	<10	1200	---	---	---	---
GMW-O-10	05/27/98	Terra Services	<300	---	---	---	---	1	<0.50	<0.50	0.8	<0.50	1	---	---	---	---
GMW-O-10	11/16/98	Alton Geoscience	6840	297	---	---	---	2900	540	320	310	<13	2000	---	---	---	---
GMW-O-10	05/07/99	Alton Geoscience	<500	---	<500	---	---	6.2	<0.50	0.61	<0.50	<1	0.64	---	---	---	---
GMW-O-10	11/16/99	Secor	32000	27000	---	---	---	8300	5700	860	2640	<25	2600	---	---	---	---
GMW-O-10	05/17/00	Secor	18000	32000	---	---	---	4500	3300	450	1420	<25	1300	---	---	---	---
GMW-O-10	11/29/00	Secor	18000	10000	---	---	---	4200	2900	430	1260	<25	1400	---	---	---	---
GMW-O-10	05/10/01	Secor	7900	4600	---	---	---	2400	810	150	280	<10	950	---	---	---	---
GMW-O-10	11/07/01	IT Corporation	8100	1300	---	---	---	1200	120	<10	540	<10	1100	---	---	---	---
GMW-O-10	04/11/02	Secor	960	1000	---	---	---	190	18	5.1	157	10	610	---	---	---	---
GMW-O-10	10/24/02	Secor	2000	2500	---	---	---	270	27	<5	60	<5	290	---	---	---	---
GMW-O-10	04/10/03	Secor	13000	1900	---	---	---	3600	370	460	780	<50	520	---	---	---	---
GMW-O-10	08/01/03	Secor	5800	1600	---	---	---	2600	220	320	460	20	580	---	---	---	---
GMW-O-10	10/08/03	Secor	4900	940	---	---	---	1500	240	160	275	24	460	---	---	---	---
GMW-O-10	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-10	11/04/04	Secor	8900	1200	---	---	---	3900	85	400	409	<30	590	---	---	---	---
GMW-O-10	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-10	11/02/05	Secor	52	<100	---	---	---	19	0.5	<0.50	<0.50	1	10	---	---	---	---
GMW-O-10	05/05/06	Secor	12000	850	---	---	---	4100	1800	380	640	<50	160	---	---	---	---
GMW-O-10	12/07/06	Secor	8900	810	---	---	---	4000	470	320	310	<50	190	---	---	---	---
GMW-O-10	05/04/07	Secor	3800	260	---	---	---	1600	10	<10	120	<20	160	---	---	---	---
GMW-O-10	11/14/07	Secor	12000	600	---	---	---	5100	54	340	325	<50	190	---	---	---	---
GMW-O-10	04/18/08	Secor	1300	130	---	---	---	680	<5	14	11	<10	23	---	---	---	---
GMW-O-10	08/14/08	Secor	1600	160	---	---	---	820	5.3	31	42	<10	<5	---	---	---	---
GMW-O-10	10/21/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	---	---	---	---
GMW-O-10	04/22/09	Blaine Tech for AMEC GMX	180	<100	---	---	---	37	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
GMW-O-10	10/22/09	Blaine Tech for Parsons	99	<100	---	---	---	6.9	<0.50	<0.50	<0.50	<0.50	0.77	<10	<1	<1	<1
GMW-O-10	05/27/10	Blaine Tech	370	<100	---	---	---	77	1.2	<0.50	<0.50	<1	0.87	<10	<1	<1	<1
GMW-O-10	10/07/10	Blaine Tech	380	<100	---	---	---	42	1.2	0.51	<0.50	<0.50	0.79	<10	<1	<1	<1
GMW-O-10	04/13/11	Blaine Tech	270	140	---	---	---	39	1	<0.50	<0.50	<0.50	0.77	<10	<1	<1	<1
GMW-O-10	10/13/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/11/13	CH2M Hill	110	---	<50	---	---	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/11/13	CH2M Hill	75	---	64	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/17/14	CH2M Hill	140	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/30/14	CH2M Hill	110	---	51	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-10	04/23/15	CH2M Hill	160	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/26/15	CH2M	160	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	03/15/16	CH2M	91	---	75	---	---	16	<0.50	3.4	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/14/16	CH2M	910	---	89	---	---	430	12	16	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-O-10	06/29/16	CH2M	87	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	08/23/16	CH2M	<50	---	52	---	---	0.05	0.05	0.12	<0.50	2.6	0.19	1.3	0.18	<1	<1
GMW-O-10	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/21/17	CH2M	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/04/17	CHHL	73	---	<50	---	---	28	<0.50	<0.50	<0.50	6.3	<0.50	<10	<1	<1	<1
GMW-O-10	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	<10	<1	<1	<1
GMW-O-10	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	<10	<1	<1	<1
GMW-O-10	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7	<0.50	<10	<1	<1	<1
GMW-O-10	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	<10	1.2	<1.0	<1.0
GMW-O-10	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	05/05/21	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	10000	2100	---	---	---	4200	220	89	170	<30	160	560	32	<30	<30
GMW-O-11	08/20/20	Jacobs	<100	---	780	---	---	1.2	<0.50	<0.50	<0.50	<1.0	4.1	220	9.2	<1.0	<1.0
GMW-O-11	02/24/21	Jacobs	<100	---	9400	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	1.2	180	3.0	<1.0	<1.0
GMW-O-11	05/04/21	Jacobs	<100	---	1300	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	1.9	170	6.5	<1.0	<1.0
GMW-O-12	10/05/10	Blaine Tech	23000	<99000	---	---	---	12000	<50	<50	<50	<100	71	<1000	<100	<100	<100
GMW-O-12	04/14/11	Blaine Tech	16000	120000	---	---	---	7300	<25	<25	<25	<50	25	<500	<50	<50	<50
GMW-O-12	10/13/11	CH2M Hill	20000	390000	---	---	---	11000	<100	<100	<100	<200	<100	<2000	<200	<200	<200
GMW-O-12	04/20/12	CH2M Hill	29000	---	260000	---	---	12000	<50	<50	<50	<100	<50	<1000	<100	<100	<100
GMW-O-12	10/19/12	CH2M Hill	12000	---	120000	---	---	4700	<25	<25	<25	<50	<25	<500	<50	<50	<50
GMW-O-12	04/12/13	CH2M Hill	34000	---	160000	---	---	13000	<100	<100	<100	<200	<100	<2000	<200	<200	<200
GMW-O-12	10/11/13	CH2M Hill	30000	---	73000	---	---	13000	<63	<63	<63	<130	<63	<1300	<130	<130	<130
GMW-O-14	11/27/96	Terra Services	88000	---	74000	---	---	4500	3200	520	2600	440	<300	---	---	---	---
GMW-O-14	07/17/97	Terra Services	160000	---	610000	---	---	7600	4900	2200	43000	<500	<5000	---	---	---	---
GMW-O-14	01/09/98	Terra Services	33000	---	780000	---	---	7200	4500	510	2300	<30	<300	---	---	---	---
GMW-O-14	05/27/98	Terra Services	3500	---	---	---	---	330	<2.5	80	88	<2.5	<0.50	---	---	---	---
GMW-O-14	11/17/98	Alton Geoscience	---	117000	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-14	11/17/98	Alton Geoscience	3850	---	---	---	---	5000	3840	1040	4510	<100	<100	---	---	---	---
GMW-O-14	05/07/99	Alton Geoscience	23000	---	54000	---	---	5100	3400	650	2800	<50	<20	---	---	---	---
GMW-O-14	11/18/99	Secor	26000	23000	---	---	---	5900	4100	780	2500	<50	<50	---	---	---	---
GMW-O-14	05/17/00	Secor	10000	9300	---	---	---	2300	630	370	820	<50	<100	---	---	---	---
GMW-O-14	11/29/00	Secor	42000	59000	---	---	---	8800	5000	1200	4400	<50	<50	---	---	---	---
GMW-O-14	05/10/01	Secor	5200	17000	---	---	---	100	34	96	237	<1	<1	---	---	---	---
GMW-O-14	11/07/01	IT Corporation	15000	20000	---	---	---	3900	890	640	1280	<1	<2	---	---	---	---
GMW-O-14	04/09/02	Secor	38000	13000	---	---	---	7400	2700	990	3200	<13	24	---	---	---	---
GMW-O-14	07/30/02	IT Corporation	11000	24000	---	---	---	4900	2300	550	1890	<13	14	---	---	---	---
GMW-O-14	10/24/02	Secor	26000	29000	---	---	---	7100	3500	970	3500	<25	<25	---	---	---	---
GMW-O-14	01/28/03	Secor	39000	47000	---	---	---	12000	8400	1500	5600	<25	38	---	---	---	---
GMW-O-14	03/12/03	Geomatrix	1500	710	---	---	---	760	72	66	115	<2.5	14	---	---	---	---
GMW-O-14	04/09/03	Secor	33000	27000	---	---	---	5100	2900	990	3300	<40	<20	---	---	---	---
GMW-O-14	07/30/03	Secor	20000	12000	---	---	---	3100	1900	790	3200	74	<15	---	---	---	---
GMW-O-14	10/09/03	Secor	43000	18000	---	---	---	8700	4200	1300	5300	180	<50	---	---	---	---
GMW-O-14	01/29/04	Secor	55000	19000	---	---	---	13000	6900	1400	5600	240	<50	---	---	---	---
GMW-O-14	04/20/04	Secor	54000	32000	---	---	---	11000	5700	1500	6100	170	<50	---	---	---	---
GMW-O-14	07/20/04	Secor	72000	18000	---	---	---	13000	8200	1700	7400	200	<50	---	---	---	---
GMW-O-14	11/04/04	Secor	41000	23000	---	---	---	9000	7000	1300	5500	<200	<100	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-14	02/03/05	Secor	34000	4600	---	---	---	8600	2300	950	3100	69	34	---	---	---	---
GMW-O-14	05/04/05	Secor	420	680	---	---	---	11	1.6	18	18.8	6.5	<0.50	---	---	---	---
GMW-O-14	08/03/05	Secor	15000	11000	---	---	---	160	600	290	1840	<10	<5	---	---	---	---
GMW-O-14	11/02/05	Secor	14000	14000	---	---	---	320	350	160	2690	<40	<20	---	---	---	---
GMW-O-14	02/28/06	Secor	8200	12000	---	---	---	860	87	18	1020	15	<5	---	---	---	---
GMW-O-14	05/05/06	Secor	6700	9600	---	---	---	1500	77	<10	450	35	<10	---	---	---	---
GMW-O-14	09/20/06	Secor	6900	4200	---	---	---	1400	250	39	640	30	<10	---	---	---	---
GMW-O-14	12/07/06	Secor	9000	17000	---	---	---	1400	150	27	501	36	<10	---	---	---	---
GMW-O-14	03/12/07	Secor	4700	1300	---	---	---	1000	180	26	400	23	<5	---	---	---	---
GMW-O-14	05/04/07	Secor	8200	3300	---	---	---	1700	330	48	570	44	<10	---	---	---	---
GMW-O-14	08/28/07	Secor	12000	6200	---	---	---	75	110	200	1000	<5	<2.5	---	---	---	---
GMW-O-14	11/15/07	Secor	16000	74000	---	---	---	320	300	520	2470	<20	<10	---	---	---	---
GMW-O-14	02/20/08	Secor	35000	7700	---	---	---	7900	1900	1200	3400	<100	<50	---	---	---	---
GMW-O-14	04/15/08	Secor	26000	31000	---	---	---	4900	1800	840	2800	59	<25	---	---	---	---
GMW-O-14	08/14/08	Secor	25000	44000	---	---	---	4300	1100	730	2800	70	<25	---	---	---	---
GMW-O-14	10/16/08	Stantec	21000	12000	---	---	---	3200	940	500	3000	<30	<15	---	---	---	---
GMW-O-14	02/23/09	Blaine Tech	30000	12000	---	---	---	6100	3500	1200	3900	77	<25	<500	---	---	---
GMW-O-14	04/22/09	Blaine Tech for AMEC GMX	36000	8300	---	---	---	9300	2300	1300	3500	120	<50	<1000	170	<100	<100
GMW-O-14	07/22/09	Blaine Tech	32000	12000	---	---	---	7800	1900	1500	4100	86	<25	<500	130	<50	<50
GMW-O-14	10/23/09	Blaine Tech for Parsons	40000	21000	---	---	---	14000	1900	1500	3500	<200	<100	<2000	<200	<200	<200
GMW-O-14	03/16/10	Blaine Tech for Parsons	57000	24000	---	---	---	14000	6200	1700	4700	<200	<100	<2000	310	<200	<200
GMW-O-14	05/28/10	Blaine Tech	26000	7400	---	---	---	7900	1500	370	2180	110	<25	<500	180	<50	<50
GMW-O-14	07/14/10	Blaine Tech	22000	6700	---	---	---	7900	420	77	1500	100	<50	<1000	130	<100	<100
GMW-O-14	10/07/10	Blaine Tech	16000	3200	---	---	---	5900	200	220	680	<100	<50	<1000	<100	<100	<100
GMW-O-14	01/11/11	Blaine Tech	49000	11000	---	---	---	12000	5500	1400	2700	120	<50	<1000	190	<100	<100
GMW-O-14	04/13/11	Blaine Tech	26000	9800	---	---	---	8200	470	680	2300	<100	<50	<1000	160	<100	<100
GMW-O-14	07/12/11	CH2M Hill	12000	5500	---	---	---	3800	50	<25	1800	<50	<25	<500	<50	<50	<50
GMW-O-14	10/12/11	CH2M Hill	16000	3400	---	---	---	4000	55	<25	2500	<50	<25	<500	<50	<50	<50
GMW-O-14	01/09/12	CH2M Hill	38000	11000	---	---	---	9000	2200	1200	4300	<200	<100	<2000	<200	<200	<200
GMW-O-14	04/20/12	CH2M Hill	47000	---	2500	---	---	11000	1100	1500	5000	<100	<50	<1000	170	<100	<100
GMW-O-14	07/10/12	CH2M Hill	48000	---	390	---	---	12000	3500	1200	3700	<100	<50	<1000	270	<100	<100
GMW-O-14	10/18/12	CH2M Hill	15000	---	2700	---	---	2600	1100	520	1800	<50	<25	<500	70	<50	<50
GMW-O-14	01/15/13	CH2M Hill	7700	---	8300	---	---	1200	72	420	1300	<20	<10	<200	25	<20	<20
GMW-O-14	04/11/13	CH2M Hill	27000	---	3700	---	---	6900	200	1800	2300	61	<25	<500	180	<50	<50
GMW-O-14	10/11/13	CH2M Hill	54000	---	3000	---	---	14000	760	2200	3000	<130	64	<1300	260	<130	<130
GMW-O-14	04/16/14	CH2M Hill	32000	---	1900	---	---	9700	130	1500	1500	<200	<100	<2000	<200	<200	<200
GMW-O-14	10/31/14	CH2M Hill	19000	---	1300	---	---	6600	50	730	350	<50	<25	<500	200	<50	<50
GMW-O-14	04/23/15	CH2M Hill	15000	---	1100	---	---	6900	59	530	92	<50	26	2000	220	<50	<50
GMW-O-14	10/26/15	CH2M	24000	---	890	---	---	12000	<100	570	<100	<200	<100	<2000	220	<200	<200
GMW-O-14	03/15/16	CH2M	21000	---	440	---	---	11000	<50	240	250	<100	<50	<1000	240	<100	<100
GMW-O-14	04/15/16	CH2M	3200	---	930	---	---	1300	<10	<10	<10	<20	13	<200	100	<20	<20
GMW-O-14	06/29/16	CH2M	13000	---	430	---	---	6300	80	270	200	<40	30	<400	230	<40	<40
GMW-O-14	08/23/16	CH2M	6000	---	380	---	---	3100	18	36	46	13	19	150	130	<60	12
GMW-O-14	10/07/16	CH2M	30000	---	640	---	---	12000	72	390	290	<100	<50	<1000	220	<100	<100
GMW-O-14	04/21/17	CH2M	250	---	620	---	---	0.59	<0.50	0.82	2.4	3.7	3.5	15	30	<1	<1
GMW-O-14	10/06/17	CHHL	13000	---	2300	---	---	5700	140	190	150	<50	<25	<500	190	<50	<50
GMW-O-14	04/20/18	CHHL	1400	---	1900	---	---	640	<4	<4	4.1	<8	11	<80	130	<8	<8
GMW-O-14	11/09/18	CHHL	8600	---	620	---	---	5100	<40	<40	<40	<80	<40	<800	150	<80	<80
GMW-O-14	04/18/19	CHHL	1000 J	---	290	---	---	310 J	<1	2.1 J	<1	3 J	6.1	46	73	<2	<2
GMW-O-14	11/01/19	Jacobs	28000	---	1300	---	---	13,000	88	520	500	<100	<50	<1000	190	<100	<100
GMW-O-14	05/06/20	Jacobs	1300	---	940	---	---	320	2.5	<2.0	6.6	<4.0	3.4	44	69	<4.0	<4.0

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-14	08/20/20	Jacobs	4800	---	1500	---	---	2000	18	13	<10	<20	<10	<200	94	<20	<20
GMW-O-14	11/09/20	Jacobs	5700	---	2600	---	---	2500	13	<10	<10	<20	<10	<200	110	<20	<20
GMW-O-14	02/24/21	Jacobs	810	---	1600	---	---	26	6.6	2.0	4.0	<2.0	2.4	62	46	<2.0	<2.0
GMW-O-14	05/05/21	Jacobs	730 J	---	1000	---	---	220	3.2	2.7	5.3	<2.0	2.0	55	50	<2.0	<2.0
GMW-O-15	10/16/08	Stantec	1700	2800	---	---	---	550	3	37	34.1	<5	110	---	---	---	---
GMW-O-15	03/16/10	Blaine Tech for Parsons	530	8900	---	---	---	10	1.1	0.64	2.7	<0.50	400	<10	<1	<1	1.9
GMW-O-15	04/16/10	Blaine Tech	6700	62000	---	---	---	1700	54	120	176	<10	1300	1800	<10	<10	11
GMW-O-15	05/25/10	Blaine Tech	650	5600	---	---	---	82	16	8.4	44	<2	180	1500	<2	<2	<2
GMW-O-15	07/13/10	Blaine Tech	580	250	---	---	---	110	7.5	11	27	<1	300	5100	<1	<1	1.5
GMW-O-15	08/12/10	Blaine Tech	710	370	---	---	---	120	4.1	10	34	<1	260	5300	<1	<1	1.5
GMW-O-15	09/20/10	Blaine Tech	620	500	---	---	---	120	3.3	13	24	<1	230	6000	<1	<1	1.4
GMW-O-15	10/05/10	Blaine Tech	14000	6000	---	---	---	1800	280	92	760	<20	3200	3000	<20	<20	35
GMW-O-15	11/23/10	Blaine Tech	1800	7700	---	---	---	<1	4.1	4.4	33	<2	<1	<20	<2	<2	<2
GMW-O-15	12/22/10	Blaine Tech	28000	19000	---	---	---	3900	610	850	3000	<40	1900	1300	<40	<40	<40
GMW-O-15	01/12/11	Blaine Tech	12000	15000	---	---	---	1300	49	280	700	<20	430	12000	<20	<20	<20
GMW-O-15	02/24/11	Blaine Tech	12000	10000	---	---	---	700	450	310	1300	<10	970	4100	<10	<10	20
GMW-O-15	03/23/11	Blaine Tech	2400	4300	---	---	---	210	47	39	190	<2	310	3600	<2	<2	5.2
GMW-O-15	04/29/11	Blaine Tech	1200	1500	---	---	---	250	27	27	154	<2	350	3900	<2	<2	2.4
GMW-O-15	05/13/11	Blaine Tech	1300	1600	---	---	---	200	18	22	127	<2	350	6600	<2	<2	3.6
GMW-O-15	06/22/11		1800	1200	---	---	---	190	95	34	220	<1	310	6800	<1	<1	1.8
GMW-O-15	07/12/11	CH2M Hill	1000	970	---	---	---	150	17	14	97	<2	220	6400	<2	<2	<2
GMW-O-15	08/19/11	CH2M Hill	33000	550000	---	---	---	820	2200	610	4400	<50	290	9200	<50	<50	<50
GMW-O-15	09/22/11	CH2M Hill	3400	1000	---	---	---	480	290	58	320	<5	640	6800	<5	<5	10
GMW-O-15	10/13/11	CH2M Hill	3900	1600	---	---	---	530	290	73	460	<10	220	3200	<10	<10	<10
GMW-O-15	12/21/11	CH2M Hill	520	570	---	---	---	110	1.5	5.7	22	<2	79	5300	<2	<2	<2
GMW-O-15	01/10/12	CH2M Hill	470	1200	---	---	---	110	1.3	6.9	15	<1	86	4300	<1	<1	1.2
GMW-O-15	02/23/12	CH2M HILL	4800	6900	---	---	---	340	390	85	600	<5	110	4000	<5	<5	17
GMW-O-15	03/28/12	CH2M HILL	1300	---	120	---	---	230	68	13	110	<2	99	4600	<2	<2	<2
GMW-O-15	04/27/12	CH2M Hill	2100	---	1300	---	---	180	67	16	160	<1	49	4300	<1	<1	1
GMW-O-15	05/25/12	CH2M HILL	110000	---	24000	---	---	320	270	420	3400	<100	190	<1000	<100	<100	100
GMW-O-15	07/11/12	CH2M Hill	17000	---	13000	---	---	6700	63	120	270	<100	1500	1600	<100	<100	<100
GMW-O-15	08/29/12	CH2M Hill	190	---	89	---	---	73	1.2	3.3	8.1	<0.50	22	5300	<1	<1	<1
GMW-O-15	09/26/12	CH2M Hill	220	---	<50	---	---	53	0.74	3.7	7.3	<0.50	17	2900	<1	<1	<1
GMW-O-15	10/18/12	CH2M Hill	210	---	140	---	---	50	<0.50	3.3	5.9	<1	13	2600	<1	<1	<1
GMW-O-15	11/29/12	CH2M Hill	380	---	75	---	---	140	1.3	3	6.4	<2	33	3900	<2	<2	<2
GMW-O-15	12/26/12	CH2M Hill	1400	---	110	---	---	100	23	3.4	20	<0.50	22	3900	<1	<1	<1
GMW-O-15	01/15/13	CH2M Hill	1200	---	<50	---	---	240	29	16	45	<3	52	3100	<3	<3	<3
GMW-O-15	02/20/13	CH2M Hill	230	---	<50	---	---	59	<0.50	2.5	3.2	<1	14	3100	<1	<1	<1
GMW-O-15	04/12/13	CH2M Hill	460	---	110	---	---	89	2.3	4.6	5.5	<1	36	3600	<1	<1	<1
GMW-O-15	10/11/13	CH2M Hill	56000	---	88000	---	---	7600	2300	750	4100	<100	8000	7100	<100	<100	<100
GMW-O-15	10/27/15	CH2M	120000	---	490000	---	---	12000	16000	2200	12000	<200	8800	<200	<200	<200	210
GMW-O-15	04/14/16	CH2M	370000	---	82000	---	---	5700	15000	4600	36000	<200	2800	3400	<200	<200	<200
GMW-O-15	11/08/18	CHHL	11000	---	1600	---	---	140	67	30	1300	<10	650	2800	<10	<10	14
GMW-O-15	10/31/19	Jacobs	4400	---	6700	---	---	470	5.0	35	470	<8.0	530	5,900	<8.0	<8.0	18
GMW-O-15	05/08/20	Jacobs	9200	---	13000	---	---	1,600	9.6	140	650	<10	3,100	8,900	<10	<10	34
GMW-O-15	11/06/20	Jacobs	<1000	---	5600	---	---	<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	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-16	05/07/99	Alton Geoscience	<500	---	<500	---	---	0.66	<0.50	<0.50	0.72	<1	7.6	---	---	---	---
GMW-O-16	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-O-16	11/30/00	Secor	<300	<100	---	---	---	0.8	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
GMW-O-16	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	10/22/02	Secor	<300	<100	---	---	---	1.6	0.98	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/22/04	Secor	<50	3600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	07/20/04	Secor	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-16	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/05/05	Secor	92	<100	---	---	---	1.6	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
GMW-O-16	08/02/05	Secor	57	<100	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	93	---	---	---	---
GMW-O-16	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	57	---	---	---	---
GMW-O-16	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.3	---	---	---	---
GMW-O-16	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.3	---	---	---	---
GMW-O-16	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	---	---	---	---
GMW-O-16	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	11/14/07	Secor	<50	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	02/07/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	---	---	---	---
GMW-O-16	04/16/08	Secor	<50	<100	---	---	---	<0.50	1.2	0.59	5.5	<0.50	0.63	---	---	---	---
GMW-O-16	10/14/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	0.6	<0.50	0.65	---	---	---	---
GMW-O-16	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	<10	<1	<1	<1
GMW-O-16	10/21/09	Blaine Tech for Parsons	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	03/16/10	Blaine Tech for Parsons	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/16/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	05/26/10	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	<10	<1	<1	<1
GMW-O-16	07/13/10	Blaine Tech	<50	<100	---	---	---	0.73	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1	<1	<1
GMW-O-16	08/12/10	Blaine Tech	<50	<100	---	---	---	0.5	<0.50	<0.50	<0.50	<0.50	2.3	<10	<1	<1	<1
GMW-O-16	09/20/10	Blaine Tech	<50	170	---	---	---	0.69	<0.50	<0.50	<0.50	<0.50	3.1	<10	<1	<1	<1
GMW-O-16	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	11/16/10	Blaine Tech	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	<10	<1	<1	<1
GMW-O-16	12/22/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<1	<1	<1
GMW-O-16	01/11/11	Blaine Tech	<50	<100	---	---	---	0.52	<0.50	<0.50	<0.50	<0.50	0.94	<10	<1	<1	<1
GMW-O-16	02/24/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<1	<1	<1
GMW-O-16	03/23/11	Blaine Tech	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1	<1	<1
GMW-O-16	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	05/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	06/22/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1	<1	<1
GMW-O-16	07/12/11	CH2M Hill	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	08/19/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-O-16	09/22/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<1	<1	<1
GMW-O-16	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
GMW-O-16	11/28/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	12/21/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	0.5	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	1.4	<0.50	3.4	<10	<1	<1	<1
GMW-O-16	02/23/12	CH2M HILL	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<1	<1	<1
GMW-O-16	03/28/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<1	<1	<1
GMW-O-16	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.79	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-16	05/25/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	06/15/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	07/10/12	CH2M Hill	<50	---	<50	---	---	2.5	1.1	<0.50	0.7	<0.50	0.57	<10	<1	<1	<1
GMW-O-16	08/29/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	09/26/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.89	<0.50	0.7	<10	<1	<1	<1
GMW-O-16	11/29/12	CH2M Hill	<50	---	83	---	---	<0.50	<0.50	<0.50	0.56	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	12/26/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-O-16	01/15/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	<10	<1	<1	<1
GMW-O-16	02/20/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/10/13	CH2M Hill	170	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	24	<1	<1	<1
GMW-O-16	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/29/14	CH2M Hill	<50	---	<50	---	---	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/22/15	CH2M Hill	89	---	<50	---	---	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	22	<1	<1	<1
GMW-O-16	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/14/16	CH2M	<50	---	310	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/18/17	CH2M	66	---	<50	---	---	1.2	<0.50	<0.50	<0.50	<0.50	4	<10	<1	<1	<1
GMW-O-16	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/19/19	CHHL	<50	---	53	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/31/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<10	<1.0	<1.0	<1.0
GMW-O-16	05/08/20	Jacobs	<50	---	51	---	---	<0.50	<0.50	<0.50	0.57	<0.50	0.81	<10	<1.0	<1.0	<1.0
GMW-O-16	11/05/20	Jacobs	320	---	160	---	---	<0.50	0.93	1.2	84	<0.50	1.3	<10	<1.0	<1.0	<1.0
GMW-O-16	05/06/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	1.8	<0.50	6.7	<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	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/05/99	Alton Geoscience	<500	---	<500	---	---	0.64	<0.50	<0.50	<0.50	<1	0.58	---	---	---	---
GMW-O-17	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	10/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	26	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-17	07/02/13	CH2M Hill	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/21/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/30/19	Jacobs	<50	---	93	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	05/04/21	Jacobs	<50	---	92	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-18	11/26/96	Terra Services	---	---	---	---	---	<10	<10	<10	<30	<10	10000	---	---	---	---
GMW-O-18	07/11/97	Terra Services	<100	---	<500	---	---	<3	<3	<3	<3	<3	3000	---	---	---	---
GMW-O-18	01/07/98	Terra Services	<100	---	<500	---	---	<5	<5	<5	<15	<5	3200	---	---	---	---
GMW-O-18	05/21/98	Terra Services	2000	---	---	---	---	<100	<100	<100	<200	<100	5600	---	---	---	---
GMW-O-18	11/17/98	Alton Geoscience	543	<100	---	---	---	<0.50	1	<0.50	2.6	<0.50	1420	---	---	---	---
GMW-O-18	05/06/99	Alton Geoscience	2700	---	<500	---	---	<5	<5	<5	<5	<13	15000	---	---	---	---
GMW-O-18	11/18/99	Secor	2900	<100	---	---	---	<13	<12.5	<12.5	<12.5	<13	6700	---	---	---	---
GMW-O-18	05/19/00	Secor	3500	<100	---	---	---	<25	<25	<25	<25	<25	10000	---	---	---	---
GMW-O-18	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	---	---	---	---
GMW-O-18	05/09/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	---	---	---	---
GMW-O-18	12/07/06	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.65	---	---	---	---
GMW-O-18	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	---	---	---	---
GMW-O-18	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	---	---	---	---
GMW-O-18	04/15/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-18	10/15/08	Stantec	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
GMW-O-18	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	140	<1	<1	<1
GMW-O-18	10/21/09	Blaine Tech for Parsons	2400	680	---	---	---	170	440	17	410	<5	490	480	<5	<5	<5
GMW-O-18	03/16/10	Blaine Tech for Parsons	<50	<100	---	---	---	0.6	1.3	<0.50	1.77	<0.50	4.5	550	<1	<1	<1
GMW-O-18	04/16/10	Blaine Tech	1300	6600	---	---	---	0.67	<0.50	3.1	12.9	<0.50	1.2	2400	<1	<1	<1
GMW-O-18	05/25/10	Blaine Tech	110	540	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.9	6500	<1	<1	<1
GMW-O-18	07/14/10	Blaine Tech	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	11000	<1	<1	<1
GMW-O-18	08/12/10	Blaine Tech	220	<100	---	---	---	0.64	<0.50	<0.50	<0.50	<1	0.93	15000	<1	<1	<1
GMW-O-18	09/20/10	Blaine Tech	290	<100	---	---	---	1.1	<0.50	<0.50	0.55	<1	1.2	23000	<1	<1	<1
GMW-O-18	10/05/10	Blaine Tech	4000	<1100	---	---	---	1200	420	23	91	<10	670	2600	<10	<10	<10
GMW-O-18	11/16/10	Blaine Tech	<2000	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.53	21000	<1	<1	<1
GMW-O-18	01/12/11	Blaine Tech	<3000	130	---	---	---	<1	<1	<1	<1	<2	<1	29000	<2	<2	<2
GMW-O-18	02/24/11	Blaine Tech	1400	2100	---	---	---	60	31	19	85	<0.50	380	1600	<1	<1	3.9
GMW-O-18	03/23/11	Blaine Tech	110	230	---	---	---	6	1.4	1.1	6.3	<0.50	2.9	3300	<1	<1	<1
GMW-O-18	04/29/11	Blaine Tech	<50	120	---	---	---	3.7	<0.50	<0.50	1.7	<0.50	7.5	780	<1	<1	<1
GMW-O-18	05/13/11	Blaine Tech	<100	230	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-O-18	06/22/11	Blaine Tech	7500	37000	---	---	---	<0.50	<0.50	<0.50	440	<1	5.5	3200	<1	<1	<1
GMW-O-18	08/19/11	CH2M Hill	2600	12000	---	---	---	17	3.9	3.2	40	<2	85	61	<2	<2	<2
GMW-O-18	09/22/11	CH2M Hill	34000	64000	---	---	---	700	110	690	5300	<50	400	6100	<50	<50	54
GMW-O-18	10/14/11	CH2M Hill	6000	36000	---	---	---	190	13	36	100	<20	1600	6600	<20	<20	26

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-18	11/23/11	CH2M Hill	25000	150000	---	---	---	65	<10	51	<10	<20	310	6000	<20	<20	22
GMW-O-18	12/21/11	CH2M Hill	190	26000	---	---	---	<0.50	<0.50	<0.50	0.53	<0.50	70	1600	<1	<1	<1
GMW-O-18	01/10/12	CH2M Hill	570	1400	---	---	---	100	<0.50	5.3	3.9	<1	110	4800	<1	<1	2.2
GMW-O-18	02/23/12	CH2M HILL	180	140	---	---	---	8.8	6.8	0.84	7.8	<0.50	5.9	9200	<1	<1	<1
GMW-O-18	03/28/12	CH2M HILL	140	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	10000	<1	<1	<1
GMW-O-18	05/25/12	CH2M HILL	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	7700	<1	<1	<1
GMW-O-18	06/15/12	CH2M HILL	180	---	50	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.6	17000	<1	<1	<1
GMW-O-18	07/11/12	CH2M Hill	180	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14000	<1	<1	<1
GMW-O-18	08/30/12	CH2M Hill	71	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14000	<1	<1	<1
GMW-O-18	09/26/12	CH2M Hill	55	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8900	<1	<1	<1
GMW-O-18	10/30/12	CH2M Hill	110	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	11000	<1	<1	<1
GMW-O-18	11/29/12	CH2M Hill	110	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10000	<1	<1	<1
GMW-O-18	12/26/12	CH2M Hill	76	---	240	---	---	22	2.1	0.82	2.4	<0.50	5.5	850	<1	<1	<1
GMW-O-18	01/15/13	CH2M Hill	91	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8000	<1	<1	<1
GMW-O-18	04/12/13	CH2M Hill	<100	---	58	---	---	<0.50	0.51	<0.50	0.53	<1	<0.50	4000	<1	<1	<1
GMW-O-18	10/10/13	CH2M Hill	120	---	<50	---	---	2.2	1.1	<0.50	6	<0.50	<0.50	6000	<1	<1	<1
GMW-O-18	11/03/15	CH2M	2900	---	49000	---	---	62	150	39	230	<3	100	1800	<3	<3	<3
GMW-O-18	04/14/16	CH2M	11000000	---	5900000	---	---	53000	620000	310000	2300000	<10000	6000	<100000	<10000	<10000	<10000
GMW-O-18	04/18/19	CHHL	5600	---	5800	---	---	38	<2.5	290	37	<5	4.8	6400	<5	<5	<5
GMW-O-18	10/31/19	Jacobs	5900	---	10000	---	---	39	<2.5	300	26	<5.0	12	3,400	<5.0	<5.0	<5.0
GMW-O-18	05/07/20	Jacobs	3400	---	5400	---	---	31	<1.0	300	8.6	<2.0	4.4	4,300	<2.0	<2.0	<2.0
GMW-O-18	11/06/20	Jacobs	9700	---	4700	---	---	14	9.4	210	21	<10	<5.0	430	<10	<10	<10
GMW-O-18	05/05/21	Jacobs	3600	---	2700	---	---	<2.0	<2.0	59	4.6	<4.0	6.6	520	<4.0	<4.0	<4.0
GMW-O-19	11/25/96	Terra Services	---	---	---	---	---	<0.50	<0.87	2.8	5.1	<0.50	<5	---	---	---	---
GMW-O-19	07/16/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-19	01/06/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-19	05/20/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	2	---	---	---	---
GMW-O-19	11/12/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.51	---	---	---	---
GMW-O-19	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	---	---	---	---
GMW-O-19	05/17/00	Secor	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/09/03	Secor	<50	500	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	08/01/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/22/04	Secor	<50	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	07/20/04	Secor	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-19	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	05/05/05	Secor	510	110	---	---	---	110	<0.50	17	24.5	<1	150	---	---	---	---
GMW-O-19	08/02/05	Secor	160	<100	---	---	---	2.1	<0.50	1.2	<0.50	<0.50	19	---	---	---	---
GMW-O-19	11/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	10/14/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-19	10/20/09	Blaine Tech for Parsons	<50	<200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/16/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/13/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/12/10	Blaine Tech	<50	<100	---	---	---	0.52	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/20/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/06/10	Blaine Tech	<50	340	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/16/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	12/22/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	02/24/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/23/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	06/22/11		<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/19/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/22/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/11/11	CH2M Hill	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/28/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	12/21/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/10/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	02/23/12	CH2M HILL	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/28/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/25/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	06/15/12	CH2M HILL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/29/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/26/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/29/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	70	<1	<1	<1
GMW-O-19	12/26/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.52	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/15/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	02/20/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/09/13	CH2M Hill	110	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/18/17	CH2M	52	---	<50	---	---	2.2	2.8	<0.50	11	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/19/19	CHHL	<50	---	530	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/31/19	Jacobs	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	05/08/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-19	11/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	05/06/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-20	10/05/10	Blaine Tech	46000	<150000	---	---	---	17000	390	680	2700	<200	<100	<2000	<200	<200	<200
GMW-O-20	04/13/11	Blaine Tech	42000	680000	---	---	---	12000	170	580	400	<200	<100	<2000	<200	<200	<200
GMW-O-20	10/13/11	CH2M Hill	34000	2000000	---	---	---	6300	460	240	850	<100	<50	<1000	<100	<100	<100
GMW-O-20	04/20/12	CH2M Hill	48000	---	230000	---	---	11000	520	350	2500	<100	<50	<1000	<100	<100	<100
GMW-O-20	10/19/12	CH2M Hill	36000	---	340000	---	---	6100	1000	360	2700	<50	<25	<500	<50	<50	<50
GMW-O-20	06/29/16	CH2M	23000	---	7500	---	---	6800	560	370	1300	<40	51	<400	<40	<40	<40
GMW-O-20	08/23/16	CH2M	13000	---	31000	---	---	2600	260	150	1300	1.6	27	79	5.8	<60	<60
GMW-O-20	10/07/16	CH2M	35000	---	95000	---	---	2700	930	230	4200	<40	38	<400	<40	<40	<40
GMW-O-20	04/21/17	CH2M	2900	---	5900	---	---	850	14	24	85	<10	24	<200	<10	<10	<10
GMW-O-20	10/06/17	CHHL	6500	---	21000	---	---	460	16	36	290	<4	7.4	<40	10	<4	<4
GMW-O-20	05/15/18	CHHL	82	---	340	---	---	2.7	<0.50	<0.50	3.2	<0.50	4.6	10	4.1	<1	<1
GMW-O-20	11/08/18	CHHL	1300	---	2700	---	---	86	3.6	2.7	31	<1	5.2	22	6.9	<1	<1
GMW-O-20	04/23/19	CHHL	1200	---	1400	---	---	240	7.2	27	59	<2	22	42	14	<2	<2
GMW-O-20	05/06/20	Jacobs	1600	---	5100	---	---	56	1.4	5.0	70	<1.0	3.8	110	5.1	<1.0	<1.0
GMW-O-20	08/20/20	Jacobs	610	---	1800	---	---	100	0.77	4.0	1.3	<1.0	14	17	8.7	<1.0	<1.0
GMW-O-20	11/09/20	Jacobs	400	---	850	---	---	51	1.3	0.51	1.4	<0.50	17	18	14	<1.0	<1.0
GMW-O-20	02/24/21	Jacobs	570	---	620	---	---	140	<1.0	4.8	<1.0	<2.0	8.7	<20	4.3	<2.0	<2.0
GMW-O-20	05/04/21	Jacobs	640	---	530	---	---	200	1.4	6.2	1.5	<2.0	8.8	<20	12	<2.0	<2.0
GMW-O-21	10/07/03	Secor	47000	20000	---	---	---	15000	5200	500	3160	<100	5200	---	---	---	---
GMW-O-21	10/08/10	Blaine Tech	66000	8000	---	---	---	19000	8200	1200	3800	<200	<100	<2000	<200	<200	<200
GMW-O-21	04/29/11	Blaine Tech	18000	5300	---	---	---	7400	2400	190	1940	<50	95	<500	86	<50	<50
GMW-O-21	10/14/11	CH2M Hill	31000	6400	---	---	---	8300	4100	290	2400	<100	51	<1000	<100	<100	<100
GMW-O-21	04/19/12	CH2M Hill	32000	---	1200	---	---	11000	4400	230	3000	<100	<50	<1000	<100	<100	<100
GMW-O-21	10/19/12	CH2M Hill	1200	---	880	---	---	370	71	4.8	66	<2	3.2	96	8.7	<2	<2
GMW-O-21	10/07/16	CH2M	18000	---	2000	---	---	2900	21	280	1600	<40	<20	<400	<40	<40	<40
GMW-O-21	04/21/17	CH2M	3100	---	1100	---	---	55	5.7	11	180	<2	<1	<20	<2	<2	<2
GMW-O-21	10/06/17	CHHL	9700	---	750	---	---	4300	<20	22	<20	<40	<20	<400	52	<40	<40
GMW-O-21	04/20/18	CHHL	2000	---	2100	---	---	1000	6.8	8.9	<5	<10	<5	<100	15	<10	<10
GMW-O-21	11/09/18	CHHL	<8000	---	2400	---	---	4300	<40	<40	<40	<80	<40	<800	<80	<80	<80
GMW-O-21	04/18/19	CHHL	140	---	64	---	---	14	0.64	0.72	<0.50	<0.50	5.9	13	15	<1	<1
GMW-O-21	11/01/19	Jacobs	7600	---	1100	---	---	3,900	12	120	79	<20	<10	<200	32	<20	<20
GMW-O-21	05/06/20	Jacobs	<50	---	64	---	---	<0.50	<0.50	<0.50	0.54	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-21	08/20/20	Jacobs	7300	---	680	---	---	3400	19	37	120	110	<15	<300	<30	<30	<30
GMW-O-21	11/09/20	Jacobs	4900	---	730	---	---	2300	<10	31	16	<20	<10	<200	26	<20	<20
GMW-O-21	02/24/21	Jacobs	7500	---	680	---	---	2,700	<10	<10	26	<20	<10	<200	<20	<20	<20
GMW-O-21	05/05/21	Jacobs	4100	---	1700	---	---	1,100	10	8.2	20	<10	<5.0	<100	<10	<10	<10
GMW-O-23	10/08/10	Blaine Tech	120000	25000	---	---	---	22000	21000	1800	8100	<200	2600	<2000	<200	<200	<200
GMW-O-23	04/13/11	Blaine Tech	75000	12000	---	---	---	15000	13000	850	5800	<200	1700	<2000	<200	<200	<200
GMW-O-23	10/13/11	CH2M Hill	65000	7200	---	---	---	16000	11000	540	3800	<200	1500	<2000	<200	<200	<200
GMW-O-23	10/19/12	CH2M Hill	29000	---	31000	---	---	7000	5000	130	1900	<100	400	<1000	<100	<100	<100
GMW-O-23	06/29/16	CH2M	17000	---	120000	---	---	250	89	88	1700	<10	20	<100	<10	<10	<10
GMW-O-23	08/23/16	CH2M	8700	---	160000	---	---	81	13	16	620	0.26	8.2	81	0.47	<20	<20
GMW-O-23	10/07/16	CH2M	2800	---	170000	---	---	15	<4	9.3	110	<8	5	<80	<8	<8	<8
GMW-O-23	04/21/17	CH2M	1600	---	1300	---	---	11	3.6	1.6	220	<2	4	<20	3.5	<2	<2
GMW-O-23	10/06/17	CHHL	<50	---	1300	---	---	0.78	<0.50	0.6	2.1	<0.50	0.99	24	4.9	<1	<1
GMW-O-23	04/20/18	CHHL	110	---	1200	---	---	0.99	<0.50	<0.50	<0.50	<1	5.6	120	30	<1	<1
GMW-O-23	11/08/18	CHHL	78	---	1500	---	---	0.59 J	<0.50	<0.50	<0.50	<0.50	1.2	30 J	13	<1	<1
GMW-O-23	04/18/19	CHHL	<100	---	1500	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.94	140	27	<1	<1
GMW-O-23	05/06/20	Jacobs	<100	---	660	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	1.5	41	25	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-23	08/20/20	Jacobs	<100	---	490	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	3.2	200	38	<1.0	<1.0
GMW-O-23	11/06/20	Jacobs	100	---	550	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	2.4	75	33	<1.0	<1.0
GMW-O-23	02/24/21	Jacobs	120	---	440	---	---	11	<0.50	<0.50	<0.50	<1.0	6.4	120	23	<1.0	<1.0
GMW-O-23	05/04/21	Jacobs	110	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.4	40	37	<1.0	<1.0
GMW-O-24	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<10	<1	<1	<1
GMW-O-24	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	<10	<1	<1	<1
GMW-O-24	10/23/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
GMW-O-24	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/23/15	CH2M Hill	<50	---	74	---	---	0.7	<0.50	<0.50	0.97	<0.50	0.5	20	<1	<1	<1
GMW-O-24	06/30/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
GMW-O-24	10/21/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/12/16	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/04/16	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/21/17	CH2M Hill	<50	---	<50	---	---	0.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/18/18	CHHL	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	02/25/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	05/05/21	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	11/25/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	5.8	<0.50	<5	---	---	---	---
GMW-SF-7	07/11/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	8.7	---	---	---	---
GMW-SF-7	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-SF-7	05/19/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/11/98	Alton Geoscience	<300	<100	---	---	---	0.96	<0.50	<0.50	1.3	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/07/99	Alton Geoscience	<500	---	<500	---	---	1	4.1	<0.50	1.8	<1	1.3	---	---	---	---
GMW-SF-7	11/18/99	Secor	350	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	200	---	---	---	---
GMW-SF-7	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
GMW-SF-7	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	---	---	---	---
GMW-SF-7	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.1	---	---	---	---
GMW-SF-7	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.73	---	---	---	---
GMW-SF-7	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	01/28/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	32	---	---	---	---
GMW-SF-7	07/19/04	Secor	550	<100	---	---	---	<1	<1	<1	<1	<2	680	---	---	---	---
GMW-SF-7	11/02/04	Secor	220	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	340	---	---	---	---
GMW-SF-7	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	09/18/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-SF-7	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	08/30/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	10/14/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	81	<1	<1	<1
GMW-SF-7	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	11/22/96	Terra Services	<100	---	<500	---	---	4.5	<1	<1	<3	<1	920	---	---	---	---
GMW-SF-8	07/11/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	140	---	---	---	---
GMW-SF-8	01/06/98	Terra Services	<100	---	<500	---	---	4.1	<0.50	<0.50	<1.5	<0.50	450	---	---	---	---
GMW-SF-8	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<1	0.9	---	---	---	---
GMW-SF-8	11/12/98	Alton Geoscience	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	40	---	---	---	---
GMW-SF-8	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	4.8	---	---	---	---
GMW-SF-8	11/18/99	Secor	660	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	800	---	---	---	---
GMW-SF-8	05/17/00	Secor	<300	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	42	---	---	---	---
GMW-SF-8	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	220	---	---	---	---
GMW-SF-8	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	20	---	---	---	---
GMW-SF-8	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	---
GMW-SF-8	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	---	---	---	---
GMW-SF-8	10/22/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.2	---	---	---	---
GMW-SF-8	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	---	---	---	---
GMW-SF-8	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	---	---	---	---
GMW-SF-8	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	10/06/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	01/27/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	07/19/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/03/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-SF-8	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	08/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/01/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/02/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	09/18/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-SF-8	12/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/04/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/16/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	10/14/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-9	09/24/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.2	---	---	---	---
GMW-SF-9	10/10/03	Geomatrix	79	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	14	---	---	---	---
GMW-SF-9	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-9	04/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-9	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	40	<1	<1	<1
GMW-SF-9	10/12/11	CH2M Hill	<100	1300	---	---	---	1.5	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-SF-9	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	110	<1	<1	<1
GMW-SF-9	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	270	<1	<1	<1
GMW-SF-10	09/24/03	Secor	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	210	---	---	---	---
GMW-SF-10	10/10/03	Geomatrix	100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	120	---	---	---	---
GMW-SF-10	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	04/14/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	10/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-SF-10	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GW-1	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.84	2.3	<10	<2	<2	<2
GW-1	08/03/09	Blaine Tech for AMEC GMX	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-1	04/29/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	4.7	<2	<10	<2	<2	<2
GW-1	10/21/15	SGI	<100	---	<100	---	---	2.3	<0.50	4.2	15	4.9	<2	<10	<2	<2	<2
GW-1	10/05/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	9.1	<1	<10	<2	<2	<2
GW-1	04/19/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.8	<1	<10	<2	<2	<2
GW-2	01/12/10	Blaine Tech for DESC	<100	---	---	---	120	3.6	<0.50	<0.50	<0.50	23	1.8	8.8 J	2.6	<2	<2
GW-2	10/08/10	Blaine Tech for Parsons	180	---	---	---	800	18	---	---	---	4.6	1.4	21	---	---	---
GW-2	04/19/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	0.6	<10	<2	<2	<2
GW-2	07/10/12	Parsons	---	---	---	---	110	2.4	<0.50	<0.50	0.24	6.2	0.69	10	0.79 J	<2	<2
GW-2	04/11/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	11	1.2	<10	0.46 J	<2	<2
GW-2	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	4.3	0.55	<10	<2	<2	<2
GW-2	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	3.3	0.51	<10	<2	<2	<2
GW-2	11/03/14	SGI	1800	---	230	---	---	31	4	65	350	2.5	<2	<10	<2	<2	<2
GW-2	04/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	2.4	<2	<10	<2	<2	<2
GW-2	10/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.1	<2	<10	<2	<2	<2
GW-2	04/12/16	SGI	<100	---	<100	---	---	1	<0.50	1.9	6.1	1.2	<1	<10	<2	<2	<2
GW-2	10/05/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.6	<1	<10	<2	<2	<2
GW-2	04/19/17	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	0.5	<1	<10	<2	<2	<2
GW-2	10/05/17	TSGS	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	1.9	<1	<10	<2	<2	<2
GW-2	04/19/18	TSGS	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-2	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	0.51	<1	<10	<2	<2	<2
GW-2	04/18/19	TSGS	<100	---	260	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
GW-2	11/05/19	SGI	<100	---	240	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	05/07/20	SGI	<100	---	270	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	10/26/20	SGI	<100	---	160	---	---	<0.50	<0.50J	<0.50J	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	05/06/21	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	04/11/03	GTI	---	134	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GW-3	10/11/03	Blaine Tech for Parsons	---	300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
GW-3	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<2	<2	<2
GW-3	11/04/04	Blaine Tech for Parsons	---	3900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/10/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/03/06	Blaine Tech for Parsons	---	200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	12/06/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/24/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	<2	<2	<2
GW-3	10/22/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/15/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	18	<2	<2	<2
GW-3	04/11/13	Parsons	---	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	9.6 J	<2	<2	<2
GW-3	10/07/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	04/21/15	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	10/23/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	04/12/16	SGI	<100	---	<100	---	---	1	<0.50	2.2	6.9	<0.50	<1	<10	<2	<2	<2
GW-3	10/05/16	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GW-3	04/19/17	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	10/02/17	TSGS	<100	---	290	---	---	2.4	<0.50	6	2	<0.50	<1	<10	<2	<2	<2
GW-3	10/25/17	TSGS	---	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/19/18	TSGS	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/17/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	10/29/19	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	05/04/20	SGL	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	10/22/20	SGL	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	05/06/21	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-4	04/24/15	SGL	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.6	<10	<2	<2	<2
GW-4	10/22/15	SGL	<100	---	4100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-4	10/10/16	SGL	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-6	11/06/98	GTI	339	<100	---	---	---	9.3	1.1	8.4	6.6	<0.50	<0.50	---	---	---	---
GW-6	05/27/99	GTI	<300	<100	---	---	---	62	<0.50	12	<0.50	<0.50	<0.50	---	---	---	---
GW-6	11/18/99	IT Corporation	690	930	---	---	---	90	<1	80	<0.50	<0.50	<0.50	---	---	---	---
GW-6	05/17/00	IT Corporation	<300	160	---	---	---	1.7	<0.50	2.5	<0.50	<0.50	19	---	---	---	---
GW-6	12/01/00	IT Corporation	<300	180	---	---	---	3.7	<0.50	1.6	<0.50	<0.50	21	---	---	---	---
GW-6	05/10/01	IT Corporation	<300	140	---	---	---	0.7	<0.50	<0.50	<0.50	<0.50	23	---	---	---	---
GW-6	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	21	---	---	---	---
GW-6	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	9.6	---	---	---	---
GW-6	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GW-6	10/10/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	---	---	---	---
GW-6	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	11/04/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/10/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/02/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	10/15/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	04/21/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
GW-6	10/22/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<2	<2	<2
GW-6	04/13/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<2	<2	<2
GW-6	10/05/10	Blaine Tech for Parsons	---	---	---	---	110	<0.50	---	---	---	<0.50	1.1	4.7 J	---	---	---
GW-6	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<2	<2	<2
GW-6	04/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
GW-6	10/19/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<2	<2	<2
GW-6	04/10/13	Parsons	---	---	130 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<2	<2	<2
GW-6	10/08/13	Parsons	<100	---	180 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	12	<2	<2	<2
GW-6	04/15/14	Parsons	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	10/27/14	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-6	04/21/15	SGL	<100	---	250	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	25	<2	<2	<2
GW-6	10/05/16	SGL	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	<10	<2	<2	<2
GW-6	04/19/17	SGL	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-6	10/05/17	TSGS	<100	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.9	<10	<2	<2	<2
GW-6	04/18/18	TSGS	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
GW-6	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-6	04/17/19	TSGS	<100	---	410 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.6	<10	<2	<2	<2
GW-6	11/05/19	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	05/05/20	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GW-6	10/20/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
GW-6	05/05/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-7	04/12/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	---	---	---	---
GW-7	04/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-7	10/11/16	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-7	04/19/17	SGI	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	10/09/13	Parsons	<100	---	190 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-8	04/18/14	Parsons	<100	---	100 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-8	10/28/14	SGI	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	04/24/15	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	10/22/15	SGI	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	10/07/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	10/03/17	TSGS	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	04/18/18	TSGS	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	11/09/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	04/16/19	TSGS	<100	---	100 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	11/05/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	10/19/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/05/21	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(1*)	11/15/07	Blaine Tech for Parsons	---	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.5	20	<2	<2	<2
GW-13(6")	05/03/07	Blaine Tech for Parsons	---	2800	---	---	---	<0.50	<0.50	<0.50	<0.50	0.83	5.3	31	<2	<2	<2
GW-13(6")	04/17/08	Blaine Tech for Parsons	230	1300	---	---	---	<0.50	<0.50	<0.50	<0.50	0.99	4.4	28	<2	<2	<2
GW-13(6")	04/24/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	14	11	<10	2.1	<2	<2
GW-13(6")	01/12/10	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	21	4.8	5.2 J	3.7	<2	<2
GW-13(6")	04/13/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7.4	12	16	1.5 J	<2	<2
GW-13(6")	10/08/10	Blaine Tech for Parsons	<100	---	---	---	120	<0.50	---	---	---	5	11	24	---	---	---
GW-13(6")	04/22/11	Blaine Tech for Parsons	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	3.7	6.8	16	0.72 J	<2	<2
GW-13(6")	04/18/12	Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	6.9	3	<10	1.2 J	<2	<2
GW-13(6")	07/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.6	0.78	<10	<2	<2	<2
GW-13(6")	04/10/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	9.1	1.7	19	2 J	<2	<2
GW-13(6")	10/09/13	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	2.4	0.92	<10	<2	<2	<2
GW-13(6")	04/16/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	9.2	1.4	<10	1.8 J	<2	<2
GW-13(6")	11/03/14	SGI	1500	---	170	---	---	9.4	2.4	53	280	7.6	<2	<10	<2	<2	<2
GW-13(6")	04/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	8.5	<2	<10	<2	<2	<2
GW-13(6")	10/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	6.2	<2	<10	<2	<2	<2
GW-13(6")	04/12/16	SGI	<100	---	<100	---	---	0.57	<0.50	1.6	5.4	6.6	<1	<10	<2	<2	<2
GW-13(6")	10/05/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	8.1	<1	<10	<2	<2	<2
GW-13(6")	04/19/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.7	<1	<10	<2	<2	<2
GW-13(6")	10/05/17	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.4	<1	<10	<2	<2	<2
GW-13(6")	04/19/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	4.1	1.6	<10	<2	<2	<2
GW-13(6")	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.6	<1	<10	<2	<2	<2
GW-13(6")	04/18/19	TSGS	<100	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	<10	<2	<2	<2
GW-13(6")	11/05/19	SGI	<100	---	430	---	---	<0.50	<0.50	<0.50	<1.0	0.87	1.6	23	<2.0	<2.0	<2.0
GW-13(6")	05/11/20	SGI	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	0.66	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	10/22/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	05/04/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-14(1*)	11/15/07	Blaine Tech for Parsons	---	950	---	---	---	35	<0.50	14	3.94	<0.50	18	20	<2	<2	<2
GW-14(1*)	04/18/08	Blaine Tech for Parsons	900	1000	---	---	---	78	<0.50	<0.50	2.25	<0.50	18	13	<2	<2	<2
GW-14(1*)	10/22/09	Blaine Tech for DESC	110	---	---	---	900	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GW-14(1")	01/13/10	Blaine Tech for DESC	950	---	---	---	2100	62	0.35 J	1	1.4	<0.50	17	18	<2	<2	<2
GW-14(6")	05/03/07	Blaine Tech for Parsons	---	4000	---	---	---	200	5.2	220	900	---	39	---	---	---	---
GW-14(6")	10/16/08	Blaine Tech for Parsons	820	---	---	---	2700	40	<0.50	2.1	1	<0.50	22	16	<2	<2	<2
GW-14(6")	04/24/09	Blaine Tech for Parsons	690	---	---	---	1600	66	<0.50	0.99	0.64	<0.50	13	14	<2	<2	<2
GW-14(6")	04/15/11	Blaine Tech for Parsons	---	---	---	---	2600	---	---	---	---	---	---	---	---	---	---
GW-14(6")	04/22/11	Blaine Tech for Parsons	---	---	---	---	---	76	<0.50	9.4	9.01	<0.50	17	7.8 J	<2	<2	0.87 J
GW-14(6")	04/20/12	Parsons	1800 b	---	---	---	1300	19	<0.50	14	6.46	<0.50	8.5	<10	<2	<2	<2
GW-14(6")	07/10/12	Parsons	---	---	---	---	2200	18	<0.50	16	10.6	<0.50	8.2	5.1 J	<2	<2	<2
GW-14(6")	04/12/13	Parsons	1800 b	---	4800	---	---	30	<0.50	8.2	1.34 J	<0.50	13	10	<2	<2	0.82 J
GW-14(6")	10/09/13	Parsons	1600 HD	---	3400 HD	---	---	48	<0.50	7.3	1.15	<0.50	15	<10	<2	<2	<2
GW-14(6")	04/17/14	Parsons	2200 HD	---	7700 HD	---	---	32	<0.50	8.4	1.22	<0.50	11	64	<2	<2	<2
GW-14(6")	10/31/14	SGI	1700	---	3200	---	---	160	<0.50	1.1	0.62	<0.50	20	20	<2	<2	<2
GW-14R	10/26/20	SGI	1400	---	8100	---	---	7.5	<0.50J	5.5 J	1.2	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/03/07	Blaine Tech for Parsons	8500	1600	---	---	---	1100	1000	130	570	<0.50	<0.50	<10	<2	<2	<2
GW-15(6")	11/03/14	SGI	32000	---	11000	---	---	2700	78	1100	5100	<10	<40	<200	<40	<40	<40
GW-15(6")	04/21/15	SGI	7700	---	2100	---	---	250	<10	150	850	<10	<40	<200	<40	<40	<40
GW-15(6")	10/26/15	SGI	7500	---	38000	---	---	350	<2.5	120	660	<2.5	<10	<50	<10	<10	<10
GW-15(6")	10/11/16	SGI	8700	---	24000	---	---	730	<2.5	<2.5	<5	<2.5	<5	<50	<10	<10	<10
GW-15(6")	10/09/17	TSGS	990	---	610	---	---	550	<5	<5	10	<5	<10	<100	<20	<20	<20
GW-15(6")	04/23/18	TSGS	640	---	360	---	---	340	<5	<5	<10	<5	<10	<100	<20	<20	<20
GW-15(6")	11/15/18	TSGS	<100	---	<100	---	---	11	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-15(6")	04/18/19	TSGS	190	---	350	---	---	50	2.4	0.84	11	<0.50	<1	<10	<2	<2	<2
GW-15(6")	11/06/19	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	10/21/20	SGI	<100	---	8000 J	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/10/21	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	10/23/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	01/13/10	Blaine Tech for DESC	<100	---	---	---	460	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.4 J	<2	<2	<2
GW-16(6")	04/19/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	2.6	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	10/08/10	Blaine Tech for Parsons	<100	---	---	---	<100	1.7	---	---	---	<0.50	<0.50	5.5 J	---	---	---
GW-16(6")	04/12/11	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	76	<2	<2	<2
GW-16(6")	10/09/13	Parsons	<100	---	1300 HD	---	---	1	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	04/17/14	Parsons	<100	---	<98	---	---	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	11/03/14	SGI	2500	---	250	---	---	58	6	88	470	<0.50	<2	<10	<2	<2	<2
GW-16(6")	04/21/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-16(6")	10/21/15	SGI	100	---	<100	---	---	7.1	<0.50	7.4	26	<0.50	<2	<10	<2	<2	<2
GW-16(6")	04/13/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	2.3	<0.50	<1	<10	<2	<2	<2
GW-16(6")	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	10/03/17	TSGS	<100	---	<100	---	---	2.2	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	04/17/18	TSGS	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	11/09/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	04/16/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	10/30/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	10/21/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/05/21	SGI	<100	---	160	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GWR-1	11/26/96	Terra Services	---	---	---	---	---	1500	21	150	102	<5	2700	---	---	---	---
GWR-1	07/16/97	Terra Services	1300	---	920	---	---	220	<5	360	28.8	<5	1800	---	---	---	---
GWR-1	01/09/98	Terra Services	210	---	<500	---	---	2.9	<0.50	40	240	<0.50	330	---	---	---	---
GWR-1	05/27/98	Terra Services	4100	---	---	---	---	960	90	90	240	<0.50	630	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GWR-1	11/17/98	Alton Geoscience	3830	3320	---	---	---	1200	74	99	387	<25	1070	---	---	---	---
GWR-1	05/07/99	Alton Geoscience	4200	---	530	---	---	1600	22	96	290	<13	910	---	---	---	---
GWR-1	11/18/99	Secor	1300	800	---	---	---	220	<10	14	14	<10	690	---	---	---	---
GWR-1	05/16/00	Secor	880	1400	---	---	---	160	<10	16	16	6.1	550	---	---	---	---
GWR-1	11/30/00	Secor	3200	5300	---	---	---	1600	8.6	87	33	<0.50	360	---	---	---	---
GWR-1	05/08/01	Secor	4400	6900	---	---	---	1800	170	160	235	<10	370	---	---	---	---
GWR-1	11/06/01	Secor	2300	710	---	---	---	240	13	31	56	<0.50	2400	---	---	---	---
GWR-1	04/09/02	Secor	2500	1000	---	---	---	580	<10	18	57	<10	4000	---	---	---	---
GWR-1	10/23/02	Secor	1900	1900	---	---	---	270	<10	<10	<10	<10	2500	---	---	---	---
GWR-1	10/07/03	Secor	1400	500	---	---	---	150	1.7	7.5	19.7	110	1300	---	---	---	---
GWR-1	05/06/05	Secor	16000	39000	---	---	---	260	610	460	2060	<5	11	---	---	---	---
GWR-1	08/01/05	Secor	8300	3800	---	---	---	1700	490	370	1110	<20	25	---	---	---	---
GWR-1	05/04/06	Secor	3700	1900	---	---	---	980	23	120	343	<10	19	---	---	---	---
GWR-1	09/18/06	Secor	960	880	---	---	---	220	4.4	19	63.6	<2	5.4	---	---	---	---
GWR-1	05/02/07	Secor	750	720	---	---	---	170	1.3	12	<1	<2	4.1	---	---	---	---
GWR-1	04/17/08	Secor	3600	1500	---	---	---	1700	17	87	60	<30	21	---	---	---	---
GWR-1	04/20/09	Blaine Tech for AMEC GMX	5100	1700	---	---	---	3000	<15	48	<15	<30	31	<300	30	<30	<30
GWR-1	05/27/10	Blaine Tech	2100	1100	---	---	---	800	9.5	16	34	<10	23	<100	27	<10	<10
GWR-1	04/13/11	Blaine Tech	1300	2300	---	---	---	490	43	31	54	<5	4.1	160	5.2	<5	<5
GWR-1	04/20/12	CH2M Hill	450	---	230	---	---	84	<1	4.8	<1	<2	3.4	<20	4.9	<2	<2
GWR-1	10/18/12	CH2M Hill	440	---	240	---	---	140	2.2	<1.5	1.5	<3	8.6	68	15	<3	<3
GWR-1	04/11/13	CH2M Hill	<500	---	330	---	---	<2.5	<2.5	<2.5	<2.5	<5	9.1	68	13	<5	<5
GWR-1	10/11/13	CH2M Hill	<200	---	220	---	---	<1	<1	<1	<1	<2	6.7	120	12	<2	<2
GWR-1	04/17/14	CH2M Hill	130	---	90	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	180	10	<1	<1
GWR-1	10/30/14	CH2M Hill	<100	---	1000	---	---	<0.50	<0.50	<0.50	<0.50	<1	8.9	54	5.3	<1	<1
GWR-1R	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.72	<0.50	93	4.7	<1	<1
GWR-1R	10/05/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.96	<0.50	76	5.2	<1	<1
GWR-1R	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	0.52	90	5.7	<1	<1
GWR-1R	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	61	3.3	<1	<1
GWR-1R	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	28	1.4	<1	<1
GWR-1R	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	05/11/20	Jacobs	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	11/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GWR-3	10/08/10	Blaine Tech	21000	<29000	---	---	---	10000	<100	<100	<100	<200	400	<2000	<200	<200	<200
GWR-3	04/13/11	Blaine Tech	25000	36000	---	---	---	11000	<50	<50	<50	<100	300	<1000	<100	<100	<100
GWR-3	10/13/11	CH2M Hill	<20000	6600	---	---	---	9100	<100	<100	<100	<200	280	<2000	<200	<200	<200
HL-2	11/27/96	Terra Services	---	---	---	---	---	2600	100	560	390	170	3000	---	---	---	---
HL-2	07/16/97	Terra Services	1400	---	530	---	---	200	1.2	150	13.3	74	810	---	---	---	---
HL-2	01/09/98	Terra Services	150	---	---	---	---	<0.50	0.79	3.5	<1.5	40	570	---	---	---	---
HL-2	01/12/98	Terra Services	---	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
HL-2	05/27/98	Terra Services	500	---	---	---	---	72	9	6	42	60	308	---	---	---	---
HL-2	11/17/98	Alton Geoscience	<300	<100	---	---	---	0.95	<0.50	<0.50	0.6	0.94	13.8	---	---	---	---
HL-2	05/07/99	Alton Geoscience	<500	---	<500	---	---	1.8	5.1	<0.50	1.8	<1	4.8	---	---	---	---
HL-2	11/19/99	Secor	<300	<100	---	---	---	2	<0.50	<0.50	<0.50	2.6	36	---	---	---	---
HL-2	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	14	---	---	---	---
HL-2	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	---	---	---	---
HL-2	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.3	---	---	---	---
HL-2	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
HL-2	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
HL-2	07/08/03	Geomatrix	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
HL-2	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	---	---	---	---
HL-2	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.9	---	---	---	---
HL-2	07/08/04	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	---	---	---	---
HL-2	05/06/05	Secor	280	<100	---	---	---	78	<0.50	<0.50	1.2	15	130	---	---	---	---
HL-2	11/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.8	---	---	---	---
HL-2	05/09/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
HL-2	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	11/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	---	---	---	---
HL-2	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/20/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1	<1	<1
HL-2	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
HL-2	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.61	<0.50	0.88	<10	<1	<1	<1
HL-2	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/13/16	CH2M	<50	---	63	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/05/17	CHHL	<50	---	270	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/19/18	CHHL	<50	---	72	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	11/01/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/12/20	Jacobs	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	11/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/06/21	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	300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	110	---	---	---
HL-3	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	93	---	---	---
HL-3	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	77	---	---	---
HL-3	10/23/02	Secor	<300	360	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	85	---	---	---	---
HL-3	10/07/03	Secor	80	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	67	---	---	---	---
HL-3	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-3	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-3	05/02/07	Secor	81	290	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	38	---	---	---	---
HL-3	04/17/08	Secor	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
HL-3	04/20/09	Blaine Tech for AMEC GMX	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
HL-3	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
HL-3	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/16/14	CH2M Hill	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/30/14	CH2M Hill	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
HL-3	04/22/15	CH2M Hill	<50	---	70	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<10	<1	<1	<1
HL-3	10/23/15	CH2M	<50	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	03/14/16	CH2M	130	---	130	---	---	1.1	2.8	7.1	27	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/13/16	CH2M	<50	---	100	---	---	<0.50	<0.50	0.8	3	<0.50	<0.50	<10	<1	<1	<1
HL-3	06/29/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
HL-3	10/06/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/05/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	11/09/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-4	11/25/96	Terra Services	---	---	---	---	---	<10	3.2	350	8.5	<3	1200	---	---	---	---
HL-4	07/16/97	Terra Services	270	---	<500	---	---	76	<1	<1	16.5	33	1500	---	---	---	---
HL-4	01/08/98	Terra Services	590	---	660	---	---	170	13	7.1	5	90	2300	---	---	---	---
HL-4	05/27/98	Terra Services	1100	---	---	---	---	156	26	15	120	28	440	---	---	---	---
HL-4	11/17/98	Alton Geoscience	2030	1380	---	---	---	700	76.2	20	107.8	<0.50	904	---	---	---	---
HL-4	05/07/99	Alton Geoscience	2800	---	<500	---	---	1100	31	130	84	<6	1500	---	---	---	---
HL-4	11/18/99	Secor	2500	1100	---	---	---	720	<10	<10	118	<10	520	---	---	---	---
HL-4	05/16/00	Secor	1200	1000	---	---	---	300	<10	<10	29	51	740	---	---	---	---
HL-4	11/29/00	Secor	1900	1200	---	---	---	26	<10	<10	<10	<10	89	2800	---	---	---
HL-4	05/08/01	Secor	1700	1100	---	---	---	39	<0.50	0.5	1.7	27	3300	---	---	---	---
HL-4	11/06/01	Secor	950	140	---	---	---	97	<0.50	<0.50	0.9	<0.50	930	---	---	---	---
HL-4	04/09/02	Secor	1600	230	---	---	---	940	<5	<5	35	<5	200	---	---	---	---
HL-4	10/23/02	Secor	<300	320	---	---	---	8.5	<5	<5	<5	<5	1100	---	---	---	---
HL-4	04/08/03	Secor	1500	<100	---	---	---	2.8	<2.5	<2.5	<2.5	36	2200	---	---	---	---
HL-4	10/07/03	Secor	690	110	---	---	---	140	<1	<1	<1	<2	480	---	---	---	---
HL-4	04/21/04	Secor	340	<100	---	---	---	39	<0.50	<0.50	<0.50	<1	370	---	---	---	---
HL-4	11/03/04	Secor	200	120	---	---	---	54	<0.50	<0.50	<0.50	<0.50	13	---	---	---	---
HL-5	07/14/97	Terra Services	950	---	3200	---	---	---	---	---	---	---	---	---	---	---	---
HP-1	08/07/97	GTI	---	---	---	170	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-2	08/07/97	GTI	---	---	---	130	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-3	08/07/97	GTI	---	---	---	<50	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-6	08/08/97	GTI	---	---	---	230	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-8	08/08/97	GTI	---	---	---	35000	---	11000	12000	1200	7300	<500	<500	---	---	---	---
MW-6	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	130	70	---	---	---	---
MW-6	07/16/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	32	62	---	---	---	---
MW-6	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	11	39	---	---	---	---
MW-6	05/26/98	Terra Services	<300	---	---	---	---	<2.5	<2.5	<2.5	<5	118	107	---	---	---	---
MW-6	11/17/98	Alton Geoscience	<300	<100	---	---	---	4.8	11.6	1.5	9.9	9.2	12.7	---	---	---	---
MW-6	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	1.5	<0.50	<0.50	83	120	---	---	---	---
MW-6	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	18	---	---	---	---
MW-6	05/19/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	12	---	---	---	---
MW-6	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	12	3	---	---	---	---
MW-6	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.8	11	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-6	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	6.2	---	---	---	---
MW-6	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.6	6	---	---	---	---
MW-6	10/24/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.4	4.6	---	---	---	---
MW-6	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.4	3.2	---	---	---	---
MW-6	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.1	2.5	---	---	---	---
MW-6	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.9	2.8	---	---	---	---
MW-6	11/05/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4	4	---	---	---	---
MW-6	05/05/05	Secor	89	100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	61	---	---	---	---
MW-6	11/03/05	Secor	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	9.9	30	---	---	---	---
MW-6	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	2.5	---	---	---	---
MW-6	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.1	2.7	---	---	---	---
MW-6	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4	2.5	---	---	---	---
MW-6	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.4	2.3	---	---	---	---
MW-6	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.2	2.7	---	---	---	---
MW-6	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	4	---	---	---	---
MW-6	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	0.69	<10	<1	<1	<1
MW-6	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1	<10	<1	<1	<1
MW-6	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.9	<10	<1	<1	<1
MW-6	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	2	<10	<1	<1	<1
MW-6	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	2.3	<10	<1	<1	<1
MW-6	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.2	1	<10	<1	<1	<1
MW-6	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.86	<0.50	<10	<1	<1	<1
MW-6	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-6	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	<10	<1	<1	<1
MW-6	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.82	0.51	<10	<1	<1	<1
MW-6	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.58	0.55	<10	<1	<1	<1
MW-6	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.51	0.67	<10	<1	<1	<1
MW-6	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<1	<1	<1
MW-6	10/23/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.99	1.9	5.7	<10	1.1	<1	<1
MW-6	04/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.72	1.2	<10	<1	<1	<1
MW-6	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.96	1.2	<10	<1	<1	<1
MW-6	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.99	2.2	<10	<1	<1	<1
MW-6	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	14	2	<10	1.3	<1	<1
MW-6	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.5	3.6	<10	2.3	<1	<1
MW-6	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.3	1.6	<10	<1	<1	<1
MW-6	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.1	1.8	<10	<1	<1	<1
MW-6	10/29/19	Jacobs	<50	---	67	---	---	<0.50	<0.50	<0.50	<0.50	2.7	0.76	<10	<1.0	<1.0	<1.0
MW-6	05/07/20	Jacobs	<50	---	51	---	---	<0.50	<0.50	<0.50	<0.50	2.5	0.75	<10	<1.0	<1.0	<1.0
MW-6	11/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.6	0.51	<10	<1.0	<1.0	<1.0
MW-6	05/05/21	Jacobs	<50	---	53	---	---	<0.50	<0.50	<0.50	<0.50	0.76	<0.50	<10	<1.0	<1.0	<1.0
MW-7	11/25/96	Terra Services	---	---	---	---	---	3.5	<1	16	<3	6.8	1000	---	---	---	---
MW-7	07/14/97	Terra Services	540	---	<500	---	---	88	<3	<3	<3	<3	790	---	---	---	---
MW-7	01/08/98	Terra Services	150	---	<500	---	---	9	<0.50	<0.50	<1.5	4.1	400	---	---	---	---
MW-7	05/26/98	Terra Services	400	---	---	---	---	<5	<5	<5	7	10	380	---	---	---	---
MW-7	11/17/98	Alton Geoscience	<300	<100	---	---	---	5.4	7	<5	<5	<5	351	---	---	---	---
MW-7	05/07/99	Alton Geoscience	<500	---	<500	---	---	0.79	2.2	<0.50	0.71	6.8	540	---	---	---	---
MW-7	11/16/99	Secor	540	<100	---	---	---	8.5	<0.50	<0.50	<0.50	4.7	670	---	---	---	---
MW-7	05/17/00	Secor	590	880	---	---	---	<5	<5	<5	<5	14	900	---	---	---	---
MW-7	11/30/00	Secor	590	320	---	---	---	4.1	<0.50	<0.50	<0.50	5.4	640	---	---	---	---
MW-7	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.1	36	---	---	---	---
MW-7	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.4	8.2	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-7	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	71	---	---	---	---
MW-7	10/23/02	Secor	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	2	5	---	---	---	---
MW-7	04/10/03	Secor	57	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	1.3	---	---	---	---
MW-7	10/07/03	Secor	67	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.2	---	---	---	---
MW-7	04/21/04	Secor	62	120	---	---	---	<0.50	<0.50	<0.50	<0.50	0.68	1.4	---	---	---	---
MW-7	11/03/04	Secor	58	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	---	---	---	---
MW-7	05/06/05	Secor	58	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.82	---	---	---	---
MW-7	11/03/05	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
MW-7	05/03/06	Secor	<50	<110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-7	12/06/06	Secor	<50	270	---	---	---	<0.50	<0.50	<0.50	<0.50	0.65	1.5	---	---	---	---
MW-7	05/02/07	Secor	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	0.83	---	---	---	---
MW-7	11/13/07	Secor	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	0.57	0.83	---	---	---	---
MW-7	04/17/08	Secor	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
MW-7	10/17/08	Stantec	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	0.94	---	---	---	---
MW-7	04/20/09	Blaine Tech for AMEC GMX	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	0.6	<10	2.9	<1	<1
MW-7	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	0.56	<10	2	<1	<1
MW-7	05/26/10	Blaine Tech	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	0.87	<0.50	<10	5.5	<1	<1
MW-7	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	0.64	260	9.3	<1	<1
MW-7	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	98	6	<1	<1
MW-7	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.99	<0.50	25	1.5	<1	<1
MW-7	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1	<1	<1
MW-7	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	<10	<1	<1	<1
MW-7	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1	<1	<1
MW-7	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1	<1	<1
MW-7	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.82	<0.50	<10	<1	<1	<1
MW-7	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-7	10/23/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	<10	<1	<1	<1
MW-7	04/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.78	<0.50	<10	<1	<1	<1
MW-7	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.77	<0.50	<10	<1	<1	<1
MW-7	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-7	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	<10	<1	<1	<1
MW-7	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.94	<0.50	<10	<1	<1	<1
MW-7	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	10/29/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	11/26/96	Terra Services	---	---	---	---	---	4400	<30	<30	<80	<30	26000	---	---	---	---
MW-8	07/17/97	Terra Services	<100	---	520	---	---	<10	<10	<10	<20	<10	11000	---	---	---	---
MW-8	01/02/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	14	---	---	---	---
MW-8	05/20/98	Terra Services	400	---	---	---	---	<2.5	<2.5	<2.5	<5	<2.5	554	---	---	---	---
MW-8	11/17/98	Alton Geoscience	<300	<100	---	---	---	2.4	6	0.8	4.6	<0.50	55.6	---	---	---	---
MW-8	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	52	---	---	---	---
MW-8	11/18/99	Secor	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.2	---	---	---	---
MW-8	05/17/00	Secor	<300	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3	---	---	---	---
MW-8	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	15	---	---	---	---
MW-8	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	380	---	---	---	---
MW-8	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	430	---	---	---	---
MW-8	09/19/01	Secor	790	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1000	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-8	01/30/02	Secor	1700	<100	---	---	---	<10	<10	<10	<10	<10	1900	---	---	---	---
MW-8	04/10/02	Secor	1500	<100	---	---	---	11	<10	<10	<10	<10	2200	---	---	---	---
MW-8	10/22/02	Secor	<300	<100	---	---	---	150	<10	11.5	<10	<10	750	---	---	---	---
MW-8	01/29/03	Secor	<300	<100	---	---	---	<1	<1	<1	<1	<1	190	---	---	---	---
MW-8	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	28	---	---	---	---
MW-8	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	13	---	---	---	---
MW-8	10/06/03	Secor	79	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
MW-8	01/28/04	Secor	100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	---	---	---	---
MW-8	04/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	---	---	---	---
MW-8	07/19/04	Secor	80	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---
MW-8	11/02/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-8	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	---	---	---	---
MW-8	05/04/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
MW-8	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	---	---	---	---
MW-8	11/01/05	Secor	110	270	---	---	---	<0.50	<0.50	<0.50	4.2	<0.50	0.6	---	---	---	---
MW-8	02/27/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.65	---	---	---	---
MW-8	05/02/06	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.1	---	---	---	---
MW-8	09/19/06	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.6	---	---	---	---
MW-8	12/06/06	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.61	---	---	---	---
MW-8	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-8	05/04/07	Secor	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
MW-8	08/29/07	Secor	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
MW-8	11/13/07	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.9	---	---	---	---
MW-8	02/07/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
MW-8	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
MW-8	10/14/08	Stantec	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.59	---	---	---	---
MW-8	04/23/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	2000	<1	<1	<1
MW-8	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.69	570	<1	<1	<1
MW-8	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<10	<1	<1	<1
MW-8	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<1600	<1	<1	<1
MW-8	04/13/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1100	<1	<1	<1
MW-8	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	970	<1	<1	<1
MW-8	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	71	<1	<1	<1
MW-8	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	220	<1	<1	<1
MW-8	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/30/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<1	<1	<1
MW-8	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	<10	<1	<1	<1
MW-8	10/23/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1	<1	<1
MW-8	04/14/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1	<1	<1
MW-8	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	11/08/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/31/19	Jacobs	1200	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	11/04/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	05/04/21	Jacobs	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-9	11/26/96	Terra Services	---	---	---	---	---	18	<0.50	69	1.6	<0.50	<5	---	---	---	---
MW-9	07/17/97	Terra Services	1400	---	2900	---	---	40	<1	140	21.5	<1	<10	---	---	---	---
MW-9	01/08/98	Terra Services	1100	---	570	---	---	19	0.74	55	2.4	<0.50	<5	---	---	---	---
MW-9	05/26/98	Terra Services	4700	---	---	---	---	69	<0.30	51	97.2	<2.5	10	---	---	---	---
MW-9	11/18/99	Secor	1800	4500	---	---	---	24	<0.50	2.7	2	<0.50	<0.50	---	---	---	---
MW-9	05/19/00	Secor	1300	3900	---	---	---	12	<0.50	0.8	0.5	<0.50	1.8	---	---	---	---
MW-9	11/05/04	Secor	2500	21000	---	---	---	27	<0.50	0.84	0.52	<1	52	---	---	---	---
MW-9	05/06/05	Secor	780	3300	---	---	---	2.3	<1	25	<1	<2	110	---	---	---	---
MW-9	11/01/05	Secor	1700	5400	---	---	---	9.3	<1	4.7	5.3	<2	120	---	---	---	---
MW-9	05/04/06	Secor	1000	10000	---	---	---	13	<0.50	2.2	1.4	<1	140	---	---	---	---
MW-9	12/08/06	Secor	1400	14000	---	---	---	16	<0.50	<0.50	<0.50	<0.50	160	---	---	---	---
MW-9	05/04/07	Secor	1700	610000	---	---	---	9.2	<0.50	0.5	<0.50	<1	130	---	---	---	---
MW-9	04/18/08	Secor	2500	11000	---	---	---	51	<1	1.7	1.9	<2	16	---	---	---	---
MW-9	10/14/08	Stantec	1600	4700	---	---	---	27	<1	<1	<1	<2	26	---	---	---	---
MW-9	04/23/09	Blaine Tech for AMEC GMX	1600	11000	---	---	---	33	<2.5	<2.5	<2.5	<5	6.2	130	<5	<5	<5
MW-9	05/27/10	Blaine Tech	1600	11000	---	---	---	24	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/07/10	Blaine Tech	2400	<12000	---	---	---	23	<2	<2	<2	<4	3.3	50	<4	<4	<4
MW-9	04/14/11	Blaine Tech	1400	28000	---	---	---	18	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/12/11	CH2M Hill	1200	8700	---	---	---	17	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-9	04/20/12	CH2M Hill	2200	---	4500	---	---	20	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/17/12	CH2M Hill	1200	---	2500	---	---	9.1	<2.5	<2.5	<2.5	<5	3.7	<50	<5	<5	<5
MW-9	04/11/13	CH2M Hill	870	---	4400	---	---	4.8	<2.5	<2.5	<2.5	<5	4.5	<50	<5	<5	<5
MW-9	10/10/13	CH2M Hill	1200	---	2100	---	---	4.2	<1	<1	<1	<2	11	45	<2	<2	<2
MW-9	04/17/14	CH2M Hill	1100	---	2500	---	---	<2.5	<2.5	<2.5	<2.5	<5	13	150	<5	<5	<5
MW-9	10/30/14	CH2M Hill	<500	---	2600	---	---	<2.5	<2.5	<2.5	<2.5	<5	6.7	51	<5	<5	<5
MW-9	04/23/15	CH2M Hill	660	---	2900	---	---	5	3.6	2.6	24	<5	6.4	83	<5	<5	<5
MW-9	10/26/15	CH2M	420	---	1600	---	---	<0.50	<0.50	<0.50	<0.50	<1	5.8	40	<1	<1	<1
MW-9	04/14/16	CH2M	260	---	1100	---	---	1.7	<0.50	<0.50	<0.50	<0.50	1.8	30	<1	<1	<1
MW-9	10/05/16	CH2M	85	---	280	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	22	<1	<1	<1
MW-9	04/19/17	CH2M	99	---	600 J	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	20	<1	<1	<1
MW-9	10/05/17	CHHL	<100	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.6	22	<1	<1	<1
MW-9	04/19/18	CHHL	66	---	250	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	15	<1	<1	<1
MW-9	11/09/18	CHHL	<50	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	14	<1	<1	<1
MW-9	04/18/19	CHHL	<100	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.67	<10	<1	<1	<1
MW-9	10/30/19	Jacobs	<50	---	280	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	05/08/20	Jacobs	<50	---	320	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1.0	<1.0	<1.0
MW-9	11/06/20	Jacobs	<100	---	360	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	0.59	<10	<1.0	<1.0	<1.0
MW-9	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-10	11/21/96	GSI	<38	---	<500	<500	---	<0.50	<0.50	5.1	2.3	<0.50	---	---	---	---	---
MW-10	07/09/97	GTI	<50	---	170	<50	---	<0.50	<1	2	<2	---	---	---	---	---	---
MW-10	01/06/98	GTI	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/20/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/04/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/27/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/16/00	IT Corporation	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/29/00	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	2.4	---	<5	---	---	---	---
MW-10	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	04/14/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-11	12/01/00	IT Corporation	<300	290	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-11	05/10/01	IT Corporation	<300	180	---	---	---	1	<0.30	0.61	<0.60	---	13	---	---	---	---
MW-11	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-11	04/10/02	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	19	---	---	---	---
MW-11	04/14/03	GTI	---	6120	---	---	---	83.6	1.54	58.8	51	---	<3	---	---	---	---
MW-11	10/10/03	Blaine Tech for Parsons	---	1000	---	---	---	<0.30	<0.30	0.42	0.95	---	12	---	---	---	---
MW-11	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	6.4	---	---	---	---
MW-11	11/06/04	Blaine Tech for Parsons	---	1300	---	---	---	2.3	<0.30	0.64	5.9	---	8.1	---	---	---	---
MW-11	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	0.34	0.61	<0.30	0.6	---	13	---	---	---	---
MW-11	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	0.33	<0.30	<0.30	0.69	---	37	---	---	---	---
MW-11	05/05/06	Blaine Tech for Parsons	---	2300	---	---	---	1.6	3.4	3.4	6.9	---	11	---	---	---	---
MW-11	12/08/06	Blaine Tech for Parsons	---	740	---	---	---	3.1	<0.50	<0.50	<1	---	20	---	---	---	---
MW-11	05/03/07	Blaine Tech for Parsons	---	1300	---	---	---	4.3	<0.50	0.86	1.1	---	43	---	---	---	---
MW-11	11/14/07	Blaine Tech for Parsons	---	450	---	---	---	<0.50	<0.50	<0.50	<1	---	18	---	---	---	---
MW-11	04/18/08	Blaine Tech for Parsons	---	1100	---	---	---	<0.50	<0.50	1	1.5	---	<5	---	---	---	---
MW-11	10/17/08	Blaine Tech for Parsons	---	---	---	---	880	<0.50	<0.50	<0.50	<0.50	<0.50	12	<10	<2	<2	<2
MW-11	04/24/09	Blaine Tech for Parsons	---	---	---	---	520	<0.50	<0.50	<0.50	<0.50	<0.50	8.7	<10	<2	<2	<2
MW-11	10/22/09	Blaine Tech for DESC	---	---	---	---	670	<0.50	<0.50	<0.50	<0.50	<0.50	3.9	<10	<2	<2	<2
MW-11	04/14/10	Blaine Tech for DESC	---	---	---	---	700	<0.50	<0.50	0.58	<0.50	---	3.8	<10	<2	<2	<2
MW-11	04/19/12	Parsons	220	---	---	---	710	<0.50	<0.50	<0.50	0.31 J	<0.50	<0.50	<10	<2	<2	<2
MW-11	07/10/12	Parsons	---	---	---	---	780	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-12	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.10	<0.50	---	---	---	---
MW-12	11/11/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/07/99	Alton Geoscience	<500	---	<500	---	---	1.2	4.8	<0.50	2.1	<1	<0.50	---	---	---	---
MW-12	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/19/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/30/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/07/01	IT Corporation	<300	<100	---	---	---	1.3	1.1	<0.50	0.7	<0.50	<0.50	---	---	---	---
MW-12	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	10/24/02	Secor	<300	2800	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/22/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/05/04	Secor	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/14/07	Secor	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/17/08	Secor	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	10/21/08	Stantec	<50	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/22/09	Blaine Tech for AMEC GMX	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/21/09	Blaine Tech for Parsons	<50	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/18/12	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-12	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/09/13	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	11/06/15	CH2M	<50	---	61	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/04/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/29/19	Jacobs	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	05/12/20	Jacobs	<50	---	61	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	11/05/20	Jacobs	<50	---	83	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	05/06/21	Jacobs	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-13	11/22/96	GSI	1100	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	---	---	---	---	---
MW-13	07/09/97	GTI	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
MW-13	01/06/98	GTI	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	05/20/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	05/26/99	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	11/18/99	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	05/17/00	IT Corporation	<300	20000	---	---	---	<0.30	1.2	<0.30	0.91	---	---	---	---	---	---
MW-13	11/29/00	IT Corporation	<300	410	---	---	---	<0.30	<0.30	<0.30	0.89	---	<5	---	---	---	---
MW-13	03/30/01	IT Corporation	---	<50	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-13	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-13	11/07/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	14	---	---	---	---
MW-13	04/10/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-13	10/23/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
MW-13	04/09/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-13	10/08/03	Blaine Tech for Parsons	---	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-13	04/21/04	Blaine Tech for Parsons	---	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/03/04	Blaine Tech for Parsons	---	320	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/05/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/05/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/03/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	12/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/02/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/16/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/15/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/20/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/22/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/19/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/06/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-13	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-13	04/09/13	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	<0.50	<2	<10	<2	<2	<2
MW-13	04/28/15	SGI	<100	---	<100	---	---	0.63	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-13	10/22/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-13	04/12/16	SGI	<100	---	<100	---	---	0.95	<0.50	2	6.2	<0.50	<1	<10	<2	<2	<2
MW-13	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	10/03/17	TSGS	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	04/17/18	TSGS	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	11/09/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1J	<10	<2	<2J	<2J
MW-13	04/16/19	TSGS	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	10/29/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	05/05/20	SGI	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	10/22/20	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	05/05/21	SGI	<100	---	230	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-14	11/21/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	99	---	---	---	---
MW-14	07/09/97	GTI	<50	---	200	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-14	01/06/98	GTI	<500	---	<100	800	---	107	<0.50	4	10	2	15	---	---	---	---
MW-14	05/20/98	BBC	400	---	---	---	---	24	<0.50	7	14	<0.50	12	---	---	---	---
MW-14	08/26/98	Geomatrix	<300	---	367	---	---	<0.50	<0.50	0.7	2.1	<0.50	109	---	---	---	---
MW-14	11/04/98	GTI	<300	---	361	---	---	<0.50	2.8	4.8	24.6	<0.50	48.6	---	---	---	---
MW-14	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	86	---	---	---	---
MW-14	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	0.53	<1	450	---	---	---	---
MW-14	05/26/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.70	1.1	<0.50	230	---	---	---	---
MW-14	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	2.9	110	---	---	---	---
MW-14	11/18/99	IT Corporation	<300	<100	---	---	---	<2.5	<5	<5	<5	12	26	---	---	---	---
MW-14	02/29/00	Secor	<300	420	---	---	---	<0.50	<0.50	<0.50	<0.50	36	15	---	---	---	---
MW-14	05/16/00	IT Corporation	<300	370	---	---	---	<0.50	<0.50	<0.50	1.4	42	7.7	---	---	---	---
MW-14	08/29/00	Secor	<300	3800	---	---	---	<0.50	<0.50	<0.50	0.6	38	9.6	---	---	---	---
MW-14	11/29/00	IT Corporation	<300	130	---	---	---	<0.50	<0.50	0.5	0.9	15	18	---	---	---	---
MW-14	02/06/01	Secor	<300	230	---	---	---	<0.50	<0.50	<0.50	0.5	11	13	---	---	---	---
MW-14	05/09/01	IT Corporation	<300	310	---	---	---	<0.50	<0.50	1.8	7.4	32	8.2	---	---	---	---
MW-14	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	1.1	23	15	---	---	---	---
MW-14	11/07/01	IT Corporation	<300	190	---	---	---	<0.50	<0.50	0.8	2.3	29	10	---	---	---	---
MW-14	01/30/02	Secor	<300	450	---	---	---	<0.50	<0.50	<0.50	1.5	8.1	25	---	---	---	---
MW-14	04/10/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	2.7	6.4	4.1	24	---	---	---	---
MW-14	07/30/02	IT Corporation	<300	500	---	---	---	<0.50	<0.50	0.98	2.4	3.9	25	---	---	---	---
MW-14	10/23/02	GTI	<300	300	---	---	---	<0.50	<1	<1	<1	4.3	22	---	---	---	---
MW-14	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.67	5.9	17	---	---	---	---
MW-14	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.84	16.8	---	---	---	---
MW-14	10/10/03	Blaine Tech for Parsons	---	580	---	---	---	<0.50	<0.50	1.2	4.03	7.4	19	---	---	---	---
MW-14	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	0.89	4.7	19	<10	<2	<2	<2
MW-14	07/21/04	Blaine Tech for Parsons	250	290	---	---	---	<0.50	<0.50	0.61	1.4	---	22	---	---	---	---
MW-14	11/04/04	Blaine Tech for Parsons	---	610	---	---	---	<0.50	<0.50	<0.50	<0.50	5.6	19	<10	<2	<2	<2
MW-14	03/02/05	Blaine Tech for Parsons	---	320	---	---	---	<0.50	<1	<1	<1	---	14	---	---	---	---
MW-14	05/07/05	Blaine Tech for Parsons	---	430	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	9.3	22	<2	<2	<2
MW-14	11/08/05	Blaine Tech for Parsons	---	2200	---	---	---	6.5	<0.50	1.3	3.6	1	3.6	32	<2	<2	<2
MW-14	05/03/06	Blaine Tech for Parsons	---	2600	---	---	---	<0.50	<0.50	<0.50	<0.50	0.78	4.2	31	<2	<2	<2
MW-14	07/28/06	Blaine Tech for Parsons	290	4300	---	---	---	<0.50	<0.50	<0.50	<0.50	0.83	4.2	31	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-14	12/06/06	Blaine Tech for Parsons	---	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	0.98	3.3	20	<2	<2	<2
MW-14	03/23/07	Blaine Tech for Parsons	670	3400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.5	29	<2	<2	<2
MW-14	05/03/07	Blaine Tech for Parsons	---	3100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.6	<10	<2	<2	<2
MW-14	08/31/07	Blaine Tech for Parsons	480	2800	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	27	<2	<2	<2
MW-14	11/15/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.97	4	20	<2	<2	<2
MW-14	02/07/08	Blaine Tech for Parsons	180	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.86	5.2	28	<2	<2	<2
MW-14	04/17/08	Blaine Tech for Parsons	---	1700	---	---	---	<0.50	<0.50	<0.50	<0.50	1.2	4.6	32	<2	<2	<2
MW-14	10/16/08	Blaine Tech for Parsons	---	---	---	---	570	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	10	<2	<2	<2
MW-14	02/12/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.1	1.6	<10	<2	<2	<2
MW-14	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	16	1.9	<10	<2	<2	<2
MW-14	07/20/09	Blaine Tech for AMEC GMX	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	13	1.5	<10	2.4	<2	<2
MW-14	10/22/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	16	2.5	<10	3	<2	<2
MW-14	01/12/10	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	13	2.7	4.2 J	3.2	<2	<2
MW-14	04/13/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.4 J	4.3	<10	<2	<2	<2
MW-14	10/04/10	Blaine Tech for Parsons	---	---	---	---	100	<0.50	---	---	---	0.99	3.4	<10	---	---	---
MW-14	01/10/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<2	<2	<2
MW-14	04/13/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	3	<10	<2	<2	<2
MW-14	07/11/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.48 J	11	<2	<2	<2
MW-14	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	2.1	2.7	<10	0.83 J	<2	<2
MW-14	01/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	3.3	3.6	<10	0.83 J	<2	<2
MW-14	04/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	6.6	0.78	<10	1.2 J	<2	<2
MW-14	07/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	0.72	<10	1.1 J	<2	<2
MW-14	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7	1.9	<10	1.3 J	<2	<2
MW-14	01/14/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	10	0.93	<10	1.7 J	<2	<2
MW-14	04/10/13	Parsons	---	---	120 b	---	---	<0.50	<0.50	<0.50	<0.50	12	1.4	<10	2.4	<2	<2
MW-14	04/29/15	SGL	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	5.4	<2	<10	<2	<2	<2
MW-14	10/23/15	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	7.5	<2	<10	<2	<2	<2
MW-14	10/04/16	SGL	<100	---	<100	---	---	1.3	<0.50	<0.50	<1	6.3	<1	<10	<2	<2	<2
MW-14	04/19/17	SGL	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-15	11/26/96	Terra Services	---	---	---	---	---	1.4	0.66	1	0.62	<0.50	27	---	---	---	---
MW-15	07/14/97	Terra Services	1000	---	3500	---	---	1.5	1.1	<0.50	<1	<0.50	<5	---	---	---	---
MW-15	01/07/98	Terra Services	<500	---	1500	---	---	0.62	0.73	<0.50	<1.5	<0.50	<5	---	---	---	---
MW-15	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	0.7	<1	<0.50	---	---	---	---
MW-15	11/13/98	Alton Geoscience	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	05/07/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
MW-15	11/17/99	Secor	<300	910	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	05/16/00	Secor	340	1200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	11/30/00	Secor	2100	1700	---	---	---	<0.50	0.8	<0.50	1.1	<0.50	<0.50	---	---	---	---
MW-15	05/09/01	Secor	<300	690	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	11/06/01	Secor	<300	740	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
MW-15	04/10/02	Secor	59000	21000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	07/30/02	IT Corporation	780	550000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	12/08/06	Secor	420	6400	---	---	---	<0.50	<0.50	<0.50	1	<0.50	0.6	---	---	---	---
MW-15	05/04/07	Secor	<500	6100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
MW-15	10/05/10	Blaine Tech	1100	<47000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/14/11	Blaine Tech	1900	220000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/12/11	CH2M Hill	590	66000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/27/12	CH2M Hill	1100	---	40000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/19/12	CH2M Hill	940	---	34000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/12/13	CH2M Hill	890	---	240000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/11/13	CH2M Hill	2000	---	140000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-15	10/31/14	CH2M Hill	590	---	8300	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-15R	04/19/17	CH2M	<100	---	210	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<1	<1	<1
MW-15R	10/05/17	CHHL	<50	---	79	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1	<1	<1
MW-15R	04/19/18	CHHL	66	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
MW-15R	11/08/18	CHHL	53	---	52	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-15R	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-15R	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	05/11/20	Jacobs	78	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	11/05/20	Jacobs	130	---	220	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	05/05/21	Jacobs	<50	---	53	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-16	11/27/96	GSI	50	---	<500	<500	---	<0.50	<0.50	<0.50	1.5	140	71	---	---	---	---
MW-16	07/10/97	GTI	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-16	01/06/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-16	05/21/98	BBC	<300	---	---	---	---	<0.50	0.7	<0.50	0.6	<0.50	<0.50	---	---	---	---
MW-16	11/05/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/27/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/17/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/09/01	IT Corporation	<300	3100	---	---	---	2.6	<0.50	<0.50	0.6	<0.50	<0.50	---	---	---	---
MW-16	11/07/01	IT Corporation	<300	2100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	31	---	---	---	---
MW-16	02/01/02	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	220	---	---	---	---
MW-16	04/11/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	---
MW-16	10/23/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	14	---	---	---	---
MW-16	01/29/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.8	---	---	---	---
MW-16	04/09/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	16.2	---	---	---	---
MW-16	08/01/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
MW-16	10/11/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	100	---	---	---	---
MW-16	01/28/04	Secor	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	89	---	---	---	---
MW-16	04/21/04	Blaine Tech for Parsons	---	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	83	110	<2	<2	<2
MW-16	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	22	---	---	---	---
MW-16	11/04/04	Blaine Tech for Parsons	---	300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	120	<2	<2	<2
MW-16	02/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/06/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	05/04/06	Blaine Tech for Parsons	---	180	---	---	---	0.87	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	09/19/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	12/08/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	11/16/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/23/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/23/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/16/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/07/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-16	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/12/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-16	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	<0.50	<2	<10	<2	<2	<2
MW-16	04/24/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-16	10/20/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-16	04/12/16	SGI	<100	---	<100	---	---	1.3	<0.50	2.5	8.1	0.51	<1	<10	<2	<2	<2
MW-16	10/07/16	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	10/04/17	TSGS	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	04/18/18	TSGS	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	11/06/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	04/16/19	TSGS	<100	---	240 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	10/30/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	05/06/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	10/20/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
MW-16	05/03/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	11/27/96	GSI	45	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---	---
MW-17	07/09/97	GTI	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-17	01/06/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-17	05/20/98	BBC	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-17	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	05/26/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	0.5	---	---	---	---
MW-17	05/17/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	11/29/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	05/09/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	04/10/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	10/23/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
MW-17	04/10/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	10/08/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	04/21/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/03/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/05/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/05/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/03/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	12/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/02/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/15/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/20/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/23/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/06/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-17	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/13/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/08/13	Parsons	<100	---	110 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/14	Parsons	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-17	10/27/14	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	04/24/15	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	10/20/15	SGI	130	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	04/13/16	SGI	<100	---	<100	---	---	<0.50	<0.50	0.67	2.4	<0.50	<1	<10	<2	<2	<2
MW-17	10/04/16	SGI	<100	---	<100	---	---	<0.50	<0.50	0.5	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	10/03/17	TSGS	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/17/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	11/06/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/16/19	TSGS	<100	---	230 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	10/30/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	05/05/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	10/20/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
MW-17	05/05/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-18 (MID)	07/16/97	Terra Services	<100	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
MW-18 (MID)	01/05/98	Terra Services	420	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
MW-18 (MID)	10/08/03	Secor	530	240	---	---	---	1.2	<1	<1	<1	16	640	---	---	---	---
MW-18 (MID)	10/07/10	Blaine Tech	1100	<1000	---	---	---	290	<1.5	<1.5	<1.5	<3	12	150	11	<3	<3
MW-18 (MID)	04/13/11	Blaine Tech	4100	910	---	---	---	1900	<10	<10	11	<20	13	<200	21	<20	<20
MW-18 (MID)	10/12/11	CH2M Hill	1200	720	---	---	---	460	<2.5	<2.5	3.2	<5	4.6	82	9.3	<5	<5
MW-18 (MID)	04/20/12	CH2M Hill	<200	---	330	---	---	<1	<1	<1	<1	<2	2.4	21	4.2	<2	<2
MW-18 (MID)	10/18/12	CH2M Hill	96	---	170	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	49	3.6	<1	<1
MW-18 (MID)	10/31/14	CH2M Hill	<200	---	130	---	---	<1	<1	<1	<1	<2	<1	87	5.1	<2	<2
MW-18 (MID)	04/22/15	CH2M Hill	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	59	3.7	<1	<1
MW-18 (MID)	10/27/15	CH2M	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	3.1	<1	<1
MW-18 (MID)	03/15/16	CH2M	390	---	390	---	---	120	1.3	<0.50	0.91	<0.50	5	28	5.9	<1	<1
MW-18 (MID)	04/13/16	CH2M	390	---	440	---	---	65	1.4	<0.50	2	<1	4.7	74	1.5	<1	<1
MW-18 (MID)	08/23/16	CH2M	150	---	330	---	---	12	0.28	0.17	1.7	0.23	7.7	46	4.4	<1	0.2
MW-18 (MID)	10/06/16	CH2M	200	---	490	---	---	6.1	<0.50	<0.50	1.5	<1	2.7	55	1.3	<1	<1
MW-18 (MID)	04/20/17	CH2M	<100	---	200	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.3	32	1.6	<1	<1
MW-18 (MID)	10/05/17	CHHL	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.94	13	1.7	<1	<1
MW-18 (MID)	04/19/18	CHHL	<50	---	98	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	1.3	<1	<1
MW-18 (MID)	11/09/18	CHHL	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<1	<1	<1
MW-18 (MID)	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
MW-18 (MID)	10/31/19	Jacobs	<50	---	98	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	11	<1.0	<1.0	<1.0
MW-18 (MID)	05/11/20	Jacobs	<50	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	18	1.2	<1.0	<1.0
MW-18 (MID)	11/06/20	Jacobs	<50	---	260	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	19	1.0	<1.0	<1.0
MW-18 (MID)	05/06/21	Jacobs	<50	---	280	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	16	<1.0	<1.0	<1.0
MW-19 (MID)	11/26/96	Terra Services	---	---	---	---	---	48	<0.50	17	1.76	7.7	600	---	---	---	---
MW-19 (MID)	07/16/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	9.1	810	---	---	---	---
MW-19 (MID)	01/05/98	Terra Services	<100	---	<500	---	---	<5	<50	<5	<15	<5	1400	---	---	---	---
MW-19 (MID)	05/27/98	Terra Services	500	---	---	---	---	<5	<0.50	<5	<10	14	590	---	---	---	---
MW-19 (MID)	08/26/98	Geomatrix	514	233	---	---	---	<2.5	<2.5	<2.5	<2.5	11.1	779	---	---	---	---
MW-19 (MID)	11/17/98	Alton Geoscience	491	<100	---	---	---	<5	<5	<5	<5	11	850	---	---	---	---
MW-19 (MID)	02/03/99	Alton Geoscience	<10000	---	<500	---	---	<10	<10	<10	<20	<20	1300	---	---	---	---
MW-19 (MID)	05/06/99	Alton Geoscience	540	---	<500	---	---	42	<1	<1	<1	<2.5	1500	---	---	---	---
MW-19 (MID)	08/10/99	Alton Geoscience	600	---	<1000	---	---	<0.50	<1	<1	<1	6.8	980	---	---	---	---
MW-19 (MID)	11/17/99	Secor	1100	310	---	---	---	26	<5	<5	<5	<5	1100	---	---	---	---
MW-19 (MID)	02/29/00	Secor	2000	1800	---	---	---	530	<5	<5	<5	<5	1100	---	---	---	---
MW-19 (MID)	05/17/00	Secor	5200	5100	---	---	---	1900	<25	<25	<25	<25	2600	---	---	---	---
MW-19 (MID)	08/29/00	Secor	2700	19000	---	---	---	560	<10	<10	<10	<10	3200	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																		
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
MW-19 (MID)	11/30/00	Secor	2100	1200	---	---	---	520	3.6	0.9	6.1	<0.50	1200	---	---	---	---	
MW-19 (MID)	02/06/01	Secor	780	410	---	---	---	66	<10	<10	<10	<10	720	---	---	---	---	
MW-19 (MID)	05/09/01	Secor	360	230	---	---	---	4.4	<2.5	<2.5	<2.5	<2.5	6.5	490	---	---	---	
MW-19 (MID)	09/19/01	Secor	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<2.5	8.2	200	---	---	---	
MW-19 (MID)	11/06/01	Secor	<300	120	---	---	---	<1	<1	<1	<1	<1	6.5	180	---	---	---	
MW-19 (MID)	01/30/02	Secor	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.1	33	---	---	---	
MW-19 (MID)	04/10/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.3	11	---	---	---	
MW-19 (MID)	10/23/02	Secor	<300	330	---	---	---	1.1	<0.50	<0.50	<0.50	<0.50	3.5	7.4	---	---	---	
MW-19 (MID)	04/10/03	Secor	92	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	4.3	---	---	---	
MW-19 (MID)	10/07/03	Secor	84	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	1	---	---	---	
MW-19 (MID)	04/21/04	Secor	99	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	---	---	---	
MW-19 (MID)	11/03/04	Secor	<100	200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	0.81	---	---	---	
MW-19 (MID)	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	
MW-19 (MID)	11/03/05	Secor	68	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	1.2	---	---	---	
MW-19 (MID)	05/03/06	Secor	76	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	13	2.2	---	---	---	
MW-19 (MID)	12/06/06	Secor	<50	260	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	---	---	---	
MW-19 (MID)	05/02/07	Secor	61	200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	1.1	---	---	---	
MW-19 (MID)	11/13/07	Secor	57	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	0.86	---	---	---	
MW-19 (MID)	04/17/08	Secor	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3	1.2	---	---	---	
MW-19 (MID)	10/17/08	Stantec	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	1.3	---	---	---	
MW-19 (MID)	04/20/09	Blaine Tech for AMEC GMX	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	0.81	66	9.8	<1	<1
MW-19 (MID)	10/21/09	Blaine Tech for Parsons	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5	0.79	130	16	<1	<1
MW-19 (MID)	05/26/10	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	<0.50	<10	12	<1	<1
MW-19 (MID)	10/06/10	Blaine Tech	62	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.5	0.91	130	19	<1	<1
MW-19 (MID)	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	0.81	67	14	<1	<1
MW-19 (MID)	10/11/11	CH2M Hill	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<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	<0.50	4.7	1	290	22	<1	<1
MW-19 (MID)	10/17/12	CH2M Hill	<50	---	77	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.3	1.1	360	28	<1	<1
MW-19 (MID)	04/11/13	CH2M Hill	55	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.2	2	330	31	<1	<1
MW-19 (MID)	10/10/13	CH2M Hill	54	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.4	2	350	25	<1	<1
MW-19 (MID)	04/17/14	CH2M Hill	74	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.1	2	440	25	<1	<1
MW-19 (MID)	10/30/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.5	0.74	87	9.2	<1	<1
MW-19 (MID)	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	1.1	130	13	<1	<1
MW-19 (MID)	10/23/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<0.50	36	6.2	<1	<1
MW-19 (MID)	04/13/16	CH2M	<50	---	54	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	1	420	23	<1	<1
MW-19 (MID)	10/05/16	CH2M	54	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	0.68	220	19	<1	<1
MW-19 (MID)	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	88	11	<1	<1
MW-19 (MID)	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	22	4.2	<1	<1
MW-19 (MID)	04/18/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<0.50	31	5.6	<1	<1
MW-19 (MID)	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	23	4.3	<1	<1
MW-19 (MID)	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	15	2.2	<1	<1
MW-19 (MID)	10/29/19	Jacobs	<50	---	58	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	11	1.6	<1.0	<1.0
MW-19 (MID)	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	17	2.5	<1.0	<1.0
MW-19 (MID)	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	1.8	<1.0	<1.0
MW-19 (MID)	05/06/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	12	2.1	<1.0	<1.0
MW-20 (MID)	11/22/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<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	<1	33	13	---	---	---	
MW-20 (MID)	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<1.5	17	9.2	---	---	---	
MW-20 (MID)	05/27/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<1	35	22	---	---	---	
MW-20 (MID)	11/16/98	Alton Geoscience	<300	<100	---	---	---	14	41	4.8	29.8	31	33	---	---	---	---	
MW-20 (MID)	05/07/99	Alton Geoscience	<500	---	<500	---	---	5.6	22	1.7	9.8	22	13	---	---	---	---	

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-20 (MID)	11/16/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	19	---	---	---	---
MW-20 (MID)	05/19/00	Secor	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	22	11	---	---	---	---
MW-20 (MID)	11/28/00	Secor	<300	340	---	---	---	<0.50	<0.50	<0.50	<0.50	17	8.1	---	---	---	---
MW-20 (MID)	05/09/01	Secor	<300	180	---	---	---	<50	<50	<50	<50	2200	1300	---	---	---	---
MW-20 (MID)	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	11	---	---	---	---
MW-20 (MID)	11/07/01	IT Corporation	<300	170	---	---	---	<0.50	<0.50	<0.50	<0.50	23	14	---	---	---	---
MW-20 (MID)	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	12	---	---	---	---
MW-20 (MID)	10/24/02	Secor	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	20	20	---	---	---	---
MW-20 (MID)	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	11	---	---	---	---
MW-20 (MID)	10/08/03	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	29	19	---	---	---	---
MW-20 (MID)	04/21/04	Secor	56	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	27	18	---	---	---	---
MW-20 (MID)	11/05/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	15	---	---	---	---
MW-20 (MID)	05/05/05	Secor	97	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	57	---	---	---	---
MW-20 (MID)	11/03/05	Secor	58	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	25	46	---	---	---	---
MW-20 (MID)	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	32	---	---	---	---
MW-20 (MID)	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	25	---	---	---	---
MW-20 (MID)	05/05/07	Secor	59	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	25	---	---	---	---
MW-20 (MID)	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	23	---	---	---	---
MW-20 (MID)	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	21	---	---	---	---
MW-20 (MID)	10/17/08	Stantec	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	18	---	---	---	---
MW-20 (MID)	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	16	28	11	<1	<1
MW-20 (MID)	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	18	32	14	<1	<1
MW-20 (MID)	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	16	<10	12	<1	<1
MW-20 (MID)	10/06/10	Blaine Tech	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	19	40	13	<1	<1
MW-20 (MID)	04/12/11	Blaine Tech	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	18	<10	17	<1	<1
MW-20 (MID)	10/11/11	CH2M Hill	<50	170	---	---	---	<0.50	<0.50	<0.50	<0.50	13	17	38	11	<1	<1
MW-20 (MID)	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	15	12	26	9.9	<1	<1
MW-20 (MID)	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.8	7.6	12	6.8	<1	<1
MW-20 (MID)	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	14	9.8	<10	6.7	<1	<1
MW-20 (MID)	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	16	14	29	11	<1	<1
MW-20 (MID)	04/16/14	CH2M Hill	55	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	13	9.6	22	7.4	<1	<1
MW-20 (MID)	10/30/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	10	8.7	18	6.6	<1	<1
MW-20 (MID)	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.2	11	19	8.2	<1	<1
MW-20 (MID)	10/23/15	CH2M	<50	---	91	---	---	<0.50	0.5	<0.50	0.7	0.65	4.7	<10	3.2	<1	<1
MW-20 (MID)	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	10	8.9	25	6.3	<1	<1
MW-20 (MID)	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	13	7.1	22	7.2	<1	<1
MW-20 (MID)	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9	8.1	21	6	<1	<1
MW-20 (MID)	10/03/17	CHHL	<50	---	<100X	---	---	<0.50	<0.50	<0.50	<0.50	8.6	6.8	16	5.1	<1	<1
MW-20 (MID)	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.9	6.1	<10	4.9	<1	<1
MW-20 (MID)	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.4	4.6	<10	2.7	<1	<1
MW-20 (MID)	04/18/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	12	16	34	8	<1	<1
MW-20 (MID)	10/29/19	Jacobs	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	7.6	8.9	16	4.9	<1.0	<1.0
MW-20 (MID)	05/07/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	12	15	28	8.0	<1.0	<1.0
MW-20 (MID)	11/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.5	5.5	<10	1.8	<1.0	<1.0
MW-20 (MID)	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.0	5.7	<10	1.7	<1.0	<1.0
MW-21 (MID)	05/07/99	Alton Geoscience	<500	---	590	---	---	<1	<1	<1	<1	75	39	---	---	---	---
MW-21 (MID)	11/29/00	Secor	<300	4600	---	---	---	3.6	<0.50	<0.50	<0.50	16	62	---	---	---	---
MW-21 (MID)	05/09/01	Secor	<300	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	9.8	50	---	---	---	---
MW-21 (MID)	11/06/01	Secor	<300	1400	---	---	---	0.5	<0.50	<0.50	<0.50	12	69	---	---	---	---
MW-21 (MID)	04/10/02	Secor	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.6	71	---	---	---	---
MW-21 (MID)	10/23/02	Secor	<300	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	7.4	61	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-21 (MID)	10/07/03	Secor	87	290	---	---	---	<0.50	<0.50	<0.50	<0.50	5.6	55	---	---	---	---
MW-21 (MID)	05/06/05	Secor	62	100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	25	---	---	---	---
MW-21 (MID)	05/03/06	Secor	<50	<140	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	13	---	---	---	---
MW-21 (MID)	05/02/07	Secor	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	3.3	---	---	---	---
MW-21 (MID)	04/17/08	Secor	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.88	6.4	---	---	---	---
MW-21 (MID)	04/20/09	Blaine Tech for AMEC GMX	<100	530	---	---	---	<0.50	<0.50	<0.50	<0.50	2.3	1.9	25	2.3	<1	<1
MW-21 (MID)	05/26/10	Blaine Tech	<100	420	---	---	---	<0.50	<0.50	<0.50	<0.50	2.9	1.5	<10	3.2	<1	<1
MW-21 (MID)	04/12/11	Blaine Tech	72	350	---	---	---	<0.50	<0.50	<0.50	<0.50	3.8	2.4	32	3	<1	<1
MW-21 (MID)	04/18/12	CH2M Hill	<100	---	140	---	---	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	17	<1	<1	<1
MW-21 (MID)	04/10/13	CH2M Hill	<200	---	61	---	---	<1	<1	<1	<1	2.4	<1	22	3.3	<2	<2
MW-21 (MID)	10/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.8	0.81	35	3	<1	<1
MW-21 (MID)	04/16/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.2	0.51	<10	<1	<1	<1
MW-21 (MID)	10/30/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.6	0.69	<10	<1	<1	<1
MW-21 (MID)	04/22/15	CH2M Hill	<50	---	56	---	---	<0.50	<0.50	<0.50	<0.50	3.4	0.68	<10	<1	<1	<1
MW-21 (MID)	10/23/15	CH2M	57	---	120	---	---	<0.50	<0.50	<0.50	<0.50	3.4	1.1	<10	<1	<1	<1
MW-21 (MID)	04/13/16	CH2M	<50	---	87	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.79	<10	<1	<1	<1
MW-21 (MID)	10/05/16	CH2M	57	---	82	---	---	<0.50	<0.50	<0.50	<0.50	3.2	1.2	<10	<1	<1	<1
MW-21 (MID)	04/19/17	CH2M	<100	---	120	---	---	<0.50	<0.50	<0.50	<0.50	2.2	1	12	<1	<1	<1
MW-21 (MID)	10/03/17	CHHL	<50	---	67	---	---	<0.50	<0.50	<0.50	<0.50	3.1	1.4	10	<1	<1	<1
MW-21 (MID)	04/18/18	CHHL	68	---	110	---	---	<0.50	<0.50	<0.50	<0.50	2.4	1.3	<10	<1	<1	<1
MW-21 (MID)	11/07/18	CHHL	<50	---	90	---	---	<0.50	<0.50	<0.50	<0.50	1.4 J	0.6	<10	<1	<1	<1
MW-21 (MID)	04/18/19	CHHL	<50	---	56	---	---	<0.50	<0.50	<0.50	<0.50	3	1.5	<10	<1	<1	<1
MW-21 (MID)	10/30/19	Jacobs	<50	---	99	---	---	<0.50	<0.50	<0.50	<0.50	1.2	0.58	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/07/20	Jacobs	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	0.93	0.80	<10	<1.0	<1.0	<1.0
MW-21 (MID)	11/03/20	Jacobs	<50	---	90	---	---	<0.50	<0.50	<0.50	<0.50	0.54	0.68	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/05/21	Jacobs	<50	---	99	---	---	<0.50	<0.50	<0.50	<0.50	1.6	0.97	<10	<1.0	<1.0	<1.0
MW-22 (MID)	11/21/96	GSI	46	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	4.7	<5	---	---	---	---
MW-22 (MID)	07/10/97	GTI	<50	---	650	<400	---	<5	<5	<5	<5	15	<5	---	---	---	---
MW-22 (MID)	01/06/98	GTI	---	---	400	<100	---	<5	<5	<5	<1	<5	<5	---	---	---	---
MW-22 (MID)	05/21/98	BBC	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	0.9	<0.50	---	---	---	---
MW-22 (MID)	08/26/98	Geomatrix	<300	545	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	---	---	---	---
MW-22 (MID)	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	---	---	---	---
MW-22 (MID)	02/02/99	Alton Geoscience	<500	---	<500	---	---	1.1	2.1	0.56	2.1	3.2	0.69	---	---	---	---
MW-22 (MID)	05/07/99	Alton Geoscience	---	---	<500	---	---	8	3.4	1.7	7.5	<1	6.9	---	---	---	---
MW-22 (MID)	05/26/99	GTI	<300	322	---	---	---	<0.50	<0.50	<0.50	<0.50	3.7	4.7	---	---	---	---
MW-22 (MID)	08/10/99	Alton Geoscience	<500	---	<1000	---	---	3.1	6.2	<1	4.9	8.9	<1	---	---	---	---
MW-22 (MID)	11/18/99	IT Corporation	<300	260	---	---	---	<0.50	<1	<0.50	<0.50	19	0.8	---	---	---	---
MW-22 (MID)	02/29/00	Secor	<300	470	---	---	---	<0.50	<0.50	<0.50	<0.50	29	3.3	---	---	---	---
MW-22 (MID)	05/16/00	IT Corporation	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	16	2.4	---	---	---	---
MW-22 (MID)	08/29/00	Secor	<300	4400	---	---	---	<0.50	<0.50	<0.50	<0.50	45	14	---	---	---	---
MW-22 (MID)	11/28/00	Secor	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	88	13	---	---	---	---
MW-22 (MID)	11/29/00	IT Corporation	<300	870	---	---	---	<0.50	<0.50	<0.50	<0.50	88	13	---	---	---	---
MW-22 (MID)	02/06/01	Secor	<300	460	---	---	---	<1	<1	<1	<1	120	14	---	---	---	---
MW-22 (MID)	05/09/01	IT Corporation	<300	360	---	---	---	<0.50	<0.50	<0.50	<0.50	110	12	---	---	---	---
MW-22 (MID)	05/09/01	Secor	<300	230	---	---	---	<0.50	<0.50	<0.50	<0.50	83	11	---	---	---	---
MW-22 (MID)	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	30	4.5	---	---	---	---
MW-22 (MID)	11/07/01	IT Corporation	<300	130	---	---	---	<0.50	<0.50	<0.50	<0.50	36	6.5	---	---	---	---
MW-22 (MID)	01/30/02	Secor	<300	430	---	---	---	<0.50	<0.50	<0.50	<0.50	30	19	---	---	---	---
MW-22 (MID)	04/12/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	22	11	---	---	---	---
MW-22 (MID)	07/30/02	IT Corporation	<300	210	---	---	---	<0.50	<0.50	<0.50	<0.50	24	8.7	---	---	---	---
MW-22 (MID)	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	18	5.4	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-22 (MID)	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	4.8	---	---	---	---
MW-22 (MID)	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.12	2.38	---	---	---	---
MW-22 (MID)	10/11/03	Blaine Tech for Parsons	---	380	---	---	---	<0.50	<0.50	<0.50	<0.50	12	2.8	---	---	---	---
MW-22 (MID)	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	19	4.8	21	3.2	<2	<2
MW-22 (MID)	07/21/04	Blaine Tech for Parsons	180	280	---	---	---	<0.50	<0.50	<0.50	<0.50	---	11	---	---	---	---
MW-22 (MID)	11/04/04	Blaine Tech for Parsons	---	240	---	---	---	<0.50	<0.50	<0.50	<0.50	31	11	17	2.8	<2	<2
MW-22 (MID)	03/02/05	Blaine Tech for Parsons	---	180	---	---	---	<0.50	<1	<1	<1	---	15	---	---	---	---
MW-22 (MID)	05/07/05	Blaine Tech for Parsons	---	290	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	30	<10	<2	<2	<2
MW-22 (MID)	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	30	13	<2	<2	<2
MW-22 (MID)	05/05/06	Blaine Tech for Parsons	---	500	---	---	---	<0.50	<0.50	<0.50	<0.50	6.1	14	<10	<2	<2	<2
MW-22 (MID)	12/05/06	Blaine Tech for Parsons	---	130	---	---	---	<0.50	<0.50	<0.50	<0.50	5.3	16	13	<2	<2	<2
MW-22 (MID)	05/02/07	Blaine Tech for Parsons	---	200	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	14	17	<2	<2	<2
MW-22 (MID)	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	15	19	2.1	<2	<2
MW-22 (MID)	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.3	11	18	<2	<2	<2
MW-22 (MID)	10/16/08	Blaine Tech for Parsons	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	9.7	16	16	2.1	<2	<2
MW-22 (MID)	02/12/09	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	15	18	22	3.1	<2	<2
MW-22 (MID)	04/22/09	Blaine Tech for Parsons	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	11	23	22	<2	<2	<2
MW-22 (MID)	07/20/09	Blaine Tech for AMEC GMX	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	11	19	34	2.9	<2	<2
MW-22 (MID)	10/23/09	Blaine Tech for DESC	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	13	16	27	<2	<2	<2
MW-22 (MID)	01/13/10	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	9.7	13	24	2.1	<2	<2
MW-22 (MID)	04/13/10	Blaine Tech for DESC	---	---	---	---	220	<0.50	<0.50	<0.50	<0.50	11	8.7	23	1.8 J	<2	<2
MW-22 (MID)	10/04/10	Blaine Tech for Parsons	---	---	---	---	140	<0.50	---	---	---	10	13	<10	---	---	---
MW-22 (MID)	01/10/11	Blaine Tech for Parsons	---	---	---	---	120	<0.50	<0.50	<0.50	<0.50	4.8	6.2	10	0.82 J	<2	<2
MW-22 (MID)	04/14/11	Blaine Tech for Parsons	---	---	---	---	120	<0.50	<0.50	<0.50	<0.50	6.5	10	<10	0.76 J	<2	<2
MW-22 (MID)	07/11/11	Parsons	---	---	---	---	100	<0.50	<0.50	<0.50	<0.50	5.5	7.8	13	0.48 J	<2	<2
MW-22 (MID)	10/13/11	Parsons	---	---	---	---	120	0.39 J	0.38 J	<0.50	<0.50	4.6	6.3	7.2 J	0.37 J	<2	<2
MW-22 (MID)	01/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4.4	6.6	12	0.45 J	<2	<2
MW-22 (MID)	04/18/12	Parsons	---	---	---	---	120	<0.50	<0.50	<0.50	<0.50	7.1	10	21	0.69 J	<2	<2
MW-22 (MID)	07/09/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4.4	5.8	<10	0.43 J	<2	<2
MW-22 (MID)	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	6.4	12	<10	0.85 J	<2	<2
MW-22 (MID)	01/14/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	4.4	5.3	<10	0.42 J	<2	<2
MW-22 (MID)	04/10/13	Parsons	---	---	250 b	---	---	<0.50	<0.50	<0.50	<0.50	7	11	14	1.1 J	<2	<2
MW-22 (MID)	10/07/13	Parsons	<100	---	240 HD	---	---	<0.50	<0.50	<0.50	<0.50	3.7	4.6	<10	<2	<2	<2
MW-22 (MID)	04/16/14	Parsons	<100	---	100 HD	---	---	<0.50	<0.50	<0.50	<0.50	5	6.8	<10	0.64 J	<2	<2
MW-22 (MID)	10/28/14	SGL	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	8.8	9.1	<10	<2	<2	<2
MW-22 (MID)	04/24/15	SGL	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	10	8.9	19	2.6	<2	<2
MW-22 (MID)	10/23/15	SGL	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	8.7	6.5	18	2.7	<2	<2
MW-22 (MID)	04/13/16	SGL	<100	---	170	---	---	<0.50	<0.50	0.87	2.7	6.8	5	<10	<2	<2	<2
MW-22 (MID)	10/05/16	SGL	<100	---	170	---	---	1.5	<0.50	<0.50	<1	7.1	4.4	<10	<2	<2	<2
MW-22 (MID)	04/19/17	SGL	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	2.9	2.1	<10	<2	<2	<2
MW-22 (MID)	10/05/17	TSGS	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-22 (MID)	04/19/18	TSGS	<100	---	340	---	---	<0.50	<0.50	<0.50	<1	4.9	4.8 J	20 J	<2	<2	<2
MW-22 (MID)	11/08/18	TSGS	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	1.6	2	<10	<2	<2	<2
MW-22 (MID)	04/17/19	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.8	<10	<2	<2	<2
MW-22 (MID)	11/05/19	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	2.3	6.0	11	<2.0	<2.0	<2.0
MW-22 (MID)	05/07/20	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	1.7	<1.2	<10	<2.0	<2.0	<2.0
MW-22 (MID)	10/22/20	SGL	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	2.4	<10	<2.0	<2.0	<2.0
MW-22 (MID)	05/06/21	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	1.7	1.6	<10	<2.0	<2.0	<2.0
MW-23 (MID)	11/21/96	GSI	1400	---	<500	<500	---	62	<0.50	18	3.5	0.6	---	---	---	---	---
MW-23 (MID)	07/09/97	GTI	---	---	---	---	---	160	<1	21	26	---	---	---	---	---	---
MW-23 (MID)	07/09/97	GTI	140	---	970	<860	---	---	---	---	---	---	---	---	---	---	---

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

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

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-24	12/06/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/21/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/23/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/13/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	0.51	<10	---	---	---
MW-24	04/13/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/13/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	6.3 J	<2	<2	<2
MW-24	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<10	<2	<2	<2
MW-24	04/09/13	Parsons	---	---	150 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<10	<2	<2	<2
MW-24	10/08/13	Parsons	<100	---	230 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<2	<2	<2
MW-24	04/16/14	Parsons	<100	---	110 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<10	<2	<2	<2
MW-24	10/28/14	SGI	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	04/24/15	SGI	<100	---	200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	10/22/15	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	04/13/16	SGI	<100	---	<100	---	---	<0.50	<0.50	1.2	3.9	<0.50	<1	<10	<2	<2	<2
MW-24	04/18/17	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-24	10/02/17	TSGS	<100	---	210	---	---	1	<0.50	4.7	1.7	<0.50	<1	<10	<2	<2	<2
MW-24	10/25/17	TSGS	---	---	410	---	---	<0.50	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2
MW-24	04/19/18	TSGS	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.2	<10	<2	<2	<2
MW-24	11/08/18	TSGS	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-24	04/17/19	TSGS	<100	---	520 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	2	<10	<2	<2	<2
MW-24	11/05/19	SGI	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	05/11/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	05/04/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-25	11/21/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	17	<5	---	---	---	---
MW-25	07/09/97	GTI	<50	---	660	<400	---	<5	<5	<5	<5	17	<5	---	---	---	---
MW-25	01/06/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	15	<0.50	---	---	---	---
MW-25	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	8.6	<0.50	---	---	---	---
MW-25	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---	---
MW-25	05/06/99	Alton Geoscience	<500	---	<500	---	---	1.9	1.2	0.68	3.3	14	1.3	---	---	---	---
MW-25	05/26/99	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	<0.50	---	---	---	---
MW-25	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	27	0.7	---	---	---	---
MW-25	05/16/00	IT Corporation	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	50	4.7	---	---	---	---
MW-25	11/28/00	Secor	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	62	11	---	---	---	---
MW-25	11/29/00	IT Corporation	<300	<100	---	---	---	<0.50	0.6	<0.50	0.8	73	14	---	---	---	---
MW-25	05/09/01	IT Corporation	<300	240	---	---	---	<0.50	<0.50	<0.50	<0.50	45	7.1	---	---	---	---
MW-25	05/09/01	Secor	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	36	6.2	---	---	---	---
MW-25	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	39	9.3	---	---	---	---
MW-25	04/12/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	9.4	---	---	---	---
MW-25	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	15	5.1	---	---	---	---
MW-25	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	30.6	8.61	---	---	---	---
MW-25	10/11/03	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	13	3.4	---	---	---	---
MW-25	04/22/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	13	3.5	<10	2.4	<2	<2
MW-25	11/04/04	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	3.4	<10	2.9	<2	<2
MW-25	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	5	<10	<2	<2	<2
MW-25	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.95	1.9	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-25	05/05/06	Blaine Tech for Parsons	---	390	---	---	---	<0.50	<0.50	<0.50	<0.50	4.3	10	<10	<2	<2	<2
MW-25	12/05/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3	3.5	<10	<2	<2	<2
MW-25	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	2.3	<10	<2	<2	<2
MW-25	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	1.3	<10	<2	<2	<2
MW-25	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.5	4.3	<10	<2	<2	<2
MW-25	10/16/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	8.9	6.1	<10	2.3	<2	<2
MW-25	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	8.3	2.9	<10	<2	<2	<2
MW-25	10/23/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4.1	0.83	<10	<2	<2	<2
MW-25	04/13/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	10	2.7	<10	2.5	<2	<2
MW-25	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	2	0.35 J	<10	---	---	---
MW-25	04/12/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7.1	1.4	<10	0.71 J	<2	<2
MW-25	10/13/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.4	0.31 J	<10	<2	<2	<2
MW-25	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<2	<2	<2
MW-25	10/16/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	3.4	0.67	<10	<2	<2	<2
MW-25	04/09/13	Parsons	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	3.6	0.49 J	<10	<2	<2	<2
MW-25	11/07/19	SGL	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	1.4	<1.2	<10	<2.0	<2.0	<2.0
MW-26	11/21/96	GSI	6700	---	<500	<500	---	460	400	200	340	0.7	---	---	---	---	---
MW-26	07/10/97	GTI	<50	---	270	<200	---	<5	<5	<5	<5	<5	340	---	---	---	---
MW-26	01/06/98	GTI	<500	---	<100	<100	---	<2.5	<2.5	<2.5	<5	<2.5	407	---	---	---	---
MW-26	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-26	11/04/98	GTI	<300	<100	---	---	---	<0.50	1.3	<0.50	1.1	<0.50	146	---	---	---	---
MW-26	05/26/99	GTI	8260	8790	---	---	---	3000	170	400	1000	<0.50	380	---	---	---	---
MW-26	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	3.4	---	---	---	---
MW-26	05/16/00	IT Corporation	8400	7000	---	---	---	2300	<5	410	1480	<5	76	---	---	---	---
MW-26	11/29/00	IT Corporation	1800	1000	---	---	---	440	15	69	240	<10	69	---	---	---	---
MW-26	05/10/01	IT Corporation	<300	<100	---	---	---	2.1	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
MW-26	11/07/01	IT Corporation	1700	3700	---	---	---	370	79	37	171	<0.50	35	---	---	---	---
MW-26	04/11/02	IT Corporation	4000	5300	---	---	---	1200	<5	230	528	<5	65	---	---	---	---
MW-26	10/24/02	GTI	2100	5800	---	---	---	970	<5	<5	262	<2.5	74	---	---	---	---
MW-26	04/11/03	GTI	---	1390	---	---	---	858	<0.50	243	78.6	<0.50	108	---	---	---	---
MW-26	10/11/03	Blaine Tech for Parsons	---	900	---	---	---	4.6	<0.50	5.7	0.54	<0.50	29	---	---	---	---
MW-26	04/22/04	Blaine Tech for Parsons	---	570	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	140	18	<2	<2	<2
MW-26	11/04/04	Blaine Tech for Parsons	---	260	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	110	23	<2	<2	<2
MW-26	05/07/05	Blaine Tech for Parsons	---	170	---	---	---	<0.50	<0.50	3.1	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	05/05/06	Blaine Tech for Parsons	---	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	12/06/06	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<2	<2	<2
MW-26	05/03/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-26	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.4	<10	<2	<2	<2
MW-26	04/17/08	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<10	<2	<2	<2
MW-26	10/16/08	Blaine Tech for Parsons	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	<0.50	5	<10	<2	<2	<2
MW-26	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	10/23/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-26	04/13/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<2	<2	<2
MW-26	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	1.6	---	---	---	<0.50	0.68	<10	---	---	---
MW-26	04/13/11	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
MW-26	10/13/11	Parsons	---	---	---	---	<100	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	04/17/12	Parsons	---	---	---	---	770	1.1	<0.50	0.32 J	0.57 J	<0.50	3.7	9.7 J	<2	<2	<2
MW-26	10/16/12	Parsons	---	---	---	---	1400	3.9	0.5	2.2	0.69	<0.50	1.4	5.6 J	<2	<2	<2
MW-26	04/09/13	Parsons	---	---	990 b	---	---	2	0.36 J	1.5	0.36 J	<0.50	0.74	<10	<2	<2	<2
MW-26	10/08/13	Parsons	610	---	730 HD	---	---	9.9	0.33 J	0.95	0.74	<0.50	0.97	5.9 J	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-26	04/16/14	Parsons	1200 HD	---	990 HD	---	---	1.7	0.47 J	1.1	0.84	<0.50	<0.50	14	<2	<2	<2
MW-26	10/30/14	SGI	1400	---	670	---	---	<0.50	<0.50	0.54	<1	<0.50	<2	<10	<2	<2	<2
MW-26	04/29/15	SGI	430	---	500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-26	10/23/15	SGI	280	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-26	04/13/16	SGI	200	---	200	---	---	0.8	<0.50	1.6	4.9	<0.50	<1	<10	<2	<2	<2
MW-26	10/05/16	SGI	170	---	270	---	---	2.2	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2
MW-26	04/19/17	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	10/04/17	TSGS	210	---	370	---	---	1	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	04/19/18	TSGS	130	---	340	---	---	2.3	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	11/08/18	TSGS	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	04/17/19	TSGS	<100	---	330	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	11/05/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	05/04/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	10/19/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	05/04/21	SGI	<100	---	120	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	11/22/96	GSI	<50	---	<500	<500	---	180	12	25	50	<0.50	---	---	---	---	---
MW-27	07/10/97	GTI	420	---	400	<400	---	1400	28	53	253	<5	79	---	---	---	---
MW-27	01/06/98	GTI	1500	---	<100	100	---	940	<5	70	20	20	90	---	---	---	---
MW-27	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-27	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	05/26/99	GTI	<300	<100	---	---	---	<0.50	<0.50	0.71	1.33	<0.50	1.1	---	---	---	---
MW-27	11/18/99	IT Corporation	7200	6400	---	---	---	1700	8.6	100	1110	<0.50	170	---	---	---	---
MW-27	05/16/00	IT Corporation	<300	<100	---	---	---	1.7	<0.50	<0.50	<0.50	<0.50	5	---	---	---	---
MW-27	11/29/00	IT Corporation	<300	<100	---	---	---	0.9	0.7	0.7	1	0.6	17	---	---	---	---
MW-27	05/10/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	04/11/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	---	---	---	---
MW-27	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	9.7	---	---	---	---
MW-27	04/11/03	GTI	---	<100	---	---	---	<0.50	<0.50	2.76	<0.50	<0.50	16.7	---	---	---	---
MW-27	10/11/03	Blaine Tech for Parsons	---	150	---	---	---	6.2	<0.50	0.79	<0.50	<0.50	8.9	---	---	---	---
MW-27	04/22/04	Blaine Tech for Parsons	---	1600	---	---	---	130	<0.50	16	<0.50	<0.50	65	20	<2	<2	<2
MW-27	11/06/04	Blaine Tech for Parsons	---	540	---	---	---	1.6	<0.50	17	<0.50	<0.50	65	21	<2	<2	<2
MW-27	05/07/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	11/08/05	Blaine Tech for Parsons	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<2	<2	<2
MW-27	05/05/06	Blaine Tech for Parsons	---	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-27	12/06/06	Blaine Tech for Parsons	---	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
MW-27	05/03/07	Blaine Tech for Parsons	---	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
MW-27	11/14/07	Blaine Tech for Parsons	---	<100	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/18/08	Blaine Tech for Parsons	---	<100	---	---	---	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/17/08	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/22/09	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/26/09	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
MW-27	04/13/10	Blaine Tech for DESC	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.5 J	<2	<2	<2
MW-27	10/04/10	Blaine Tech for Parsons	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-27	04/12/11	Blaine Tech for Parsons	---	---	---	---	430	<0.50	<0.50	0.35 J	3.2	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/13/11	Parsons	---	---	---	---	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/17/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/16/12	Parsons	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	<0.50	5	12	<2	<2	<2
MW-27	04/09/13	Parsons	---	---	310 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	23	<2	<2	<2
MW-27	10/08/13	Parsons	<100	---	130 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	5.7 J	<2	<2	<2
MW-27	10/29/14	SGI	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-27	04/22/15	SGI	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
MW-27	10/23/15	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.7	<10	<2	<2	<2
MW-27	04/13/16	SGI	<100	---	160	---	---	1.2	<0.50	1.7	5.5	<0.50	3.3	<10	<2	<2	<2
MW-27	10/05/16	SGI	<100	---	220	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	<10	<2	<2	<2
MW-27	04/19/17	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-27	10/04/17	TSGS	<100	---	260	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	<10	<2	<2	<2
MW-27	04/19/18	TSGS	<100	---	350	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	14	<2	<2	<2
MW-27	11/08/18	TSGS	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.5	<10	<2	<2	<2
MW-27	04/17/19	TSGS	<100	---	300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-27	11/05/19	SGI	<100	---	130	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	1.4	<10	<2.0	<2.0	<2.0
MW-27	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
MW-27	10/22/20	SGI	<100	---	250	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	1.7	26	<2.0	<2.0	<2.0
MW-27	05/07/21	SGI	<100	---	260	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-28	11/27/96	GSI	1500	---	<500	<500	---	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---	---
MW-28	07/10/97	GTI	220	---	2200	<1900	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-28	01/07/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-28	05/21/98	BBC	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	11/05/98	GTI	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	05/26/99	GTI	<300	<100	---	---	---	0.33	<0.30	<0.30	0.7	---	---	---	---	---	---
MW-28	11/18/99	IT Corporation	<300	330	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	05/17/00	IT Corporation	<300	250	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	12/01/00	IT Corporation	<300	470	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	05/10/01	IT Corporation	<300	3000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	11/08/01	IT Corporation	300	160	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	04/12/02	IT Corporation	<300	170	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	04/22/15	SGI	<100	---	420	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-28	04/20/17	SGI	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	05/21/98	BBC	84700	---	---	---	---	313	45.7	314	366	---	---	---	---	---	---
MW-29	11/05/98	GTI	28600	19600	---	---	---	87	<0.30	2.2	31	---	---	---	---	---	---
MW-29	05/27/99	GTI	1810	2540	---	---	---	150	<0.60	160	23	---	---	---	---	---	---
MW-29	11/18/99	IT Corporation	5100	17000	---	---	---	220	<0.30	190	21	---	---	---	---	---	---
MW-29	05/17/00	IT Corporation	1100	3400	---	---	---	23	<0.30	35	7.6	---	---	---	---	---	---
MW-29	11/30/00	IT Corporation	2400	14000	---	---	---	120	<0.30	160	4.4	---	<5	---	---	---	---
MW-29	05/09/01	IT Corporation	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-29	11/07/01	IT Corporation	1500	1500	---	---	---	14	<0.30	3.7	2.1	---	8.3	---	---	---	---
MW-29	02/01/02	Secor	---	---	---	---	---	100	7.3	160	990	<0.50	<0.50	---	---	---	---
MW-29	04/11/02	IT Corporation	860	5600	---	---	---	4.1	<0.30	4.3	12	---	<5	---	---	---	---
MW-29	04/12/13	Parsons	---	---	2200	---	---	<0.50	<0.50	0.64	1.19 J	<0.50	<0.50	<10	<2	<2	<2
MW-29	10/08/13	Parsons	570	---	2900 HD	---	---	0.21 J	<0.50	0.75	1.4	<0.50	<0.50	8.7 J	<2	<2	<2
MW-29	04/17/14	Parsons	710 HD	---	3300 HD	---	---	11	<0.50	0.75	1.46	<0.50	<0.50	9.4 J	<2	<2	<2
MW-29	10/31/14	SGI	700	---	3200	---	---	6.4	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-29	04/29/15	SGI	370	---	2900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	11	<2	<2	<2
MW-29	10/26/15	SGI	120	---	490	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-29	04/14/16	SGI	<100	---	350	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	10/07/16	SGI	<100	---	250	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	04/20/17	SGI	<100	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	10/04/17	TSGS	<100	---	630	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	04/18/18	TSGS	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	11/06/18	TSGS	<100	---	250	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	04/19/19	TSGS	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	10/31/19	SGI	<100	---	250	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-29	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	10/20/20	SGI	<100J	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
MW-29	05/04/21	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-O-1	10/08/10	Blaine Tech	32000	<30000	---	---	---	3700	1700	1100	1800	<50	60	<500	<50	<50	<50
MW-O-1	04/13/11	Blaine Tech	14000	40000	---	---	---	1900	370	400	2400	<20	13	<200	<20	<20	<20
MW-O-1	10/14/11	CH2M Hill	15000	22000	---	---	---	580	240	580	1800	<20	<10	<200	<20	<20	26
MW-O-1	10/19/12	CH2M Hill	4500	---	8800	---	---	570	160	94	540	<4	17	59	<4	<4	<4
MW-O-1	10/27/15	CH2M	26000	---	20000	---	---	5900	3100	110	810	<100	280	<1000	<100	<100	<100
MW-O-1	08/20/20	Jacobs	<50	---	2600	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.4	<10	<1.0	<1.0	<1.0
MW-O-1	02/25/21	Jacobs	<50	---	2600	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	8.8 J	130 J	<1.0	<1.0	<1.0
MW-O-2	10/05/10	Blaine Tech	570	<540	---	---	---	87	5.6	7.2	33	<1	81	33	3.3	<1	<1
MW-O-2	04/27/12	CH2M Hill	21000	---	13000	---	---	7900	120	200	570	<100	160	<1000	<100	<100	<100
MW-O-2	06/06/13	CH2M Hill	10000	---	7000	---	---	5400	<40	91	200	<80	190	<800	<80	<80	<80
MW-O-2	10/11/13	CH2M Hill	43000	---	4800	---	---	17000	710	530	1500	<130	710	<1300	<130	<130	<130
MW-O-2	04/17/14	CH2M Hill	37000	---	1200	---	---	16000	1600	220	1500	<100	900	2100	<100	<100	<100
MW-O-2	08/23/16	CH2M	73000	---	81000	---	---	3400	510	410	9700	0.46	410	680	30	<80	16
MW-O-2	10/06/17	CHHL	23000	---	11000	---	---	9400	<50	99	820	<100	210	1500	130	<100	<100
MW-O-2	11/09/18	CHHL	<5000	---	2600	---	---	2100	<25	<25	<25	<50	73	910	81	<50	<50
MW-O-2	04/18/19	CHHL	2000	---	11000	---	---	980	<5	<5	<5	<10	55	490	<10	<10	<10
MW-O-2	05/07/20	Jacobs	9200	---	8300	---	---	5,500	<15	60	<15	<30	49	970	<30	<30	<30
MW-O-2	08/20/20	Jacobs	8100	---	15000	---	---	4400	<20	44	<20	<40	31	530	<40	<40	<40
MW-O-2	11/09/20	Jacobs	10000	---	13000	---	---	6200	<20	31	<20	<40	95	1100	<40	<40	<40
MW-O-2	02/24/21	Jacobs	5300	---	7800	---	---	1,900	<10	10	<10	<20	18	290	<20	<20	<20
MW-O-2	05/05/21	Jacobs	12000	---	4500	---	---	4,100	<20	44	<20	<40	32	<400	<40	<40	<40
MW-SF-1	03/11/03	Geomatrix	1700	1500	---	---	---	1400	16	76	54	<1	620	---	---	---	---
MW-SF-1	08/01/03	Secor	13000	18000	---	---	---	4200	240	420	1020	<30	910	---	---	---	---
MW-SF-1	10/07/03	Secor	15000	7300	---	---	---	4800	170	390	1060	<40	800	---	---	---	---
MW-SF-1	04/22/04	Secor	27000	11000	---	---	---	11000	510	480	970	<100	3800	---	---	---	---
MW-SF-1	11/03/04	Secor	34000	12000	---	---	---	13000	400	690	1170	<100	2600	---	---	---	---
MW-SF-1	05/06/05	Secor	12000	8800	---	---	---	3900	220	240	340	<30	670	---	---	---	---
MW-SF-1	11/02/05	Secor	15000	9200	---	---	---	5600	340	330	1050	<50	570	---	---	---	---
MW-SF-1	05/09/06	Secor	20000	9000	---	---	---	8200	730	570	1050	<100	1300	---	---	---	---
MW-SF-1	12/08/06	Secor	19000	20000	---	---	---	7000	640	590	960	<100	650	---	---	---	---
MW-SF-1	03/13/07	Secor	10000	2700	---	---	---	3400	320	390	790	<50	160	---	---	---	---
MW-SF-1	05/04/07	Secor	11000	4600	---	---	---	3400	110	430	229	<50	340	---	---	---	---
MW-SF-1	08/30/07	Secor	16000	9000	---	---	---	6000	210	550	290	<100	430	---	---	---	---
MW-SF-1	11/14/07	Secor	16000	6300	---	---	---	6100	180	540	213	<50	400	---	---	---	---
MW-SF-1	02/21/08	Secor	23000	5600	---	---	---	11000	280	530	500	<100	1100	---	---	---	---
MW-SF-1	04/16/08	Secor	21000	11000	---	---	---	11000	350	440	550	<200	740	---	---	---	---
MW-SF-1	08/14/08	Secor	18000	27000	---	---	---	8200	240	390	253	<100	490	---	---	---	---
MW-SF-1	10/16/08	Stantec	21000	12000	---	---	---	10000	280	490	477	<100	770	---	---	---	---
MW-SF-1	02/24/09	Blaine Tech	11000	10000	---	---	---	6300	85	160	65	<50	420	<500	---	---	---
MW-SF-1	04/20/09	Blaine Tech for AMEC GMX	16000	11000	---	---	---	7500	210	340	261	<100	340	<1000	<100	<100	<100
MW-SF-1	07/22/09	Blaine Tech	12000	34000	---	---	---	6300	110	180	89	<50	510	540	<50	<50	<50
MW-SF-1	10/23/09	Blaine Tech for Parsons	21000	12000	---	---	---	11000	110	350	63	<100	620	<1000	<100	<100	<100
MW-SF-1	03/16/10	Blaine Tech for Parsons	13000	12000	---	---	---	5900	56	120	55	<50	650	<500	<50	<50	<50
MW-SF-1	05/27/10	Blaine Tech	8800	3500	---	---	---	3900	46	150	51	<40	140	<400	<40	<40	<40
MW-SF-1	07/13/10	Blaine Tech	8600	11000	---	---	---	4000	41	64	<25	<50	350	<500	<50	<50	<50
MW-SF-1	10/07/10	Blaine Tech	10000	<5000	---	---	---	5200	58	67	<50	<100	440	<1000	<100	<100	<100
MW-SF-1	01/12/11	Blaine Tech	15000	15000	---	---	---	8500	<50	<50	<50	<100	650	<1000	<100	<100	<100
MW-SF-1	04/13/11	Blaine Tech	16000	9400	---	---	---	7800	62	97	93	<100	450	<1000	<100	<100	<100

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-SF-1	07/12/11	CH2M Hill	8400	12000	---	---	---	4700	34	76	<38	<50	240	<500	<50	<50	<50
MW-SF-1	10/12/11	CH2M Hill	9500	9800	---	---	---	4500	32	71	37	<50	180	<500	<50	<50	<50
MW-SF-1	01/10/12	CH2M Hill	15000	13000	---	---	---	7300	94	140	140	<100	240	<1000	<100	<100	<100
MW-SF-1	04/19/12	CH2M Hill	8800	---	17000	---	---	4600	33	90	83	<50	110	<500	<50	<50	<50
MW-SF-1	10/18/12	CH2M Hill	3700	---	6400	---	---	1500	<10	15	<10	<20	45	<200	<20	<20	<20
MW-SF-1	01/15/13	CH2M Hill	8500	---	4100	---	---	4500	93	56	39	<50	110	<500	<50	<50	<50
MW-SF-1	06/30/16	CH2M	260	---	760	---	---	0.69	<0.50	0.5	0.98	<1	1.6	19	<1	<1	<1
MW-SF-1	08/23/16	CH2M	<100	---	920	---	---	0.89	0.31	0.32	1.6	0.02	0.76	9.9	0.21	<2	0.39
MW-SF-1	10/07/16	CH2M	55	---	1200	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1	<1	<1
MW-SF-1	04/20/17	CH2M	<100	---	1800	---	---	2.1	<0.50	<0.50	<0.50	<1	0.92	17	<1	<1	<1
MW-SF-1	10/06/17	CHHL	<100	---	570	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
MW-SF-1	04/19/18	CHHL	61	---	310	---	---	<0.50	<0.50	<0.50	2.4	<0.50	<0.50	<10	<1	<1	<1
MW-SF-1	11/09/18	CHHL	<50	---	270	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-1	04/19/19	CHHL	<100	---	450	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
MW-SF-1	10/31/19	Jacobs	<200	---	580	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-1	05/12/20	Jacobs	<200	---	280	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-1	11/06/20	Jacobs	<100	---	580	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-1	05/06/21	Jacobs	<100	---	500	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	2.3	<1.0	<1.0
MW-SF-2	10/05/10	Blaine Tech	110000	<180000	---	---	---	21000	18000	1200	7100	<200	1700	<2000	<200	<200	<200
MW-SF-2	04/14/11	Blaine Tech	48000	26000	---	---	---	15000	1800	600	5400	<200	930	<2000	<200	<200	<200
MW-SF-2	10/13/11	CH2M Hill	72000	18000	---	---	---	18000	9600	660	5100	<200	940	<2000	<200	<200	<200
MW-SF-3	10/04/10	Blaine Tech	<500	<3700	---	---	---	32	10	<2.5	8.4	<5	50	3000	<5	<5	<5
MW-SF-3	04/29/11	Blaine Tech	15000	52000	---	---	---	5200	590	140	520	<50	2300	1200	<50	<50	<50
MW-SF-3	10/14/11	CH2M Hill	9500	3400	---	---	---	4300	<25	28	38	<50	98	<500	<50	<50	<50
MW-SF-3	11/03/15	CH2M	280000	---	240000	---	---	11000	18000	1200	28000	<200	7600	<2000	<200	<200	<200
MW-SF-4	03/11/03	Geomatrix	3600	2500	---	---	---	1100	<13	180	120	<13	750	---	---	---	---
MW-SF-4	10/08/03	Secor	40000	86000	---	---	---	4600	1900	990	5200	<40	530	---	---	---	---
MW-SF-4	02/21/08	Secor	25000	9900	---	---	---	4100	89	1200	2730	<40	330	---	---	---	---
MW-SF-4	04/16/08	Secor	21000	11000	---	---	---	4600	94	970	2920	<100	380	---	---	---	---
MW-SF-4	08/14/08	Secor	20000	54000	---	---	---	4200	43	1100	770	<50	260	---	---	---	---
MW-SF-4	10/16/08	Stantec	17000	12000	---	---	---	3700	42	1100	1196	<40	170	---	---	---	---
MW-SF-4	02/23/09	Blaine Tech	20000	32000	---	---	---	6400	92	1000	1420	<50	950	<500	---	---	---
MW-SF-4	05/28/10	Blaine Tech	17000	8800	---	---	---	7200	39	370	250	<50	440	<500	120	<50	<50
MW-SF-4	07/14/10	Blaine Tech	13000	9500	---	---	---	4400	37	450	360	<50	320	<500	64	<50	<50
MW-SF-4	10/07/10	Blaine Tech	30000	<31000	---	---	---	8900	<50	940	770	<100	620	<1000	<100	<100	<100
MW-SF-4	01/12/11	Blaine Tech	20000	18000	---	---	---	8500	<50	350	280	<100	350	<1000	100	<100	<100
MW-SF-4	04/13/11	Blaine Tech	11000	28000	---	---	---	2600	<15	320	297	<30	180	<300	<30	<30	<30
MW-SF-4	07/12/11	CH2M Hill	15000	10000	---	---	---	4500	36	530	540	<50	220	<500	<50	<50	<50
MW-SF-4	01/10/12	CH2M Hill	22000	54000	---	---	---	4900	<25	590	770	<50	160	<500	<50	<50	<50
MW-SF-4	04/20/12	CH2M Hill	19000	---	7200	---	---	4500	36	480	430	<50	460	<500	<50	<50	<50
MW-SF-4	10/19/12	CH2M Hill	8900	---	9900	---	---	2200	40	280	420	<20	160	410	<20	<20	<20
MW-SF-4	01/15/13	CH2M Hill	13000	---	3700	---	---	5000	46	660	300	<80	380	<800	<80	<80	<80
MW-SF-4	06/30/16	CH2M	540	---	20000	---	---	2.3	<0.50	0.75	20	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	08/23/16	CH2M	<100	---	5000	---	---	0.57	0.13	0.27	2.2	<1	0.28	6.5	0.08	0.41	<2
MW-SF-4	10/07/16	CH2M	<500	---	4700	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-SF-4	04/20/17	CH2M	<100	---	1400 J	---	---	3.4	<0.50	0.53	1.2	<1	1.2	<10	5.6	<1	<1
MW-SF-4	10/06/17	CHHL	<200	---	3300	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-4	04/20/18	CHHL	<50	---	1300	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	04/19/19	CHHL	<50	---	1800	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	10/31/19	Jacobs	<50	---	640	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-4	05/12/20	Jacobs	<50	---	260	---	---	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-SF-4	11/06/20	Jacobs	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	33	8.9	<1.0	<1.0
MW-SF-4	05/06/21	Jacobs	<50	---	230	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	11	<1.0	<1.0
MW-SF-5	10/08/10	Blaine Tech	540	<2700	---	---	---	110	1.1	<1	<1	<2	400	180	18	<2	<2
MW-SF-5	04/13/11	Blaine Tech	570	2900	---	---	---	41	<2	<2	<2	<4	380	270	24	<4	<4
MW-SF-5	10/13/11	CH2M Hill	<500	2900	---	---	---	6.9	<2.5	<2.5	<2.5	<5	240	100	11	<5	<5
MW-SF-5	10/31/14	CH2M Hill	<200	---	1800	---	---	3.4	7	1	14	<2	17	70	<2	<2	<2
MW-SF-5	04/24/15	CH2M Hill	<500	---	1200	---	---	190	<2.5	<2.5	<2.5	<5	16	<50	<5	<5	<5
MW-SF-5	10/27/15	CH2M	270	---	370	---	---	13	0.52	<0.50	0.89	<0.50	10	35	2	<1	<1
MW-SF-6	10/08/10	Blaine Tech	59000	9200	---	---	---	15000	7200	940	4300	<200	740	<2000	<200	<200	<200
MW-SF-6	04/14/11	Blaine Tech	32000	12000	---	---	---	12000	330	540	3800	<100	810	<1000	<100	<100	<100
MW-SF-6	10/13/11	CH2M Hill	40000	11000	---	---	---	14000	420	780	3600	<200	570	<2000	<200	<200	<200
MW-SF-6	08/23/16	CH2M	13000	---	2700	---	---	2400	<10	66	1300	<20	58	510	<20	<20	<20
MW-SF-6	10/07/16	CH2M	8400	---	10000	---	---	430	<5	35	640	<10	53	390	<10	<10	<10
MW-SF-6	04/20/17	CH2M	2000	---	3900	---	---	42	<1	5.8	37	<2	21	130	22	<2	<2
MW-SF-6	10/06/17	CHHL	1300	---	71000	---	---	98	<1	32	53	<2	3.1	32	4.2	<2	<2
MW-SF-6	04/20/18	CHHL	<200	---	5200	---	---	5.5	<1	1.8	1.5	<2	3.6	110	5.6	<2	<2
MW-SF-6	11/09/18	CHHL	<200	---	8200	---	---	12	<1	3.1	4.1	<2	4.2	37	5.2	<2	<2
MW-SF-6	04/19/19	CHHL	200	---	6300	---	---	12	<1	6.2	6.4	<2	2.8	66	13	<2	<2
MW-SF-6	10/31/19	Jacobs	<200	---	13000	---	---	2.8	<1.0	1.8	1.6	<2.0	1.0	60	6.6	<2.0	<2.0
MW-SF-6	05/11/20	Jacobs	<200	---	3100	---	---	2.8	<1.0	<1.0	<1.0	<2.0	3.2	180	20	<2.0	<2.0
MW-SF-6	11/09/20	Jacobs	<200	---	110000	---	---	5.3	<1.0	<1.0	<1.0	<2.0	2.7	130	28	<2.0	<2.0
MW-SF-6	05/06/21	Jacobs	<200	---	61000	---	---	5.7	<1.0	1.5	1.8	<2.0	<1.0	<20	16	<2.0	<2.0
MW-SF-9	03/11/03	Geomatrix	24000	13000	---	---	---	3200	940	340	1040	<25	1600	---	---	---	---
MW-SF-9	08/01/03	Secor	6600	95000	---	---	---	980	72	140	430	17	2500	---	---	---	---
MW-SF-9	10/07/03	Secor	5800	3300	---	---	---	340	8.8	82	92	<5	3200	---	---	---	---
MW-SF-9	05/04/05	Secor	5700	9700	---	---	---	730	73	130	190	<10	54	---	---	---	---
MW-SF-9	11/03/05	Secor	<500	690	---	---	---	9.4	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
MW-SF-9	12/08/06	Secor	<500	10000	---	---	---	35	<2.5	<2.5	3.6	<5	8.7	---	---	---	---
MW-SF-9	11/14/07	Secor	110	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-SF-9	04/16/08	Secor	920	5800	---	---	---	200	1.4	6.3	3.9	<1	16	---	---	---	---
MW-SF-9	10/21/08	Stantec	350	770	---	---	---	10	<0.50	2.3	<0.50	<1	<0.50	---	---	---	---
MW-SF-9	04/23/09	Blaine Tech for AMEC GMX	430	3800	---	---	---	44	<0.50	1.2	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-9	10/22/09	Blaine Tech for Parsons	2400	5900	---	---	---	1300	<10	11	<10	<20	13	<200	<20	<20	<20
MW-SF-9	05/27/10	Blaine Tech	350	8200	---	---	---	100	1.3	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-9	10/07/10	Blaine Tech	1100	<7300	---	---	---	450	7.8	17	<2.5	<5	<2.5	<50	<5	<5	<5
MW-SF-9	04/13/11	Blaine Tech	310	5900	---	---	---	36	<0.50	<0.50	1.23	<1	<0.50	<10	<1	<1	<1
MW-SF-9	04/19/12	CH2M Hill	480	---	3300	---	---	160	<1	<1	<1	<2	<1	<20	2.2	<2	<2
MW-SF-9	06/06/13	CH2M Hill	2300	---	4500	---	---	680	25	52	190	<10	20	<100	40	<10	<10
MW-SF-9	10/11/13	CH2M Hill	4100	---	7300	---	---	910	220	55	310	<20	17	<200	<20	<20	<20
MW-SF-9	04/14/16	CH2M	2300	---	5100	---	---	96	1.8	64	170	<3	1.7	130	3.4	<3	<3
MW-SF-10	10/05/10	Blaine Tech	30000	<220000	---	---	---	1500	1200	600	2700	<30	31	<300	<30	<30	<30
MW-SF-10	04/14/11	Blaine Tech	31000	160000	---	---	---	520	68	410	6500	<20	21	<200	<20	<20	<20
MW-SF-10	10/13/11	CH2M Hill	18000	46000	---	---	---	320	320	260	2900	<20	<10	<200	<20	<20	<20
MW-SF-11	10/05/10	Blaine Tech	7800	650	---	---	---	4000	210	<15	110	<30	140	940	<30	<30	<30
MW-SF-11	04/29/11	Blaine Tech	16000	2500	---	---	---	10000	60	95	140	<100	130	<1000	<100	<100	<100
MW-SF-11	10/13/11	CH2M Hill	30000	2300	---	---	---	14000	250	340	600	<200	<100	<2000	<200	<200	<200
MW-SF-11	04/19/12	CH2M Hill	15000	---	160	---	---	8100	130	110	480	<100	100	<1000	<100	<100	<100
MW-SF-11	10/18/12	CH2M Hill	77000	---	320	---	---	18000	420	2600	6500	<200	<100	<2000	<200	<200	<200
MW-SF-12	10/05/10	Blaine Tech	17000	1900	---	---	---	5300	1800	110	680	<50	2200	880	<50	<50	<50
MW-SF-12	04/29/11	Blaine Tech	27000	19000	---	---	---	5900	4400	340	3400	<50	2200	<500	<50	<50	<50
MW-SF-12	10/13/11	CH2M Hill	110000	11000	---	---	---	24000	18000	1000	6400	<200	7200	<2000	<200	<200	<200

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-SF-13	10/05/10	Blaine Tech	9000	2900	---	---	---	2100	1000	83	520	<20	680	280	61	<20	<20
MW-SF-13	04/29/11	Blaine Tech	3400	6300	---	---	---	1000	64	20	189	<10	39	270	23	<10	<10
MW-SF-13	10/14/11	CH2M Hill	42000	13000	---	---	---	12000	5200	300	2200	<200	580	<2000	<200	<200	<200
MW-SF-13	08/23/16	CH2M	790	---	2600	---	---	2.6	1.2	8.2	24	<2	<1	<20	<2	<2	<2
MW-SF-13	10/07/16	CH2M	5300	---	4400	---	---	<5	<5	200	350	<10	<5	<100	<10	<10	<10
MW-SF-13	04/20/17	CH2M	2000	---	1500	---	---	3.9	1.6	26	60	<2	1.9	36	4.8	<2	<2
MW-SF-13	10/06/17	CHHL	<100	---	2700	---	---	2	0.67	<0.50	<0.50	<1	0.98	18	2.6	<1	<1
MW-SF-13	04/20/18	CHHL	<100	---	1400	---	---	1.3	<0.50	<0.50	<0.50	<1	0.55	<10	<1	<1	<1
MW-SF-13	11/09/18	CHHL	<200	---	530	---	---	1.2	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-13	04/19/19	CHHL	<200	---	980	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-13	11/01/19	Jacobs	<200	---	1000	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-13	05/12/20	Jacobs	<100	---	1100	---	---	0.79	<0.50	<0.50	<0.50	<1.0	0.58	<10	<1.0	<1.0	<1.0
MW-SF-13	11/06/20	Jacobs	<50	---	1000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-13	05/06/21	Jacobs	<100	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	0.56	<10	<1.0	<1.0	<1.0
MW-SF-14	10/08/10	Blaine Tech	30000	9300	---	---	---	10000	300	900	1400	<200	1900	2300	<200	<200	<200
MW-SF-14	04/29/11	Blaine Tech	18000	6500	---	---	---	12000	84	130	150	<100	330	1800	<100	<100	<100
MW-SF-14	10/13/11	CH2M Hill	<20000	6900	---	---	---	9100	120	<100	660	<200	760	<2000	<200	<200	<200
MW-SF-14	04/19/12	CH2M Hill	15000	---	450	---	---	8200	47	43	120	<50	220	630	<50	<50	<50
MW-SF-14	10/18/12	CH2M Hill	9800	---	200	---	---	5100	24	<20	64	<40	58	<400	<40	<40	<40
MW-SF-14	04/24/15	CH2M Hill	510	---	3300	---	---	100	13	<2.5	18	<5	21	<50	<5	<5	<5
MW-SF-14	10/27/15	CH2M	270000	---	440000	---	---	8700	18000	2800	19000	<200	2600	<2000	<200	<200	<200
MW-SF-14	04/15/16	CH2M	370	---	17000	---	---	4.7	<0.50	<0.50	39	<0.50	63	500	<1	<1	<1
MW-SF-15	10/05/10	Blaine Tech	8600	2000	---	---	---	1900	700	63	500	<20	1000	9200	37	<20	<20
MW-SF-15	04/29/11	Blaine Tech	10000	3800	---	---	---	5500	230	100	361	<40	1200	3400	62	<40	<40
MW-SF-15	10/14/11	CH2M Hill	35000	39000	---	---	---	11000	860	210	1700	<200	780	2300	<200	<200	<200
MW-SF-15	08/23/16	CH2M	300	---	1400	---	---	5.2	0.57	3	23	0.04	38	440	5.2	0.78	1.4
MW-SF-15	10/07/16	CH2M	<500	---	16000	---	---	7.1	<2.5	<2.5	3.5	<5	26	720	12	<5	<5
MW-SF-15	04/20/17	CH2M	190	---	550	---	---	2.5	<0.50	0.69	<0.50	<1	17	300	48	<1	<1
MW-SF-15	10/06/17	CHHL	110	---	1300	---	---	1.5	<0.50	<0.50	<0.50	<1	1.3	180	52	<1	<1
MW-SF-15	04/20/18	CHHL	120	---	410	---	---	2.1	<0.50	<0.50	<0.50	<1	4.6	1400	53	<1	<1
MW-SF-15	11/08/18	CHHL	130	---	140	---	---	1.6	<0.50	<0.50	<0.50	0.85	1.9	220	55	<1	<1
MW-SF-15	04/23/19	CHHL	130	---	870	---	---	3	0.91	0.53	4.9	<1	1.8	71	54	<1	<1
MW-SF-15	10/31/19	Jacobs	130	---	600	---	---	0.55	<0.50	<0.50	<0.50	<1.0	3.5	83	69	<1.0	<1.0
MW-SF-15	05/11/20	Jacobs	<100	---	230	---	---	0.89	<0.50	<0.50	<0.50	<1.0	1.5	120	85	<1.0	<1.0
MW-SF-15	11/06/20	Jacobs	<100	---	580	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	0.75	28	26	<1.0	<1.0
MW-SF-15	05/06/21	Jacobs	<100	---	320	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	0.83	<10	15	<1.0	<1.0
MW-SF-16	10/04/10	Blaine Tech	4100	<1400	---	---	---	1600	150	39	160	<20	170	1800	39	<20	<20
MW-SF-16	04/29/11	Blaine Tech	5900	2400	---	---	---	2400	210	150	563	<20	210	370	30	<20	<20
MW-SF-16	10/14/11	CH2M Hill	7900	2500	---	---	---	2900	130	140	380	<50	200	<500	<50	<50	<50
MW-SF-16	10/31/14	CH2M Hill	100000	---	110000	---	---	7400	7800	1000	17000	<200	350	<2000	<200	<200	<200
MW-SF-16	04/24/15	CH2M Hill	30000	---	250000	---	---	1400	2300	570	4100	<40	170	<400	<40	<40	<40
MW-SF-16	10/27/15	CH2M	3000	---	490	---	---	750	39	35	160	<20	41	<200	37	<20	<20
PO-7	11/08/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
PW-1	11/27/96	Terra Services	---	---	---	---	---	<1	2.2	<1	2	270	<10	---	---	---	---
PW-1	07/15/97	Terra Services	190	---	<500	---	---	<0.50	<0.50	<0.50	<1	180	<5	---	---	---	---
PW-1	01/05/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	68	<5	---	---	---	---
PW-1	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	38	<0.50	---	---	---	---
PW-1	11/13/98	Alton Geoscience	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	73	8.1	---	---	---	---
PW-1	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	---	---	---	---
PW-1	11/17/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	---	---	---	---
PW-1	05/17/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PW-1	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	---	---	---	---
PW-1	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
PW-1	11/07/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	---	---	---	---
PW-1	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	10/23/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	10/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	11/04/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	---	---	---	---
PW-1	05/09/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	12/07/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	05/05/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	11/14/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	04/18/08	Secor	<50	460	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	11/21/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-1	04/20/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	11/07/19	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PW-2	11/25/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	76	3.3	---	---	---	---
PW-2	07/14/97	Terra Services	140	---	<500	---	---	<0.50	<0.50	<0.50	<1	160	<5	---	---	---	---
PW-2	01/06/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	82	<5	---	---	---	---
PW-2	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	37	0.9	---	---	---	---
PW-2	08/25/98	Geomatrix	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	<0.50	---	---	---	---
PW-2	11/16/98	Alton Geoscience	<300	---	---	---	---	16	18	2	10.9	35	58	---	---	---	---
PW-2	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	79	2.4	---	---	---	---
PW-2	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	---	---	---	---
PW-2	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	32	<1	---	---	---	---
PW-2	11/19/99	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	45	0.7	---	---	---	---
PW-2	02/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	58	<0.50	---	---	---	---
PW-2	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	0.8	---	---	---	---
PW-2	08/29/00	Secor	<300	760	---	---	---	<0.50	<0.50	<0.50	<0.50	56	0.6	---	---	---	---
PW-2	11/29/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	0.6	---	---	---	---
PW-2	02/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	28	0.8	---	---	---	---
PW-2	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	<0.50	---	---	---	---
PW-2	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	24	<0.50	---	---	---	---
PW-2	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	<0.50	---	---	---	---
PW-2	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-2	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	1.7	19	<0.50	---	---	---	---
PW-2	10/24/02	Secor	<300	1000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	01/16/03	Geomatrix	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
PW-2	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---
PW-2	07/07/03	Geomatrix	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PW-2	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	---	---	---	---
PW-2	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	0.56	---	---	---	---
PW-2	07/08/04	Geomatrix	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	11/03/04	Secor	83	140	---	---	---	<0.50	<0.50	<0.50	<0.50	52	1.5	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PW-2	05/06/05	Secor	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	70	6.2	---	---	---	---
PW-2	11/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	05/04/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	<0.50	---	---	---	---
PW-2	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.57	<0.50	---	---	---	---
PW-2	11/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/25/96	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	110	<5	---	---	---	---
PW-3	07/14/97	Terra Services	140	---	<500	---	---	5.9	2.4	2.9	8.4	67	<5	---	---	---	---
PW-3	01/08/98	Terra Services	<100	---	<500	---	---	1.2	1.1	<0.50	<1.5	46	<6	---	---	---	---
PW-3	05/22/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	48	1.6	---	---	---	---
PW-3	08/25/98	Geomatrix	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35.3	<0.50	---	---	---	---
PW-3	11/16/98	Alton Geoscience	<300	---	---	---	---	<0.50	4.5	0.6	3.6	21	<0.50	---	---	---	---
PW-3	02/03/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	25	<0.50	---	---	---	---
PW-3	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	21	<0.50	---	---	---	---
PW-3	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	13	<1	---	---	---	---
PW-3	11/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.5	<0.50	---	---	---	---
PW-3	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	---	---	---	---
PW-3	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
PW-3	11/06/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.8	<0.50	---	---	---	---
PW-3	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3	<0.50	---	---	---	---
PW-3	10/24/02	Secor	<300	1600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	01/16/03	Geomatrix	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
PW-3	04/08/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	---	---	---	---
PW-3	07/07/03	Geomatrix	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PW-3	10/07/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	---	---	---	---
PW-3	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	07/13/04	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/03/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	---	---	---	---
PW-3	11/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	05/03/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	---	---	---	---
PW-3	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/15/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	04/17/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	10/17/08	Stantec	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	04/20/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	<10	<1	<1	<1
PW-3	10/21/09	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.86	<0.50	<10	<1	<1	<1
PW-3	05/26/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1	<1	<1
PW-3	10/06/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	1	<1	<1
PW-3	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/29/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PW-3	10/22/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/21/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.67	<0.50	<10	<1	<1	<1
PW-3	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/19/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/31/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	05/11/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	11/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	05/06/21	Jacobs	<50	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-1	11/27/96	Terra Services	---	---	---	---	---	79	16	140	49	15	610	---	---	---	---
PZ-1	07/16/97	Terra Services	220	---	<500	---	---	<0.50	<0.50	13	<1	3	480	---	---	---	---
PZ-1	01/06/98	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	1.3	17	---	---	---	---
PZ-1	05/26/98	Terra Services	400	---	---	---	---	<5	<5	<5	<10	<5	370	---	---	---	---
PZ-1	11/16/98	Alton Geoscience	516	<100	---	---	---	110	67	8	38	7.2	320	---	---	---	---
PZ-1	05/06/99	Alton Geoscience	2000	---	<500	---	---	500	<2	13	120	<5	230	---	---	---	---
PZ-1	11/17/99	Secor	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<2.5	210	---	---	---	---
PZ-1	05/17/00	Secor	350	740	---	---	---	51	<2.5	2.7	<2.5	<2.5	250	---	---	---	---
PZ-1	11/29/00	Secor	390	720	---	---	---	79	<2.5	<2.5	<2.5	<2.5	260	---	---	---	---
PZ-1	05/08/01	Secor	<300	380	---	---	---	15	<0.50	<0.50	<0.50	<0.50	330	---	---	---	---
PZ-1	11/06/01	Secor	550	140	---	---	---	8.4	<0.50	<0.50	0.7	1.4	470	---	---	---	---
PZ-1	04/09/02	Secor	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<2.5	270	---	---	---	---
PZ-2	04/11/13	CH2M Hill	210	---	940	---	---	9.9	<1	13	<1	<2	<1	<20	<2	<2	<2
PZ-2	10/11/13	CH2M Hill	400	---	580	---	---	9	<0.50	1.3	2	<1	<0.50	23	<1	<1	<1
PZ-2	04/17/14	CH2M Hill	330	---	280	---	---	2	<0.50	<0.50	2.6	<1	0.6	25	<1	<1	<1
PZ-2	04/23/15	CH2M Hill	250	---	810	---	---	<1	<1	2.5	13	<2	<1	29	<2	<2	<2
PZ-2	10/27/15	CH2M	210	---	460	---	---	1.2	<0.50	1.2	3.8	<0.50	0.56	42	<1	<1	<1
PZ-2	03/15/16	CH2M	1200	---	1800	---	---	150	16	32	72	<2	4	<20	<2	<2	<2
PZ-2	04/13/16	CH2M	2300	---	1300	---	---	110	20	120	390	<2	1.3	<20	<2	<2	<2
PZ-2	06/30/16	CH2M	790	---	550	---	---	77	3	21	43	<0.50	1.2	<10	1	<1	<1
PZ-2	08/23/16	CH2M	590	---	570	---	---	62	7.9	12	37	0.55	1.3	11	1.4	<2	0.38
PZ-2	10/06/16	CH2M	410	---	550	---	---	3.5	0.84	8.2	22	<0.50	1.7	23	<1	<1	<1
PZ-2	04/20/17	CH2M	<50	---	94	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	<10	<1	<1	<1
PZ-2	10/05/17	CHHL	120	---	440	---	---	<0.50	<0.50	<0.50	2.6	<0.50	1.1	<10	<1	<1	<1
PZ-2	04/19/18	CHHL	110	---	680	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	<10	<1	<1	<1
PZ-2	11/09/18	CHHL	<50	---	200	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5 J	<10	<1	<1	<1
PZ-2	04/19/19	CHHL	<50	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
PZ-2	10/30/19	Jacobs	<50	---	410	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-2	05/11/20	Jacobs	<50	---	270	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1.0	<1.0	<1.0
PZ-2	11/06/20	Jacobs	<50	---	320	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1.0	<1.0	<1.0
PZ-2	05/05/21	Jacobs	<50	---	620	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1.0	<1.0	<1.0
PZ-3	04/22/04	Blaine Tech for Parsons	---	56000	---	---	---	6300	<1500	4100	24000	---	<25000	---	---	---	---
PZ-3	04/22/09	Blaine Tech for Parsons	---	---	---	---	2200	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
PZ-3	04/15/10	Blaine Tech for DESC	---	---	---	---	1600	2.2	<0.50	<0.50	<0.50	<0.50	0.74	<10	<2	<2	<2
PZ-3	10/08/10	Blaine Tech for Parsons	---	---	---	---	430	0.6	---	---	---	<0.50	0.69	<10	---	---	---
PZ-3	04/14/11	Blaine Tech for Parsons	---	---	---	---	2700	1.3	<0.50	<0.50	<0.50	<0.50	0.71	<10	<2	<2	<2
PZ-3	10/14/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
PZ-3	04/19/12	Parsons	---	---	---	---	590	0.68	<0.50	<0.50	0.26 J	<0.50	0.52	6.6 J	<2	<2	<2
PZ-3	10/19/12	Parsons	---	---	---	---	5000	280	<0.50	150	362	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PZ-3	10/09/13	Parsons	2100	---	10000 HD	---	---	53	0.25 J	44	95.3	<0.50	1.6	<10	<2	<2	<2
PZ-3	04/18/14	Parsons	5300 HD	---	6900 HD	---	---	420	<0.50	7.4	1.86	<0.50	1.2	18	<2	<2	<2
PZ-3	11/03/14	SGI	1300	---	2700	---	---	52	<0.50	1.4	<1	<0.50	3.7	12	<2	<2	<2
PZ-3	04/22/15	SGI	3000	---	3600	---	---	59	<0.50	1.2	<1	<0.50	2.8	<10	<2	<2	<2
PZ-3	10/10/17	TSGS	710	---	1500	---	---	28	<1	<1	<2	<1	<2	<20	<4	<4	<4
PZ-3	04/20/18	TSGS	690	---	5300 J	---	---	94	<1	1.9	1	<1	11	<20	<4	<4	<4
PZ-3	11/12/18	TSGS	690	---	4300	---	---	16	<0.50	0.5	<1	<0.50	2.3	<10	<2	<2	<2
PZ-3	04/19/19	TSGS	<100	---	330	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
PZ-3	10/31/19	SGI	210	---	520	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	3.1	<10	<2.0	<2.0	<2.0
PZ-3	05/08/20	SGI	<100	---	490	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-3	10/26/20	SGI	<100	---	470	---	---	<0.50	<0.50J	<0.50J	<1.0	<0.50	1.6	<10	<2.0	<2.0	<2.0
PZ-3	05/07/21	SGI	<100	---	2700	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-5	10/07/03	Secor	6900	<100	---	---	---	11	<10	<10	<10	<20	9100	---	---	---	---
PZ-5	05/05/05	Secor	<50	<100	---	---	---	0.87	<0.50	<0.50	<0.50	<0.50	43	---	---	---	---
PZ-5	11/02/05	Secor	1200	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	2100	---	---	---	---
PZ-5	02/28/06	Secor	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	380	---	---	---	---
PZ-5	05/04/06	Secor	1200	<100	---	---	---	<2	<2	<2	<2	<4	1900	---	---	---	---
PZ-5	09/19/06	Secor	480	<100	---	---	---	<1	<1	<1	<1	<2	1200	---	---	---	---
PZ-5	12/07/06	Secor	480	<100	---	---	---	<1.5	<1.5	<1.5	<1.5	<3	960	---	---	---	---
PZ-5	03/13/07	Secor	320	<100	---	---	---	<1	<1	<1	<1	<2	690	---	---	---	---
PZ-5	05/04/07	Secor	400	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	610	---	---	---	---
PZ-5	08/29/07	Secor	380	<100	---	---	---	<1	<1	<1	<1	<2	480	---	---	---	---
PZ-5	11/15/07	Secor	370	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	470	---	---	---	---
PZ-5	02/20/08	Secor	940	560	---	---	---	<1	<1	<1	<1	<2	750	---	---	---	---
PZ-5	04/15/08	Secor	750	330	---	---	---	<1	<1	<1	<1	<2	740	---	---	---	---
PZ-5	08/12/08	Secor	1500	370	---	---	---	<2	<2	<2	<2	<4	2000	---	---	---	---
PZ-5	10/16/08	Stantec	<3000	210	---	---	---	22	<15	<15	<15	<30	1900	---	---	---	---
PZ-5	02/24/09	Blaine Tech	1000	440	---	---	---	61	<1	<1	<1	<2	1200	37000	---	---	---
PZ-5	02/24/09	Blaine Tech	1200	760	---	---	---	250	<2	5.7	<2	<4	1200	35000	<4	<4	<4
PZ-5	04/23/09	Blaine Tech for AMEC GMX	1200	760	---	---	---	250	<2	5.7	<2	<4	1200	35000	<4	<4	<4
PZ-5	07/22/09	Blaine Tech	3800	1800	---	---	---	2000	20	98	77	<5	800	54000	<5	<5	<5
PZ-5	10/23/09	Blaine Tech for Parsons	2900	1300	---	---	---	1100	18	53	69	<10	500	50000	<10	<10	<10
PZ-5	03/16/10	Blaine Tech for Parsons	1700	890	---	---	---	370	2.1	33	9.4	<4	350	58000	<4	<4	<4
PZ-5	04/16/10	Blaine Tech	1600	1100	---	---	---	110	<2.5	9.7	4.6	<5	340	91000	<5	<5	<5
PZ-5	05/27/10	Blaine Tech	3200000 J	1300	---	---	---	1100	<25	66	<25	<50	360	69000	<50	<50	<50
PZ-5	07/14/10	Blaine Tech	4600	1300	---	---	---	1900	<10	180	<10	<20	530	82000	<20	<20	<20
PZ-5	08/12/10	Blaine Tech	9100	1600	---	---	---	4400	<5	340	42	<10	490	64000	<10	<10	<10
PZ-5	09/20/10	Blaine Tech	8500	1800	---	---	---	4200	2.8	110	12	<4	370	43000	<4	<4	<4
PZ-5	10/07/10	Blaine Tech	6300	1000	---	---	---	3100	<20	56	<20	<40	150	40000	<40	<40	<40
PZ-5	11/16/10	Blaine Tech	3400	1600	---	---	---	1600	<10	10	15	<20	130	20000	<20	<20	<20
PZ-5	12/22/10	Blaine Tech	3400	1700	---	---	---	1600	<10	<10	<10	<20	100	22000	<20	<20	<20
PZ-5	01/12/11	Blaine Tech	<4000	1200	---	---	---	1500	<5	<5	<5	<10	130	38000	<10	<10	<10
PZ-5	02/24/11	Blaine Tech	1400	400	---	---	---	390	<2	<2	3.8	<4	84	27000	<4	<4	<4
PZ-5	03/23/11	Blaine Tech	1100	820	---	---	---	210	<1	<1	2.4	<2	140	29000	<2	<2	<2
PZ-5	04/13/11	Blaine Tech	830	520	---	---	---	59	<1	<1	<1	<2	120	28000	<2	<2	<2
PZ-5	05/13/11	Blaine Tech	2000	830	---	---	---	710	4.7	25	25.8	<5	140	34000	<5	<5	<5
PZ-5	06/22/11		4500	1100	---	---	---	960	9	30	80	<10	100	33000	<10	<10	<10
PZ-5	07/12/11	CH2M Hill	3300	1200	---	---	---	1500	16	50	77	<20	110	34000	<20	<20	<20
PZ-5	08/19/11	CH2M Hill	2600	1200	---	---	---	750	9	63	45	<10	150	47000	<10	<10	<10
PZ-5	09/22/11	CH2M Hill	4700	1400	---	---	---	1600	33	100	200	<20	200	64000	<20	<20	<20
PZ-5	10/14/11	CH2M Hill	4600	1500	---	---	---	1500	31	130	190	<10	170	58000	<10	<10	<10

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PZ-5	11/28/11	CH2M Hill	4600	1500	---	---	---	1700	18	150	140	<20	220	61000	<20	<20	<20
PZ-5	12/21/11	CH2M Hill	5900	2000	---	---	---	2200	57	160	390	<20	190	61000	<20	<20	<20
PZ-5	01/10/12	CH2M Hill	5400	1900	---	---	---	2000	44	140	330	<20	200	38000	<20	<20	<20
PZ-5	02/23/12	CH2M HILL	8400	1700	---	---	---	3300	86	280	760	<40	370	29000	<40	<40	<40
PZ-5	03/28/12	CH2M HILL	4100	---	270	---	---	1800	20	100	170	<20	150	29000	<20	<20	<20
PZ-5	04/19/12	CH2M Hill	2900	---	260	---	---	1300	<10	97	20	<20	140	58000	<20	<20	<20
PZ-5	05/25/12	CH2M HILL	7500	---	340	---	---	3700	42	210	250	<30	240	68000	<30	<30	<30
PZ-5	06/15/12	CH2M HILL	8400 J	---	440	---	---	4500	60	190	320	<100	500	75000	<100	<100	<100
PZ-5	07/10/12	CH2M Hill	7600	---	360	---	---	3400	31	150	200	<20	700	66000	<20	<20	<20
PZ-5	08/29/12	CH2M Hill	4500	---	900	---	---	2300	17	110	66	<20	1000	140000	<20	<20	<20
PZ-5	09/26/12	CH2M Hill	6200	---	390	---	---	2000	25	160	110	<20	1500	67000	<20	<20	<20
PZ-5	10/18/12	CH2M Hill	9900	---	520	---	---	3300	55	200	180	<80	5600	83000	<80	<80	<80
PZ-5	11/29/12	CH2M Hill	8300	---	420	---	---	3000	35	200	69	<40	3200	97000	<40	<40	<40
PZ-5	12/26/12	CH2M Hill	5200	---	480	---	---	2600	18	160	55	<5	3300	130000	<5	<5	<5
PZ-5	01/15/13	CH2M Hill	9400	---	1400	---	---	3900	41	200	100	<50	4800	100000	<50	<50	<50
PZ-5	02/20/13	CH2M Hill	12000	---	1400	---	---	5400	67	310	310	<100	8600	110000	<100	<100	<100
PZ-5	04/11/13	CH2M Hill	10000	---	2300	---	---	4100	37	300	140	<40	4800	83000	<40	<40	<40
PZ-5	10/11/13	CH2M Hill	49000	---	6200	---	---	11000	<100	590	250	<200	32000	210000	<200	<200	<200
PZ-5	04/16/14	CH2M Hill	250000	---	3700	---	---	70000	<200	5800	200	<400	150000	2800000	<400	<400	<400
PZ-5	10/30/14	CH2M Hill	16000	---	6500	---	---	5600	<50	410	<50	<100	440	110000	<100	<100	<100
PZ-5	04/23/15	CH2M Hill	3100	---	2100	---	---	1100	<5	120	18	<10	150	64000	<10	<10	<10
PZ-5	10/26/15	CH2M	1200	---	1100	---	---	<1	<1	<1	<1	<2	29	46000	<2	<2	<2
PZ-5	04/14/16	CH2M	860	---	400	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	72000	<1	<1	<1
PZ-5	10/06/16	CH2M	1200	---	970	---	---	<1	<1	<1	1.4	<2	7.2	110000	<2	2.7	<2
PZ-5	04/21/17	CH2M	16000	---	840	---	---	5800	450	910	1900	<40	770	47000	<40	<40	44
PZ-5	10/05/17	CHHL	910	---	270	---	---	1.7	<1	20	1.6	<2	23	30000	<2	<2	<2
PZ-5	04/19/18	CHHL	550	---	420	---	---	<0.50	<0.50	<0.50	<0.50	<1	3.6	97000 *	<1	<1	<1
PZ-5	11/09/18	CHHL	3100	---	470	---	---	<1.5	<1.5	<1.5	<1.5	<3	2.2	56000	<3	<3	<3
PZ-5	04/18/19	CHHL	1700	---	520	---	---	66	<1	<1	3.3 J	<2	6.2	150000	<2	3.7	<2
PZ-5	10/31/19	Jacobs	1200	---	420	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	3.4	47,000	<1.0	2.5	<1.0
PZ-5	05/07/20	Jacobs	700	---	650	---	---	2.4	<1.0	<1.0	<1.0	<2.0	4.0	100,000	<2.0	3.3	<2.0
PZ-5	11/06/20	Jacobs	700	---	330	---	---	<0.50	<0.50	<0.50	14	<1.0	190	25000	<1.0	<1.0	1
PZ-5	05/05/21	Jacobs	270	---	300	---	---	<0.50	0.53	<0.50	11	<1.0	270	9,000	<1.0	<1.0	<1.0
PZ-6	11/30/00	Secor	<300	<100	---	---	---	<0.50	0.5	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	05/08/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	07/08/03	Geomatrix	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PZ-6	04/27/04	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	07/08/04	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	---	---	---
PZ-7A	06/13/03	Secor	340	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	660	---	---	---	---
PZ-7A	09/24/03	Secor	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	390	---	---	---	---
PZ-7A	10/10/03	Geomatrix	240	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	340	---	---	---	---
PZ-7A	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	---	---	---	---
PZ-7B	06/13/03	Secor	98	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.51	51	---	---	---	---
PZ-7B	09/24/03	Secor	61	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	67	---	---	---	---
PZ-7B	10/10/03	Geomatrix	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	---	---	---	---
PZ-7B	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8A	06/13/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	12	---	---	---	---
PZ-8A	09/24/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
PZ-8A	10/10/03	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.8	---	---	---	---
PZ-8A	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8A	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PZ-8B	06/13/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	31	---	---	---	---
PZ-8B	09/24/03	Secor	86	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	180	---	---	---	---
PZ-8B	10/10/03	Geomatrix	310	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	440	---	---	---	---
PZ-8B	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8B	12/06/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	06/13/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	09/24/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	10/10/03	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9B	06/13/03	Secor	75	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	50	---	---	---	---
PZ-9B	09/24/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.9	---	---	---	---
PZ-9B	10/10/03	Geomatrix	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.9	---	---	---	---
PZ-9B	08/02/05	Secor	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
PZ-10	08/01/03	Secor	6300	1800	---	---	---	710	130	150	890	<10	47	---	---	---	---
PZ-10	10/07/03	Secor	6200	1900	---	---	---	1000	21	230	600	<10	55	---	---	---	---
PZ-10	01/27/04	Secor	3100	1800	---	---	---	560	5.4	63	201	<5	28	---	---	---	---
PZ-10	04/22/04	Secor	11000	8300	---	---	---	2100	29	470	1490	<20	110	---	---	---	---
PZ-10	07/19/04	Secor	4800	2500	---	---	---	890	<5	210	278	<10	45	---	---	---	---
PZ-10	11/03/04	Secor	4600	2800	---	---	---	920	9.1	280	580	<10	50	---	---	---	---
PZ-10	02/03/05	Secor	1000	1200	---	---	---	250	1.4	34	108	<2	42	---	---	---	---
PZ-10	05/04/05	Secor	<50	350	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-10	08/01/05	Secor	<50	<100	---	---	---	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-10	11/02/05	Secor	<100	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
PZ-10	02/27/06	Secor	<200	1600	---	---	---	<1	<1	<1	<1	<2	6.1	---	---	---	---
PZ-10	05/09/06	Secor	<1000	1600	---	---	---	5.1	<5	<5	<5	<10	36	---	---	---	---
PZ-10	09/20/06	Secor	<200	640	---	---	---	<1	<1	<1	<1	<2	3.6	---	---	---	---
PZ-10	12/06/06	Secor	<500	2400	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	5.5	---	---	---	---
PZ-10	03/13/07	Secor	<500	1100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
PZ-10	05/03/07	Secor	<1000	7100	---	---	---	6.1	<5	<5	<5	<10	<5	---	---	---	---
PZ-10	08/30/07	Secor	<200	1000	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
PZ-10	11/14/07	Secor	<50	360	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-10	02/21/08	Secor	<200	510	---	---	---	65	<1	3.1	9.4	<2	<1	---	---	---	---
PZ-10	04/16/08	Secor	950	670	---	---	---	360	5	20	85	<5	11	---	---	---	---
PZ-10	10/16/08	Stantec	<200	1100	---	---	---	18	<1	<1	<1	<2	1.7	---	---	---	---
PZ-10	04/20/09	Blaine Tech for AMEC GMX	560	2600	---	---	---	26	<1	3.2	<1	<2	12	38	5.2	<2	<2
PZ-10	07/21/09	Blaine Tech	<200	1700	---	---	---	1.4	<1	<1	<1	<2	9.6	55	3.1	<2	<2
PZ-10	10/22/09	Blaine Tech for Parsons	<200	1200	---	---	---	<1	<1	<1	<1	<2	4.4	30	<2	<2	<2
PZ-10	05/27/10	Blaine Tech	<100	940	---	---	---	0.92	<0.50	<0.50	<0.50	<1	1.4	<10	<1	<1	<1
PZ-10	10/07/10	Blaine Tech	<100	<830	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
PZ-10	04/13/11	Blaine Tech	<200	910	---	---	---	2.8	<1	<1	<1	<2	<1	<20	2.2	<2	<2
PZ-10	04/19/12	CH2M Hill	<200	---	570	---	---	4.9	<1	<1	<1	<2	<1	39	3.4	<2	<2
PZ-10	10/17/12	CH2M Hill	<500	---	970	---	---	32	<2.5	<2.5	<2.5	<5	<2.5	<50	6.4	<5	<5
PZ-10	10/26/15	CH2M	340	---	1200	---	---	<1.5	<1.5	<1.5	6.2	<3	<1.5	140	<3	<3	<3
PZ-10	04/14/16	CH2M	<200	---	240	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
RTF-18-N	04/24/17	SGI	25000	---	5200	---	---	1700	6.7	800	2500	<5	<10	<100	<20	<20	<20
RTF-18-NNW	04/24/17	SGI	30000	---	6900	---	---	5000	16	1500	5200	<5	<10	<100	<20	<20	<20
TF-8	09/18/03	Blaine Tech for Parsons	---	<100	---	---	---	1.2	<0.50	0.77	2.74	<0.50	24	---	---	---	---
TF-8	02/21/04	Blaine Tech for Parsons	---	---	---	520	---	3.2	<0.50	<0.50	1.4	---	46	---	---	---	---
TF-8	10/10/13	Parsons	<100	---	490 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<2	<2	<2
TF-8	04/18/14	Parsons	140 HD	---	450 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	<10	<2	<2	<2
TF-8	10/29/14	SGI	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
TF-8	04/29/15	SGI	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-8	10/23/15	SGI	<100	---	830	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-8	04/12/16	SGI	<100	---	1000	---	---	0.52	<0.50	1.2	4.1	<0.50	1.7	<10	<2	<2	<2
TF-8	10/10/16	SGI	<100	---	770	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.2	<10	<2	<2	<2
TF-8	04/20/17	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	10/05/17	TSGS	<100	---	640	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	04/19/18	TSGS	<100	---	780	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	11/08/18	TSGS	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	04/17/19	TSGS	<100	---	300 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	11/05/19	SGI	<100	---	330	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	05/11/20	SGI	<100	---	280	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	10/26/20	SGI	<100	---	250	---	---	<0.50	<0.50J	<0.50J	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	05/07/21	SGI	<100	---	270	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9	10/10/13	Parsons	960 HD	---	2200 HD	---	---	2.1	0.27 J	0.8	0.3	<0.50	<0.50	32	<2	<2	<2
TF-9	04/18/14	Parsons	3400 HD	---	2900 HD	---	---	3.6	0.27 J	3.1	8.1	<0.50	<0.50	25	<2	<2	<2
TF-9	10/31/14	SGI	1100	---	1300	---	---	6	<0.50	0.84	0.69	<0.50	<2	22	<2	<2	<2
TF-9R	10/05/17	TSGS	1500	---	1500	---	---	36	<0.50	6.5	0.51	<0.50	<1	<10	<2	<2	<2
TF-9R	04/20/18	TSGS	750	---	1700 J	---	---	34	<2.5	3.4	<5	<2.5	<5	<50	<10	<10	<10
TF-9R	11/12/18	TSGS	1500	---	2400	---	---	26	<2	7.1	<4	<2	<4	<40	<8	<8	<8
TF-9R	04/19/19	TSGS	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-9R	10/31/19	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	05/07/20	SGI	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	10/20/20	SGI	<100	---	250	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
TF-9R	05/07/21	SGI	<100	---	900	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-14	09/18/03	Blaine Tech for Parsons	---	20000	---	---	---	210	<2.5	62	88.8	<2.5	<2.5	---	---	---	---
TF-14	02/21/04	Blaine Tech for Parsons	---	---	---	12000	---	370	<1	130	125.9	---	1.2	---	---	---	---
TF-15	05/12/20	SGI	2000	---	1600	---	---	230	<5.0	51	21	<5.0	<12	<100	<20	<20	<20
TF-15	10/26/20	SGI	160	---	2300	---	---	59	<2.5J	<2.5J	<5.0	<2.5	<6.0	<50	<10	<10	<10
TF-15	05/12/21	SGI	1100	---	6600	---	---	37	<0.50	15	19	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	04/14/03	GTI	---	4450	---	---	---	23.8	5.03	15.3	16.8	---	9.51	---	---	---	---
TF-16	09/18/03	Blaine Tech for Parsons	---	59000	---	---	---	280	8.3	24	211	<0.50	9.1	---	---	---	---
TF-16	10/11/03	Blaine Tech for Parsons	---	7400	---	---	---	150	7	27	91	---	<25	---	---	---	---
TF-16	02/21/04	Blaine Tech for Parsons	---	---	---	48000	---	120	2.4	23	89	---	5.6	---	---	---	---
TF-16	04/21/04	Blaine Tech for Parsons	---	23000	---	---	---	200	30	40	320	---	4.6	---	---	---	---
TF-16	11/04/04	Blaine Tech for Parsons	---	16000	---	---	---	180	4	20	320	---	<10	---	---	---	---
TF-16	05/06/05	Blaine Tech for Parsons	---	27000	---	---	---	43	10	4.6	73	---	<25	---	---	---	---
TF-16	11/08/05	Blaine Tech for Parsons	---	4200	---	---	---	25	0.86	3.4	20	---	8.5	---	---	---	---
TF-16	05/04/06	Blaine Tech for Parsons	---	33000	---	---	---	52	0.89	10	49	---	<5	---	---	---	---
TF-16	12/08/06	Blaine Tech for Parsons	---	3500	---	---	---	28	<0.50	1.5	3	---	<5	---	---	---	---
TF-16	05/04/07	Blaine Tech for Parsons	---	13000	---	---	---	520	<2.5	5.4	10	---	<25	---	---	---	---
TF-16	11/15/07	Blaine Tech for Parsons	---	5200	---	---	---	450	<0.50	<0.50	<1	---	9.3	---	---	---	---
TF-16	04/17/08	Blaine Tech for Parsons	---	4300	---	---	---	570	1.3	3.2	4.1	---	<10	---	---	---	---
TF-16	10/16/08	Blaine Tech for Parsons	---	---	---	---	3100	330	<2.5	<2.5	<2.5	<2.5	6.3	<50	<10	<10	<10
TF-16	04/24/09	Blaine Tech for Parsons	---	---	---	---	2200	24	<0.50	<0.50	<0.50	<0.50	4.1	11	<2	<2	<2
TF-16	10/26/09	Blaine Tech for DESC	---	---	---	---	960	7.6	<0.50	0.34 J	<0.50	<0.50	3.9	11	<2	<2	0.35 J
TF-16	04/15/10	Blaine Tech for DESC	---	---	---	---	1000	10	<0.50	0.38 J	<0.50	---	3.5	8.2 J	<2	<2	0.42 J
TF-16	04/15/11	Blaine Tech for Parsons	---	---	---	---	870	---	---	---	---	---	---	---	---	---	---
TF-16	04/22/11	Blaine Tech for Parsons	---	---	---	---	---	40	<0.50	1.1	0.8	<0.50	3.4	11	<2	<2	0.39 J
TF-16	04/19/12	Parsons	2100	---	---	---	2100	10	<0.50	0.83	0.67 J	<0.50	3.4	17	<2	<2	0.67 J
TF-16	04/11/13	Parsons	1200 b	---	2500 b	---	---	180	<0.50	1.5	1.08 J	<0.50	4.8	6 J	<2	<2	<2
TF-16	10/08/13	Parsons	860 HD	---	2300 HD	---	---	170	<0.50	1.1	0.58	<0.50	4.2	8.5 J	<2	<2	0.64 J

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
TF-16	04/17/14	Parsons	6000 HD	---	7600 HD	---	---	740	3	31	110	<0.50	4.6	8.2 J	<2	<2	0.98 J
TF-16	05/12/20	SGI	3400	---	2000	---	---	100	<2.5	<2.5	<5.0	<2.5	<6.0	<50	<10	<10	<10
TF-16	10/26/20	SGI	170	---	2100	---	---	32	<1.0J	4.3 J	<2.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
TF-16	05/12/21	SGI	270	---	2600	---	---	7.8	<0.50	0.61	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-17	10/09/13	Parsons	18000 HD	---	32000 HD	---	---	33	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
TF-17	04/17/14	Parsons	8900 HD	---	14000 HD	---	---	13	<2.5	<2.5	<2.5	<2.5	2.7	<50	<10	<10	<10
TF-17	11/03/14	SGI	2900	---	7100	---	---	68	2.3	46	230	<0.50	2.8	<10	<2	<2	<2
TF-17R	05/12/20	SGI	5800	---	11000	---	---	370	<50	590	1200	<50	<120	<1000	<200	<200	<200
TF-17R	11/23/20	SGI	5700	---	3700	---	---	46 J	<5.0J	190 J	490 J	<5.0J	<12J	<100J	<20J	<20J	<20J
TF-17R	05/10/21	SGI	8600	---	5600	---	---	67	<2.5	260	590	<2.5	<6.0	76	<10	<10	<10
TF-18	04/24/17	SGI	54000	---	7300	---	---	320	<5	340	530	<5	<10	<100	<20	<20	<20
TF-18	11/07/19	SGI	5600	---	9300	---	---	33	<5.0	88	34	<5.0	<1.2	<100	<20	<20	<20
TF-18	11/23/20	SGI	3800	---	16000 J	---	---	18	<2.5	4.3 J	3	<2.5	<6.0	700	<10	<10	<10
TF-18	05/12/21	SGI	27000	---	21000	---	---	13	<1.0	19	4.0	<1.0	<2.4	200	<4.0	<4.0	<4.0
TF-19	11/06/18	TSGS	710	---	1500	---	---	<0.50	<0.50	0.54	1	<0.50	<1	<10	<2	<2	<2
TF-20R	10/10/17	TSGS	1300	---	660	---	---	490	<5	<5	<10	<5	<10	<100	<20	<20	<20
TF-20R	04/24/18	TSGS	900	---	540	---	---	290	<5	<5	<10	<5	<10	<100	<20	<20	<20
TF-20R	11/15/18	TSGS	700	---	620	---	---	130	<5	<5	<10	<5	<10	<100	<20	<20	<20
TF-20R	04/22/19	TSGS	540	---	440	---	---	74	<0.50	<0.50	1.1	<0.50	<1	<10	<2	<2	<2
TF-20R	11/06/19	SGI	810	---	640	---	---	29	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	05/11/20	SGI	410	---	600	---	---	25	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	10/28/20	SGI	170	---	430	---	---	<0.50J	<0.50J	<0.50J	<1.0J	<0.50J	<1.2J	<10J	<2.0J	<2.0J	<2.0J
TF-20R	05/10/21	SGI	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	04/10/03	GTI	---	476	---	---	---	267	1.63	8.13	9.83	---	<3	---	---	---	---
TF-21	09/18/03	Blaine Tech for Parsons	---	1800	---	---	---	560	<5	5.6	<5	<5	<5	---	---	---	---
TF-21	10/08/03	Blaine Tech for Parsons	---	2500	---	---	---	390	<0.60	4.2	<0.60	---	<10	---	---	---	---
TF-21	02/21/04	Blaine Tech for Parsons	---	---	---	1500	---	820	<2.5	<2.5	<2.5	---	3.6	---	---	---	---
TF-21	04/21/04	Blaine Tech for Parsons	---	2000	---	---	---	550	<1	1.6	<1	---	2.7	---	---	---	---
TF-21	11/04/04	Blaine Tech for Parsons	---	860	---	---	---	10	<0.30	<0.30	1.2	---	<5	---	---	---	---
TF-21	05/05/05	Blaine Tech for Parsons	---	3600	---	---	---	190	13	45	310	---	<100	---	---	---	---
TF-21	11/05/05	Blaine Tech for Parsons	---	2200	---	---	---	140	0.61	3.7	39	---	6.1	---	---	---	---
TF-21	05/03/06	Blaine Tech for Parsons	---	3200	---	---	---	140	4.3	3.9	10	---	5.1	---	---	---	---
TF-21	12/06/06	Blaine Tech for Parsons	---	1100	---	---	---	44	<0.50	<0.50	5	---	<5	---	---	---	---
TF-21	05/04/07	Blaine Tech for Parsons	---	3200	---	---	---	80	0.93	0.86	2.2	---	7.2	---	---	---	---
TF-21	11/16/07	Blaine Tech for Parsons	---	790	---	---	---	170	<0.50	<0.50	<1	---	<5	---	---	---	---
TF-21	04/17/08	Blaine Tech for Parsons	---	980	---	---	---	190	<0.50	4.4	2.4	---	<5	---	---	---	---
TF-21	10/15/08	Blaine Tech for Parsons	---	---	---	---	810	37	<0.50	<0.50	<0.50	<0.50	1	23	<2	<2	<2
TF-21	04/24/09	Blaine Tech for Parsons	---	---	---	---	350	40	<0.50	<0.50	<0.50	<0.50	<0.50	18	<2	<2	<2
TF-21	10/26/09	Blaine Tech for DESC	---	---	---	---	960	50	<0.50	0.46 J	<0.50	<0.50	0.74	19	<2	<2	<2
TF-21	04/16/10	Blaine Tech for DESC	---	---	---	---	1100	120	0.37 J	1.1	1.16	---	<0.50	15	<2	<2	<2
TF-21	04/15/11	Blaine Tech for Parsons	---	---	---	---	2000	---	---	---	---	---	---	---	---	---	---
TF-21	04/22/11	Blaine Tech for Parsons	---	---	---	---	---	160	<0.50	1.4	3.1	<0.50	0.71	20	<2	<2	<2
TF-21	04/20/12	Parsons	1600	---	---	---	1900	280	0.27 J	1.7	0.88 J	<0.50	0.99	24	<2	<2	<2
TF-21	04/12/13	Parsons	590 b	---	2700	---	---	130	<0.50	0.5	0.24 J	<0.50	4.1	13	<2	<2	<2
TF-21	10/08/13	Parsons	810 HD	---	2200 HD	---	---	320	<0.50	0.59	0.24	<0.50	7.2	17	<2	<2	<2
TF-21	04/17/14	Parsons	1100 HD	---	2000 HD	---	---	190	0.26 J	0.83	0.48	<0.50	16	20	<2	<2	<2
TF-21	10/30/14	SGI	1500	---	1700	---	---	120	<0.50	1.2	0.54	<0.50	2.2	<10	<2	<2	<2
TF-21	04/29/15	SGI	570	---	1700	---	---	16	<1	<1	<2	<1	<4	<20	<4	<4	<4
TF-21	10/11/16	SGI	1300	---	7800	---	---	8.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	04/21/17	SGI	420	---	1400	---	---	10	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	10/09/17	TSGS	350	---	1700	---	---	4.3	<0.50	<0.50	<1	<0.50	<1	18	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
TF-21	04/23/18	TSGS	180	---	960	---	---	13	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	11/12/18	TSGS	370	---	1400	---	---	5.8	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	04/22/19	TSGS	150	---	710	---	---	1.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	10/30/19	SGI	110	---	310	---	---	2.1	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/08/20	SGI	<100	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	10/23/20	SGI	<100	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/05/21	SGI	<100	---	290	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-23	04/24/17	SGI	410	---	2900	---	---	2.2	0.62	0.9	2.4	<0.50	1.5	94	<2	<2	<2
TF-23	04/22/19	TSGS	560	---	4600	---	---	<0.50	<0.50	<0.50	<1	<0.50	1	92	<2	<2	<2
TF-23	05/11/20	SGI	660	---	7400	---	---	73	<0.50	<0.50	<1.0	<0.50	17	270	<2.0	<2.0	<2.0
TF-23	10/26/20	SGI	550	---	1900	---	---	1.1	<0.50J	<0.50J	<1.0	<0.50	21	1300	<2.0	<2.0	<2.0
TF-23	05/12/21	SGI	670	---	23000	---	---	<2.5	<2.5	<2.5	<5.0	<2.5	20	810	<10	<10	<10
TF-24	10/10/13	Parsons	<100	---	1500 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.4 J	<10	<2	<2	<2
TF-24	04/18/14	Parsons	<100	---	730 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
TF-24	10/29/14	SGI	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-24	04/29/15	SGI	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-24	10/11/16	SGI	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/21/17	SGI	<100	---	1700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	10/05/17	TSGS	<100	---	2500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/20/18	TSGS	<100	---	2900 J	---	---	1.7	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	11/12/18	TSGS	<100	---	2800	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/19/19	TSGS	<100	---	2800	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	11/06/19	SGI	<100	---	2600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	05/11/20	SGI	<100	---	360	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	10/23/20	SGI	<100	---	4200	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	05/12/21	SGI	<100	---	750	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
WCW-1	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	0.6	<5	---	---	---	---
WCW-1	07/15/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-1	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-1	05/23/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-1	08/25/98	Geomatrix	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/02/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
WCW-1	05/06/99	Alton Geoscience	<500	---	<500	---	---	2.1	9.8	0.8	4.4	<1	<0.50	---	---	---	---
WCW-1	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-1	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/19/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	---	---	---	---
WCW-1	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	09/18/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-1	10/11/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	---	---	---	---
WCW-1	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/03/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-1	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<1.7	<5	---	---	---	---
WCW-2	07/08/97	Terra Services	<100	---	<500	---	---	<0.50	3.5	1.4	7.4	0.57	<5	---	---	---	---
WCW-2	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	1	<0.50	---	---	---	---
WCW-2	05/19/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-2	08/25/98	Geomatrix	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/02/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
WCW-2	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	0.8	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-2	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-2	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2	<0.50	---	---	---	---
WCW-2	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
WCW-2	11/30/00	IT Corporation	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	09/18/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-2	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/11/03	Blaine Tech for Parsons	<100	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	04/21/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	12/05/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/07/10	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-2	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/13/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-2	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/18/17	CH2M	<50	---	230	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	11/25/96	GSI	120	---	<500	<500	---	<0.70	<0.50	<0.50	<1.5	190	<5	---	---	---	---
WCW-3	07/15/97	Terra Services	100	---	<500	---	---	<0.50	<0.50	<0.50	<1	190	<5	---	---	---	---
WCW-3	01/05/98	GTI	<500	---	200	<100	---	<0.50	<0.50	<0.50	<1	220	<0.50	---	---	---	---
WCW-3	05/23/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	201	<0.50	---	---	---	---
WCW-3	08/26/98	Geomatrix	<300	304	---	---	---	<2.5	<2.5	<2.5	<2.5	200	<2.5	---	---	---	---
WCW-3	11/03/98	GTI	<300	228	---	---	---	<0.50	<0.50	<0.50	<0.50	190	<0.50	---	---	---	---
WCW-3	02/03/99	Alton Geoscience	<1000	---	<500	---	---	<1	<1	<1	<2	200	<1	---	---	---	---
WCW-3	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	1.3	<0.50	<0.50	<1	1.1	---	---	---	---
WCW-3	08/10/99	Alton Geoscience	<500	---	<1000	---	---	<0.50	<1	<1	<1	130	1.8	---	---	---	---
WCW-3	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	3.3	---	---	---	---
WCW-3	02/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	<0.50	---	---	---	---
WCW-3	05/18/00	Secor	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	92	1	---	---	---	---
WCW-3	08/28/00	Secor	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	90	0.7	---	---	---	---
WCW-3	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	68	<0.50	---	---	---	---
WCW-3	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	81	<0.50	---	---	---	---
WCW-3	05/09/01	Secor	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	63	<0.50	---	---	---	---
WCW-3	09/19/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	<0.50	---	---	---	---
WCW-3	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	51	<0.50	---	---	---	---
WCW-3	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	34	<0.50	---	---	---	---
WCW-3	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	29	<0.50	---	---	---	---
WCW-3	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	47	0.55	---	---	---	---
WCW-3	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	39	<1	---	---	---	---
WCW-3	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	44	<0.50	---	---	---	---
WCW-3	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	34	<0.50	---	---	---	---
WCW-3	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	<0.50	---	---	---	---
WCW-3	10/11/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	22	<0.50	---	---	---	---
WCW-3	01/28/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	43	<0.50	---	---	---	---
WCW-3	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	<0.50	---	---	---	---
WCW-3	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	46	<0.50	---	---	---	---
WCW-3	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	<0.50	<10	<2	<2	<2
WCW-3	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	39	<0.50	---	---	---	---
WCW-3	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	31	<0.50	---	---	---	---
WCW-3	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	26	<0.50	---	---	---	---
WCW-3	11/03/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	19	<0.50	<10	<2	<2	<2
WCW-3	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	---	---	---	---
WCW-3	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	<0.50	---	---	---	---
WCW-3	09/20/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	<0.50	---	---	---	---
WCW-3	12/05/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.6	<0.50	<10	<2	<2	<2
WCW-3	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-3	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-3	02/21/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	08/13/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.6	<0.50	---	---	---	---
WCW-3	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<2	<2	<2
WCW-3	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
WCW-3	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	07/20/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<10	<1	<1	<1
WCW-3	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	<0.50	<10	0.44 J	<2	<2
WCW-3	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.5	<0.50	<10	<1	<1	<1
WCW-3	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<10	<1	<1	<1
WCW-3	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	<10	<1	<1	<1
WCW-3	10/08/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<10	<1	<1	<1
WCW-3	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.3	<0.50	<10	<1	<1	<1
WCW-3	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	<10	<1	<1	<1
WCW-3	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.5	<0.50	<10	<1	<1	<1
WCW-3	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	<10	<1	<1	<1
WCW-3	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.3	<0.50	<10	<1	<1	<1
WCW-3	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.2	<0.50	<10	<1	<1	<1
WCW-3	07/09/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	<10	<1	<1	<1
WCW-3	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<10	<1	<1	<1
WCW-3	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1	<1	<1
WCW-3	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	<10	<1	<1	<1
WCW-3	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
WCW-3	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.88	<0.50	<10	<1	<1	<1
WCW-3	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.84	<0.50	<10	<1	<1	<1
WCW-3	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.74	<0.50	<10	<1	<1	<1
WCW-3	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	<10	<1	<1	<1
WCW-3	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	11/22/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-4	07/08/97	Terra Services	<100	---	<500	---	---	0.5	0.78	<0.50	<1	<0.50	<5	---	---	---	---
WCW-4	01/05/98	GTI	<500	---	<100	300	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-4	05/19/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-4	11/03/98	GTI	<300	475	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/06/99	Alton Geoscience	<500	---	<500	---	---	2.1	7.7	0.62	3.4	<1	<0.50	---	---	---	---
WCW-4	11/17/99	IT Corporation	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/18/00	Secor	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/30/00	IT Corporation	<300	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-4	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-4	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	10/11/03	Blaine Tech for Parsons	<100	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/10/04	Secor	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/05/05	Blaine Tech for Parsons	<100	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	12/05/06	Blaine Tech for Parsons	<100	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/01/07	Secor	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.72	<10	<2	<2	<2
WCW-4	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	---	---	---	---
WCW-4	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.65	<10	<2	<2	<2
WCW-4	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1	<1	<1
WCW-4	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	<10	<2	<2	<2
WCW-4	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/07/10	Blaine Tech for Parsons	<100	---	---	---	130	<0.50	---	---	---	<0.50	0.89	<10	---	---	---
WCW-4	04/13/11	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	<10	<1	<1	<1
WCW-4	10/14/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<10	<2	<2	<2
WCW-4	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1	<1	<1
WCW-4	10/18/12	Parsons	---	---	<50	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<2	<2	<2
WCW-4	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/14/16	CH2M	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/18/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	05/05/20	Jacobs	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	<10	<1.0	<1.0	<1.0
WCW-4	05/04/21	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	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-5	07/08/97	Terra Services	<100	---	<500	---	---	<0.50	7.7	<0.50	1.4	<0.50	<5	---	---	---	---
WCW-5	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	0.7	<0.50	---	---	---	---
WCW-5	05/19/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-5	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/05/99	Alton Geoscience	<500	---	<500	---	---	10	43	3.8	21	<1	<0.50	---	---	---	---
WCW-5	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-5	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-5	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/11/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/06/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	12/05/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/07/10	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-5	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/14/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/08/13	CH2M Hill	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/31/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/04/21	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	<500	---	<0.50	<0.50	<0.50	<1.5	220	24	---	---	---	---
WCW-6	07/15/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	65	10	---	---	---	---
WCW-6	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	159	3	---	---	---	---
WCW-6	05/26/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	83	2	---	---	---	---
WCW-6	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	46	1.8	---	---	---	---
WCW-6	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	53	0.68	---	---	---	---
WCW-6	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---	---
WCW-6	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	0.7	---	---	---	---
WCW-6	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
WCW-6	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	---	---	---	---
WCW-6	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
WCW-6	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-6	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-6	04/10/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	---	---	---	---
WCW-6	10/11/03	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.93	<0.50	---	---	---	---
WCW-6	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	---	---	---	---
WCW-6	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<2	<2	<2
WCW-6	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	12/05/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/07/10	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-6	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.69	<0.50	<10	<1	<1	<1
WCW-6	10/13/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.28 J	<0.50	<10	<2	<2	<2
WCW-6	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.54	<0.50	23	<1	<1	<1
WCW-6	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.8	0.64	<10	<1.0	<1.0	<1.0
WCW-6	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	05/04/21	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	<500	---	<0.50	<0.50	<0.50	<1.5	31	<5	---	---	---	---
WCW-7	07/15/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-7	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	30	<0.50	---	---	---	---
WCW-7	05/23/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	30	<0.50	---	---	---	---
WCW-7	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
WCW-7	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	45	<0.50	---	---	---	---
WCW-7	11/18/99	IT Corporation	<300	190	---	---	---	<0.50	<1	<0.50	0.6	62	1.3	---	---	---	---
WCW-7	05/16/00	Secor	<300	420	---	---	---	<0.50	<0.50	<0.50	<0.50	120	6.4	---	---	---	---
WCW-7	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	83	6	---	---	---	---
WCW-7	02/05/01	Secor	<300	230	---	---	---	<0.50	<0.50	<0.50	<0.50	95	6.1	---	---	---	---
WCW-7	05/10/01	Secor	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	91	9.3	---	---	---	---
WCW-7	09/18/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	140	12	---	---	---	---
WCW-7	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	91	11	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-7	01/30/02	Secor	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	84	8.8	---	---	---	---
WCW-7	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	66	8.4	---	---	---	---
WCW-7	07/30/02	IT Corporation	<300	260	---	---	---	<0.50	<0.50	<0.50	<0.50	74	8.6	---	---	---	---
WCW-7	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	78	9.3	---	---	---	---
WCW-7	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	80	7.3	---	---	---	---
WCW-7	04/10/03	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	6.8	---	---	---	---
WCW-7	07/30/03	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	7.6	---	---	---	---
WCW-7	10/11/03	Blaine Tech for Parsons	<100	260	---	---	---	<0.50	<0.50	<0.50	<0.50	84	9.4	---	---	---	---
WCW-7	01/28/04	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	10	---	---	---	---
WCW-7	05/10/04	Secor	<100	170	---	---	---	<0.50	<0.50	<0.50	<0.50	73	6.7	---	---	---	---
WCW-7	07/20/04	Secor	140	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	110	9	---	---	---	---
WCW-7	11/03/04	Blaine Tech for Parsons	<100	330	---	---	---	<0.50	<0.50	<0.50	<0.50	84	11	51	29	<2	<2
WCW-7	02/03/05	Secor	72	110	---	---	---	<0.50	<0.50	<0.50	<0.50	91	8.8	---	---	---	---
WCW-7	05/05/05	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	83	6.9	---	---	---	---
WCW-7	08/03/05	Secor	53	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	49	14	---	---	---	---
WCW-7	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	6.7	<10	2.2	<2	<2
WCW-7	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	0.84	---	---	---	---
WCW-7	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6	2.5	---	---	---	---
WCW-7	09/20/06	Secor	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	7.2	---	---	---	---
WCW-7	12/05/06	Blaine Tech for Parsons	<100	210	---	---	---	<0.50	<0.50	<0.50	<0.50	36	8	<10	4.8	<2	<2
WCW-7	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	32	5.4	---	---	---	---
WCW-7	05/02/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	49	6.4	---	---	---	---
WCW-7	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	56	7.1	---	---	---	---
WCW-7	11/14/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	6.5	<10	9.2	<2	<2
WCW-7	02/21/08	Secor	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	43	5.9	---	---	---	---
WCW-7	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	54	5.9	---	---	---	---
WCW-7	08/13/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	55	5.3	---	---	---	---
WCW-7	10/17/08	Blaine Tech for Parsons	<100	---	---	---	100	<0.50	<0.50	<0.50	<0.50	45	5.4	<10	12	<2	<2
WCW-7	02/24/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	40	2.4	<10	---	---	---
WCW-7	04/22/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	40	2.8	<10	6.6	<1	<1
WCW-7	07/21/09	Blaine Tech	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	31	1.9	<10	5.6	<1	<1
WCW-7	10/26/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	40	1.8	<10	3.7	<2	<2
WCW-7	03/15/10	Blaine Tech for Parsons	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	30	1.8	<10	4	<1	<1
WCW-7	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	1.2	<10	3.3	<1	<1
WCW-7	07/13/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	1.6	<10	3.4	<1	<1
WCW-7	10/07/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	26	1.7	<10	3.9	<1	<1
WCW-7	01/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	25	1.4	<10	3.3	<1	<1
WCW-7	04/13/11	Blaine Tech	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	23	1.4	<10	3.9	<1	<1
WCW-7	07/12/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	1.2	<10	2.6	<1	<1
WCW-7	10/12/11	CH2M Hill	<500	120	---	---	---	<0.50	<0.50	<0.50	<0.50	21	1	<10	2.2	<1	<1
WCW-7	01/09/12	CH2M Hill	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	1.1	<10	2.1	<1	<1
WCW-7	04/18/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	18	0.98	<10	2.2	<1	<1
WCW-7	07/10/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	16	0.84	<10	2.1	<1	<1
WCW-7	10/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9.2	0.56	<10	1.5	<1	<1
WCW-7	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	18	1.2	<10	1.8	<1	<1
WCW-7	04/10/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	19	0.61	<10	1.3	<1	<1
WCW-7	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	11	0.6	<10	1.4	<1	<1
WCW-7	04/17/14	CH2M Hill	61	---	64	---	---	<0.50	<0.50	<0.50	<0.50	7.4	0.73	<10	1.7	<1	<1
WCW-7	10/28/14	CH2M Hill	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.5	0.51	<10	1.2	<1	<1
WCW-7	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	5.6	<0.50	<10	1.1	<1	<1
WCW-7	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.2	0.74	<10	1.9	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-7	04/14/16	CH2M	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.7	0.82	<10	2.2	<1	<1
WCW-7	10/05/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-7	10/06/17	CHHL	<50	---	120 CL	---	---	1.2	<0.50	<0.50	<0.50	4.8	<0.50	<10	1.2	<1	<1
WCW-7	04/17/18	CHHL	<50	---	86	---	---	<0.50	<0.50	<0.50	<0.50	5.2	<0.50	<10	<1	<1	<1
WCW-7	11/06/18	CHHL	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	5	<0.50	<10	1.1	<1	<1
WCW-7	04/17/19	CHHL	<50	---	290	---	---	<0.50	<0.50	<0.50	<0.50	14	2.4	<10	5.6	<1	<1
WCW-7	10/31/19	Jacobs	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	4.2	0.57	<10	1.3	<1.0	<1.0
WCW-7	05/07/20	Jacobs	<50	---	95	---	---	<0.50	<0.50	<0.50	<0.50	6.7	1.0	<10	1.9	<1.0	<1.0
WCW-7	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.4	1.6	<10	2.7	<1.0	<1.0
WCW-7	11/22/96	GSI	84	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	0.5	<5	---	---	---	---
WCW-8	07/15/97	Terra Services	<100	---	1700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-8	01/05/98	GTI	<500	---	<100	1300	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-8	05/26/98	Terra Services	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-8	11/03/98	GTI	<300	2590	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-8	11/18/99	IT Corporation	<300	1100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/16/00	Secor	<300	1500	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	120	---	---	---	---
WCW-8	08/28/00	Secor	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	---	---	---	---
WCW-8	11/30/00	IT Corporation	<300	790	---	---	---	0.9	<0.50	<0.50	0.8	<0.50	<0.50	---	---	---	---
WCW-8	02/05/01	Secor	<300	940	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/09/01	Secor	<300	520	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	09/18/01	Secor	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/08/01	IT Corporation	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	01/30/02	Secor	<300	530	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	04/11/02	Secor	<300	470	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	10/24/02	GTI	<300	360	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-8	04/10/03	Secor	61	270	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	10/11/03	Blaine Tech for Parsons	<100	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/10/04	Secor	55	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/05/05	Secor	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/05/05	Blaine Tech for Parsons	<100	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/05/06	Secor	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	12/05/06	Blaine Tech for Parsons	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/02/07	Secor	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/14/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
WCW-8	10/17/08	Blaine Tech for Parsons	<100	---	---	---	230	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
WCW-8	04/21/09	Blaine Tech for AMEC GMX	<50	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1	<1	<1
WCW-8	10/26/09	Blaine Tech for DESC	<100	---	---	---	200	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
WCW-8	05/27/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/07/10	Blaine Tech for Parsons	<100	---	---	---	200	<0.50	---	---	---	<0.50	0.9	3.7 J	---	---	---
WCW-8	04/13/11	Blaine Tech	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	<10	<1	<1	<1
WCW-8	10/14/11	Parsons	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	<0.50	0.92	<10	<2	<2	<2
WCW-8	04/19/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.89	<10	<1	<1	<1
WCW-8	10/18/12	Parsons	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	04/11/13	CH2M Hill	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
WCW-8	10/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-8	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/13/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/31/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-9	11/22/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-9	07/08/97	Terra Services	<100	---	<500	---	---	<0.50	1.1	<0.50	1.1	<0.50	<5	---	---	---	---
WCW-9	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-9	05/19/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-9	11/03/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-9	11/18/99	IT Corporation	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/16/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	11/30/00	IT Corporation	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	04/11/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-10	07/08/97	Terra Services	<100	---	<500	---	---	<0.50	2.2	<0.50	<1	<0.50	<5	---	---	---	---
WCW-10	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-10	05/19/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-10	11/04/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	05/05/99	Alton Geoscience	<500	---	<500	---	---	<0.50	0.8	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-10	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.8	<0.50	<0.50	---	---	---	---
WCW-10	05/19/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/30/00	IT Corporation	<300	<100	---	---	---	1	<0.50	<0.50	0.7	<0.50	<0.50	---	---	---	---
WCW-10	05/10/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-11	07/08/97	Terra Services	<100	---	<500	---	---	<0.50	2.5	<0.50	<1	<0.50	<5	---	---	---	---
WCW-11	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-11	05/18/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-11	11/03/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/06/99	Alton Geoscience	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-11	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	11/30/00	IT Corporation	<300	<100	---	---	---	0.8	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-12	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	2.5	<0.50	<1	<0.50	<5	---	---	---	---
WCW-12	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-12	05/18/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-12	11/03/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/06/99	Alton Geoscience	<500	---	<500	---	---	1.4	5.3	<0.50	2.3	<1	<0.50	---	---	---	---
WCW-12	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-12	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/03/04	Blaine Tech for Parsons	<100	3600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	03/02/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
WCW-12	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	12/08/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/27/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/07/10	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-12	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/14/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	05/12/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/25/96	GSI	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-13	07/09/97	Terra Services	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-13	01/05/98	GTI	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-13	05/18/98	Terra Services	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-13	11/03/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/06/99	Alton Geoscience	<500	---	<500	---	---	0.88	3.1	<0.50	0.87	<1	<0.50	---	---	---	---
WCW-13	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	---	---	---	---
WCW-13	08/28/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/30/00	IT Corporation	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	1	<0.50	---	---	---	---
WCW-13	02/05/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
WCW-13	09/18/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	---	---	---	---
WCW-13	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	01/30/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/30/02	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-13	01/28/03	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/30/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	01/28/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/20/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/03/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/02/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/28/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	09/20/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	12/08/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	03/13/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/28/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/21/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/13/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/23/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/20/09	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/27/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	03/15/10	Blaine Tech for Parsons	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	05/24/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/12/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/08/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/10/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/11/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/11/11	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/09/12	CH2M Hill	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-13	07/09/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/16/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/14/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/09/13	CH2M Hill	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/22/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/18/17	CH2M	<50	---	450	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	11/07/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/05/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/04/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	11/03/98	GTI	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	---	---	---	---
WCW-14	05/06/99	Alton Geoscience	<500	---	<500	---	---	1.8	6.6	0.55	3	<1	<0.50	---	---	---	---
WCW-14	11/17/99	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/18/00	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/30/00	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/09/01	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/08/01	IT Corporation	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	04/09/02	Secor	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	10/24/02	GTI	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-14	04/09/03	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/10/04	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/03/04	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/05/05	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/05/05	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/05/06	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	12/08/06	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/01/07	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/13/07	Blaine Tech for Parsons	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/18/08	Secor	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	10/17/08	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/21/09	Blaine Tech for AMEC GMX	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/27/09	Blaine Tech for DESC	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/25/10	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/07/10	Blaine Tech for Parsons	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-14	04/12/11	Blaine Tech	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/14/11	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/17/12	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/18/12	Parsons	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/09/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/08/13	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	Sampled By	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-14	04/15/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/28/14	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/23/15	CH2M Hill	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/21/15	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/12/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/04/16	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/19/17	CH2M	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/03/17	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	11/06/18	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/19	CHHL	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	10/30/19	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/06/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	11/03/20	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/05/21	Jacobs	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Notes:

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

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

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

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

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

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

1,2-DCA = 1,2-dichloroethane

DIPE = di-isopropyl ether

ETBE = ethyl tertiary butyl ether

MTBE = methyl tertiary butyl ether

TAME = tertiary amyl methyl ether

TBA = tertiary butyl alcohol

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

--- = not analyzed

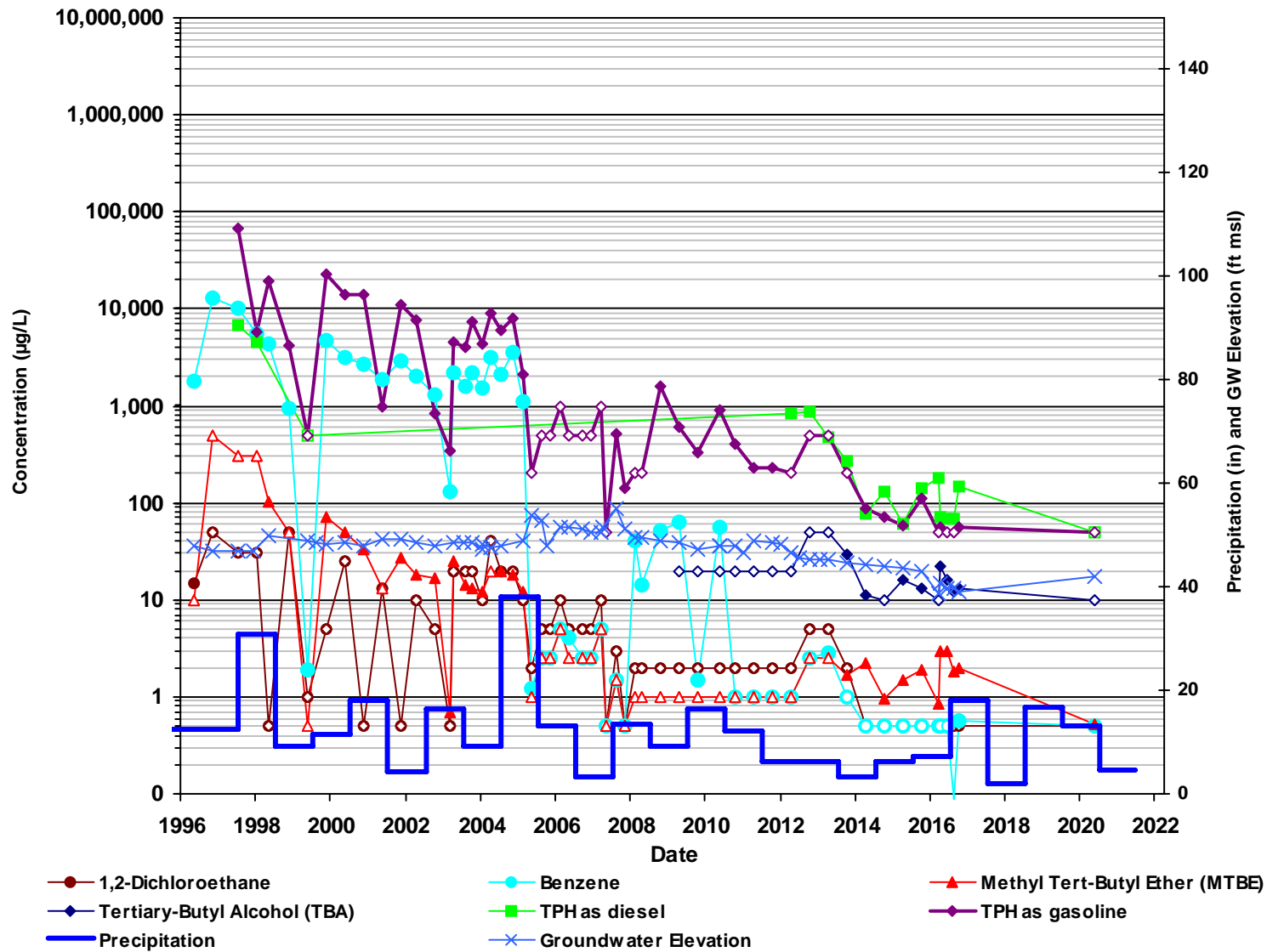
b or HD = Chromatographic pattern was inconsistent with the profile of the reference fuel standard.

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

Appendix E

Time Series Charts

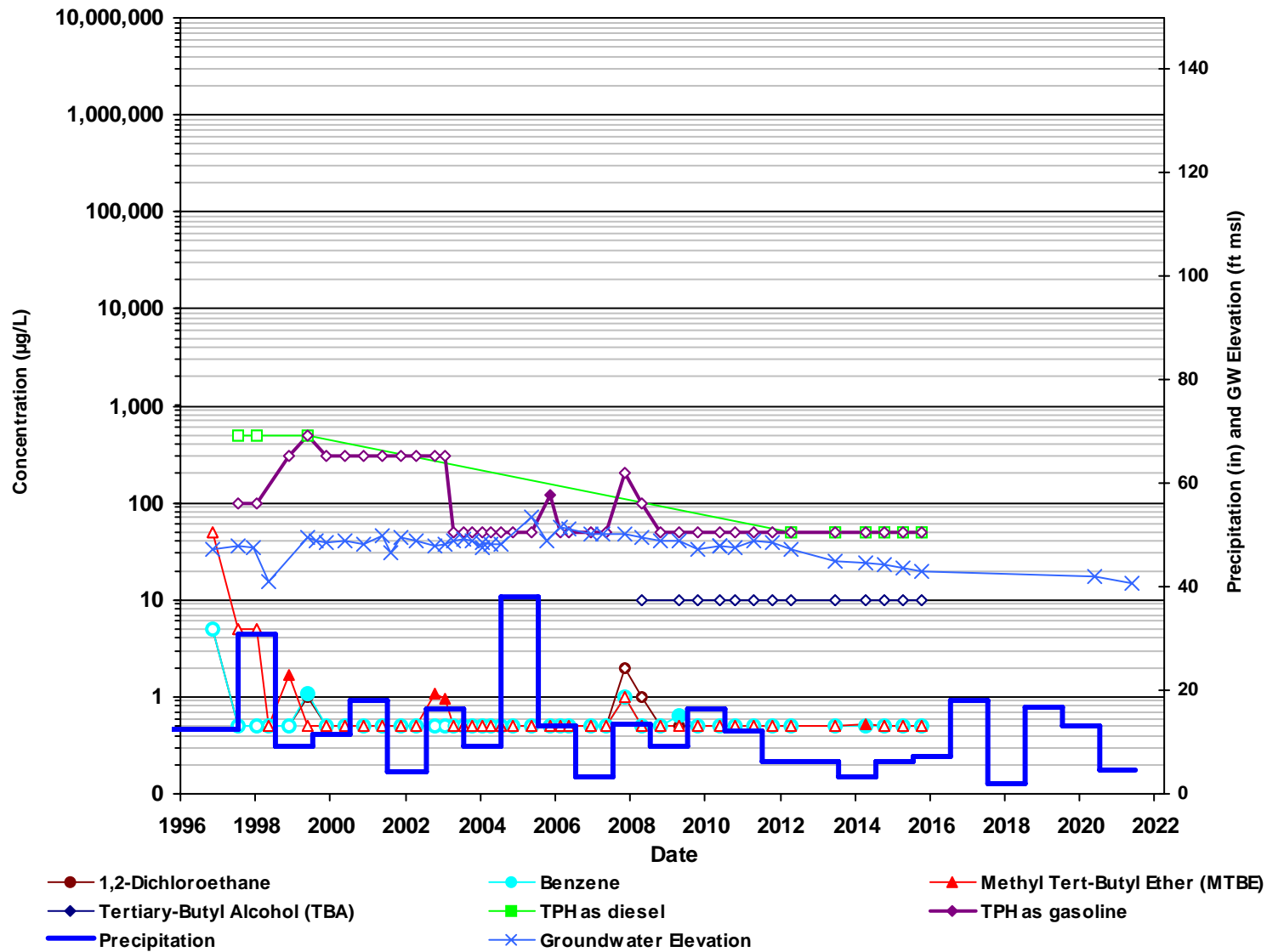
GMW-1



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

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

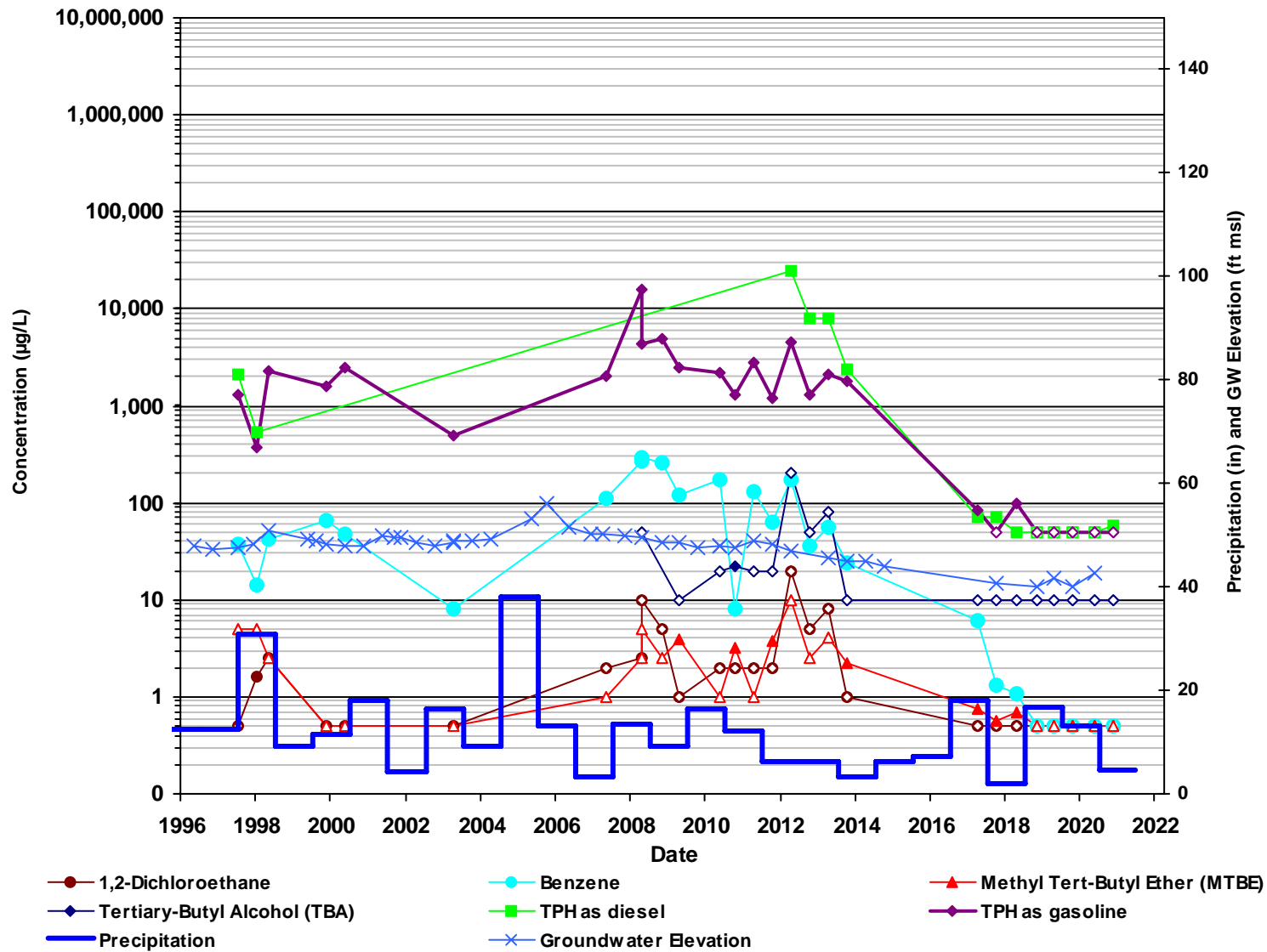
GMW-3



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

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

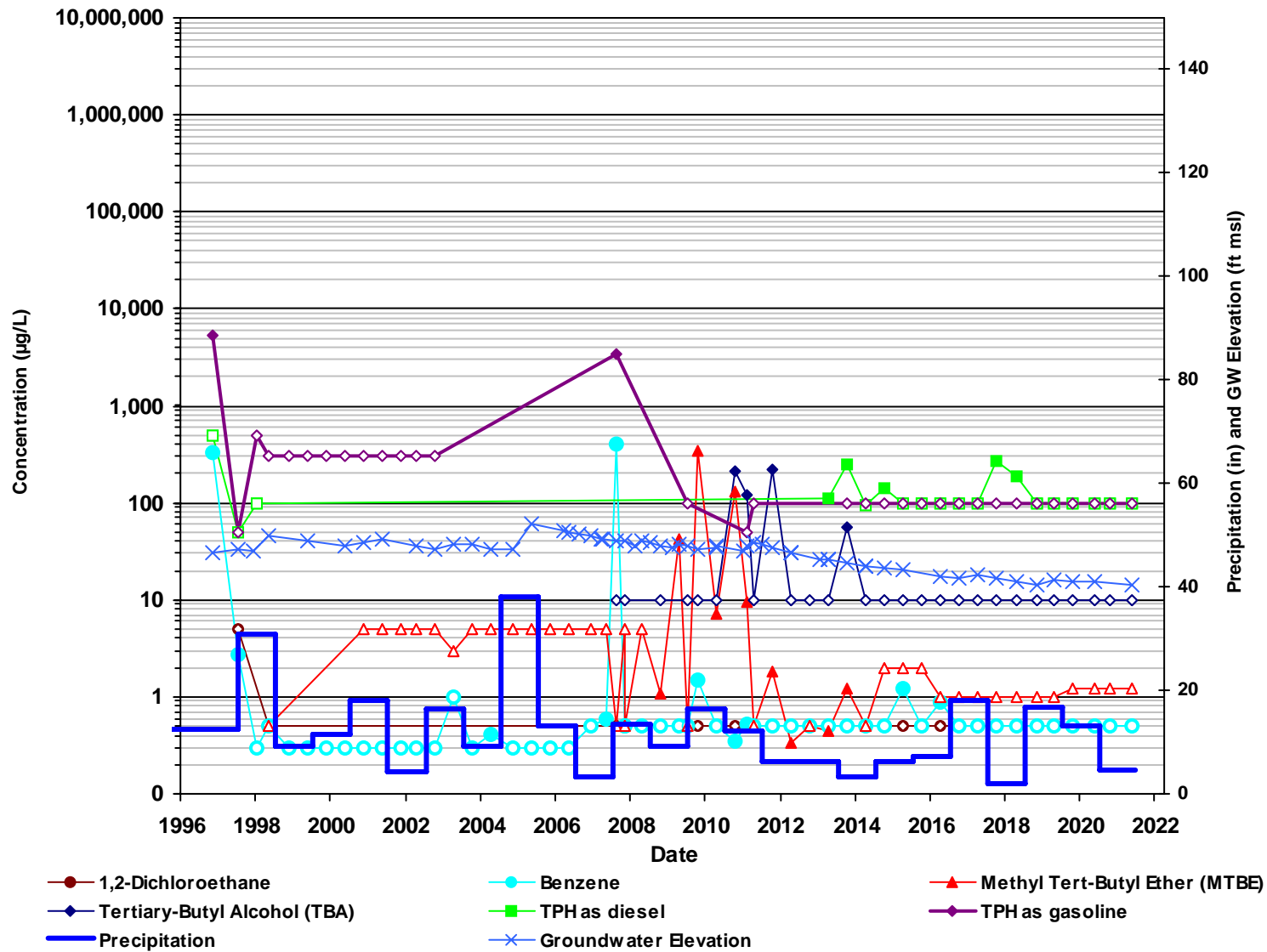
GMW-4



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

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

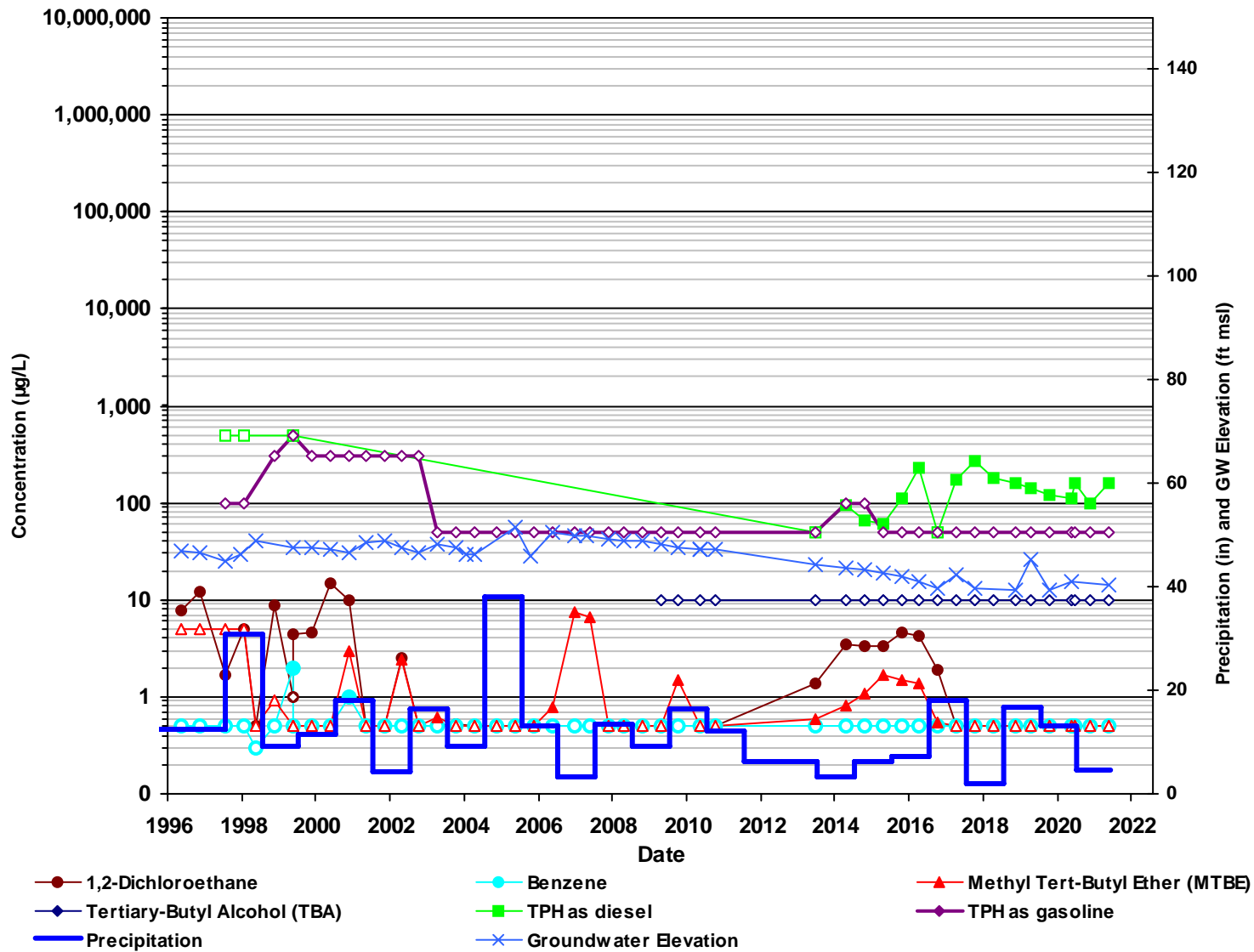
GMW-6



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

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

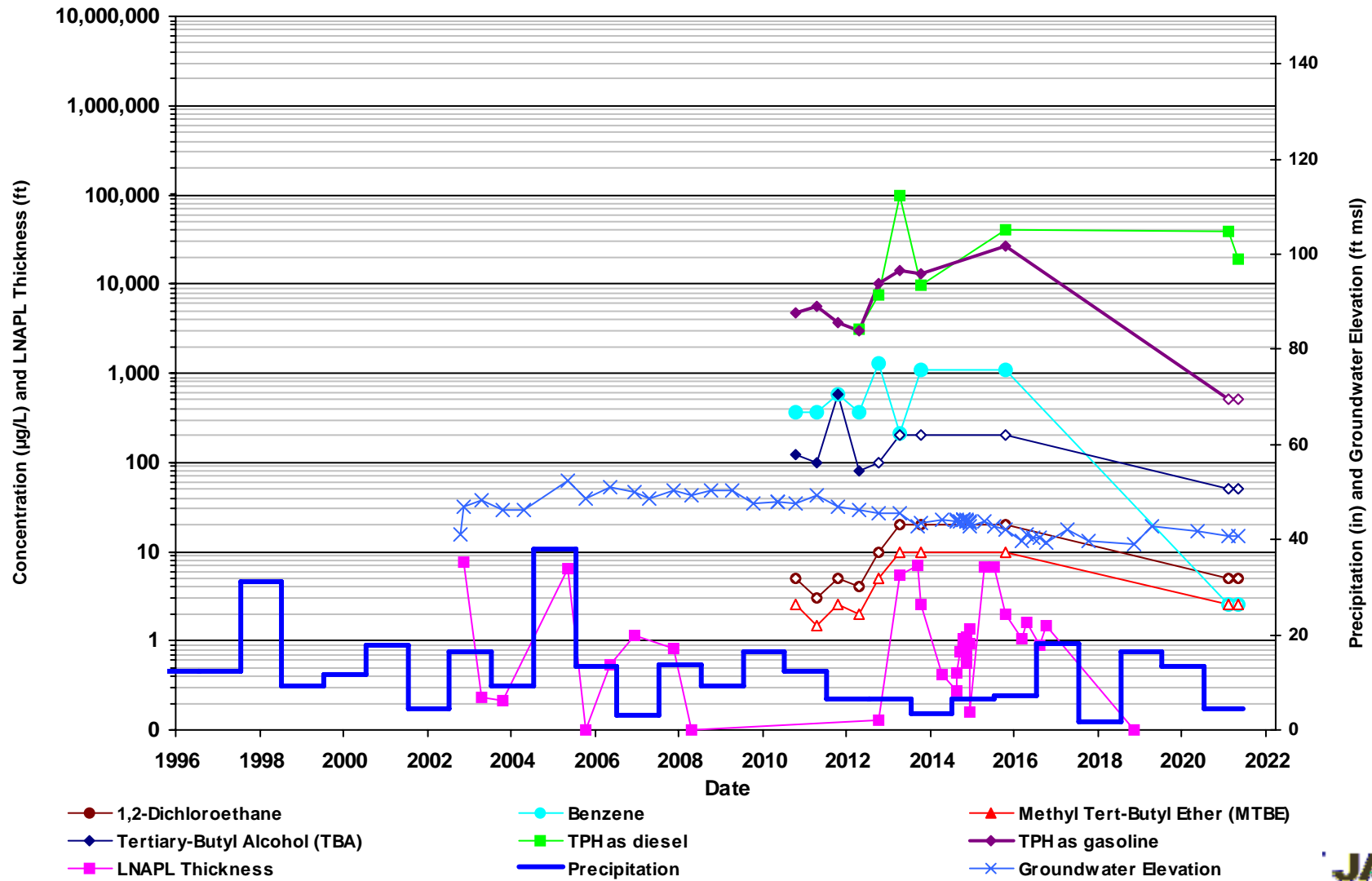
GMW-8



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

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

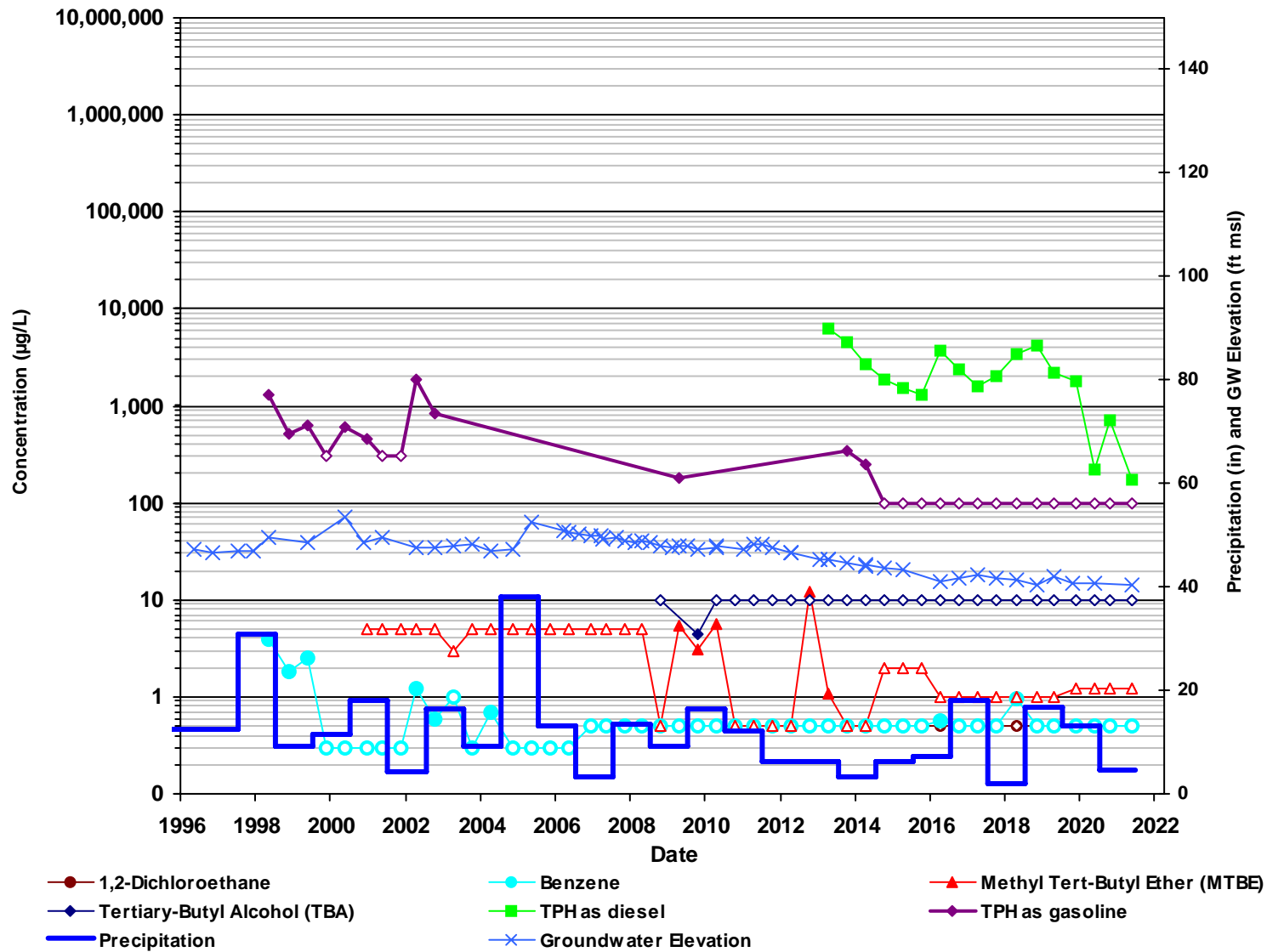
GMW-10



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

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

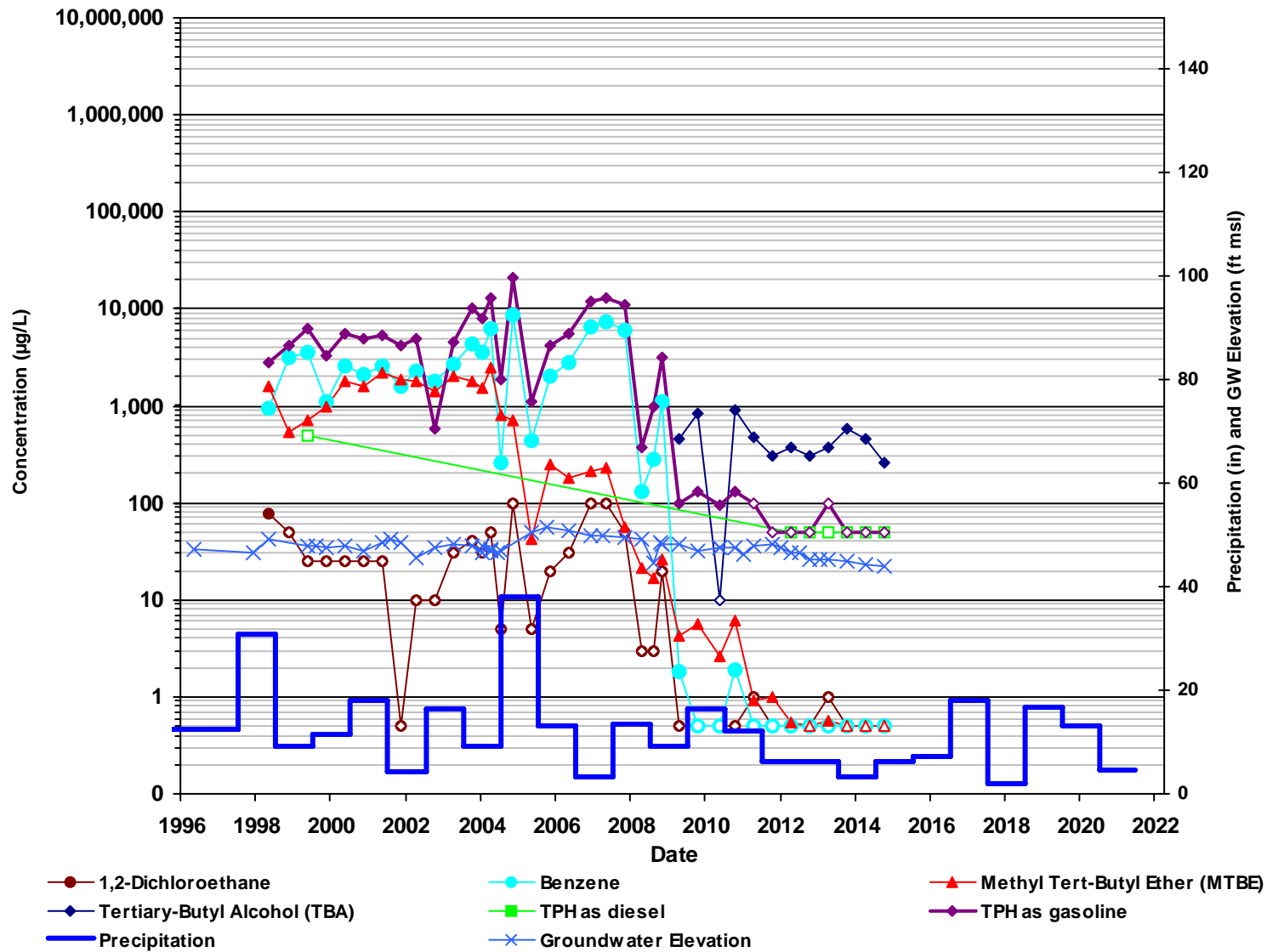
GMW-15



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

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

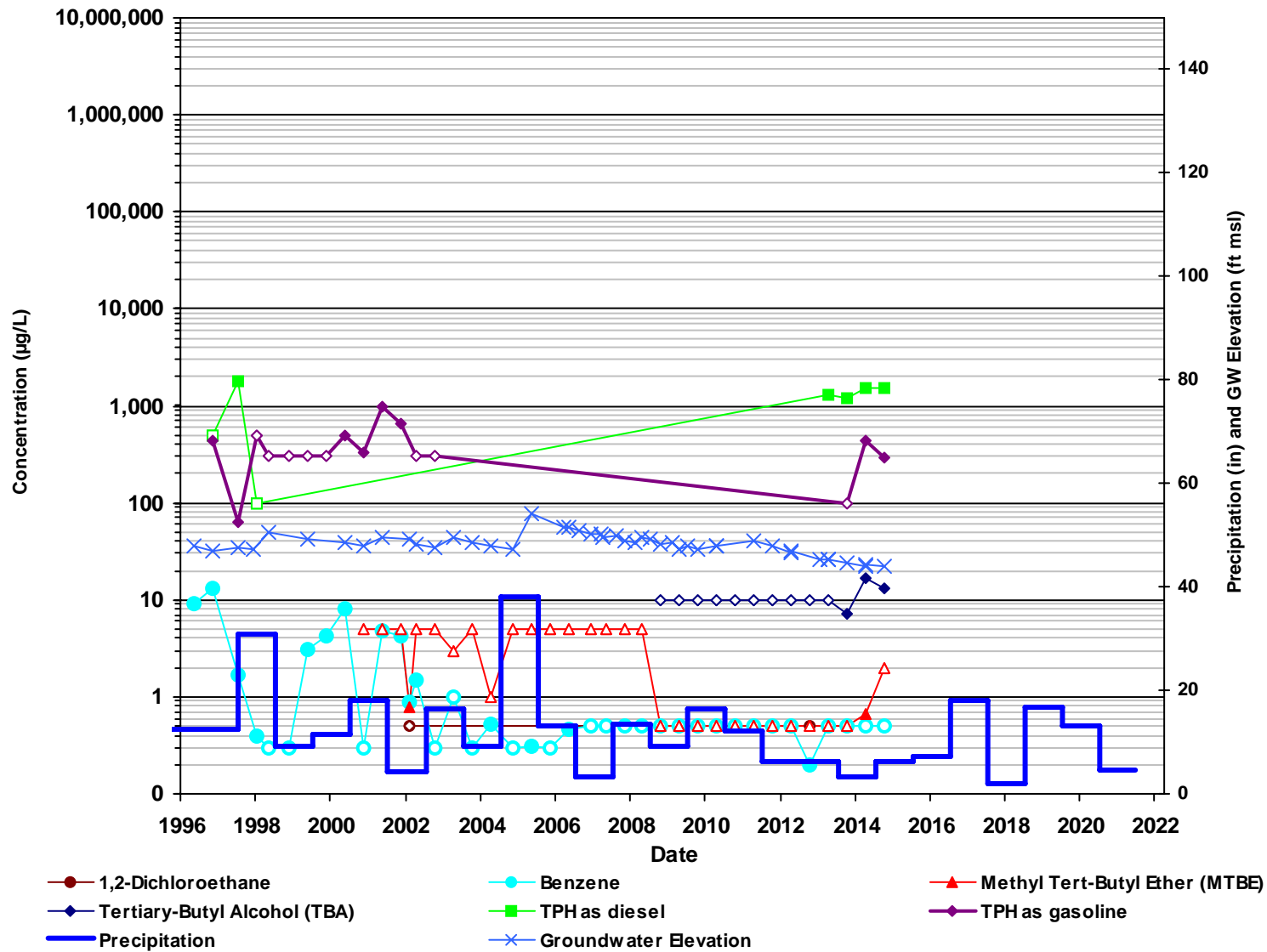
GMW-27



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

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

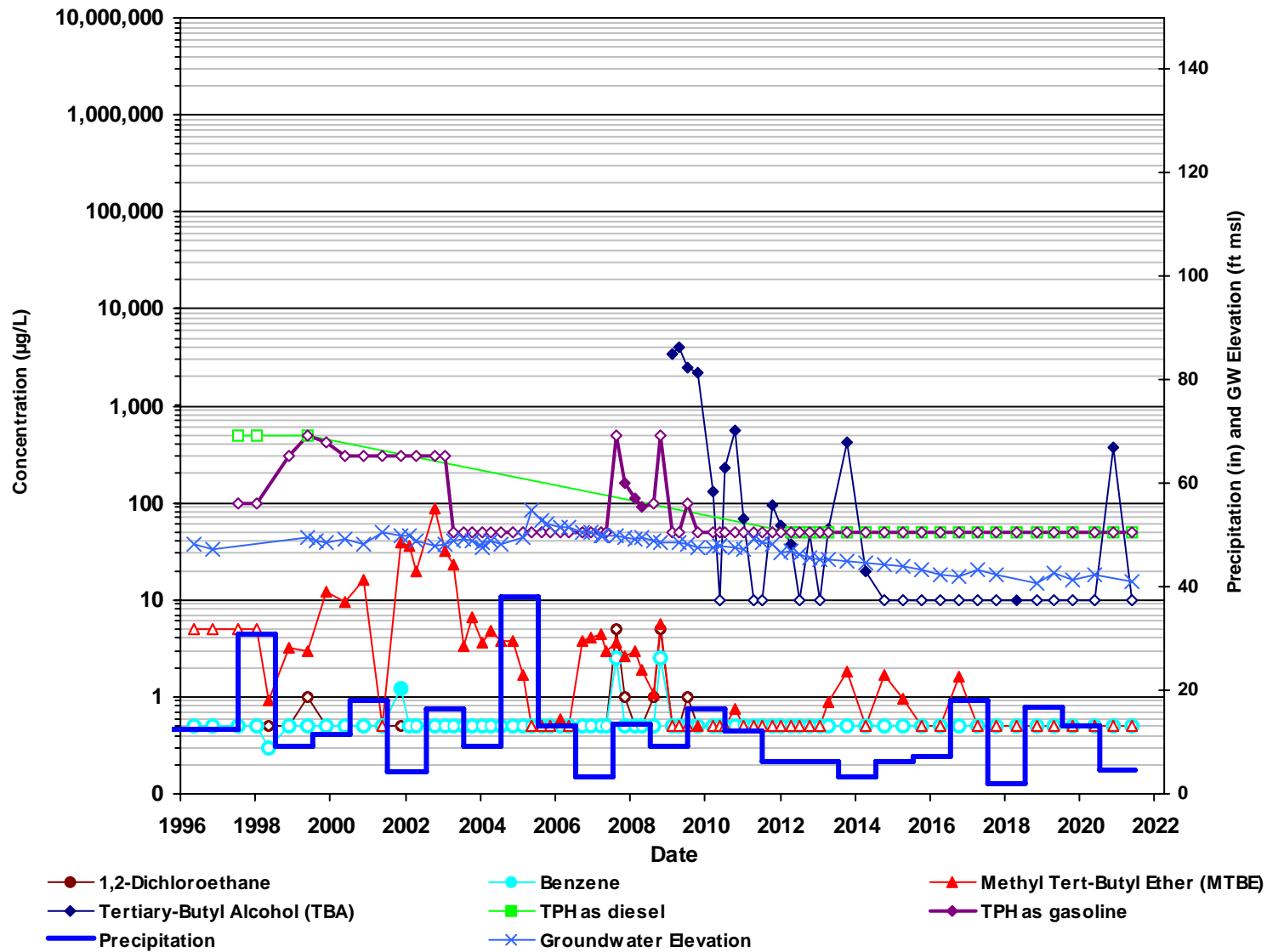
GMW-32



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

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

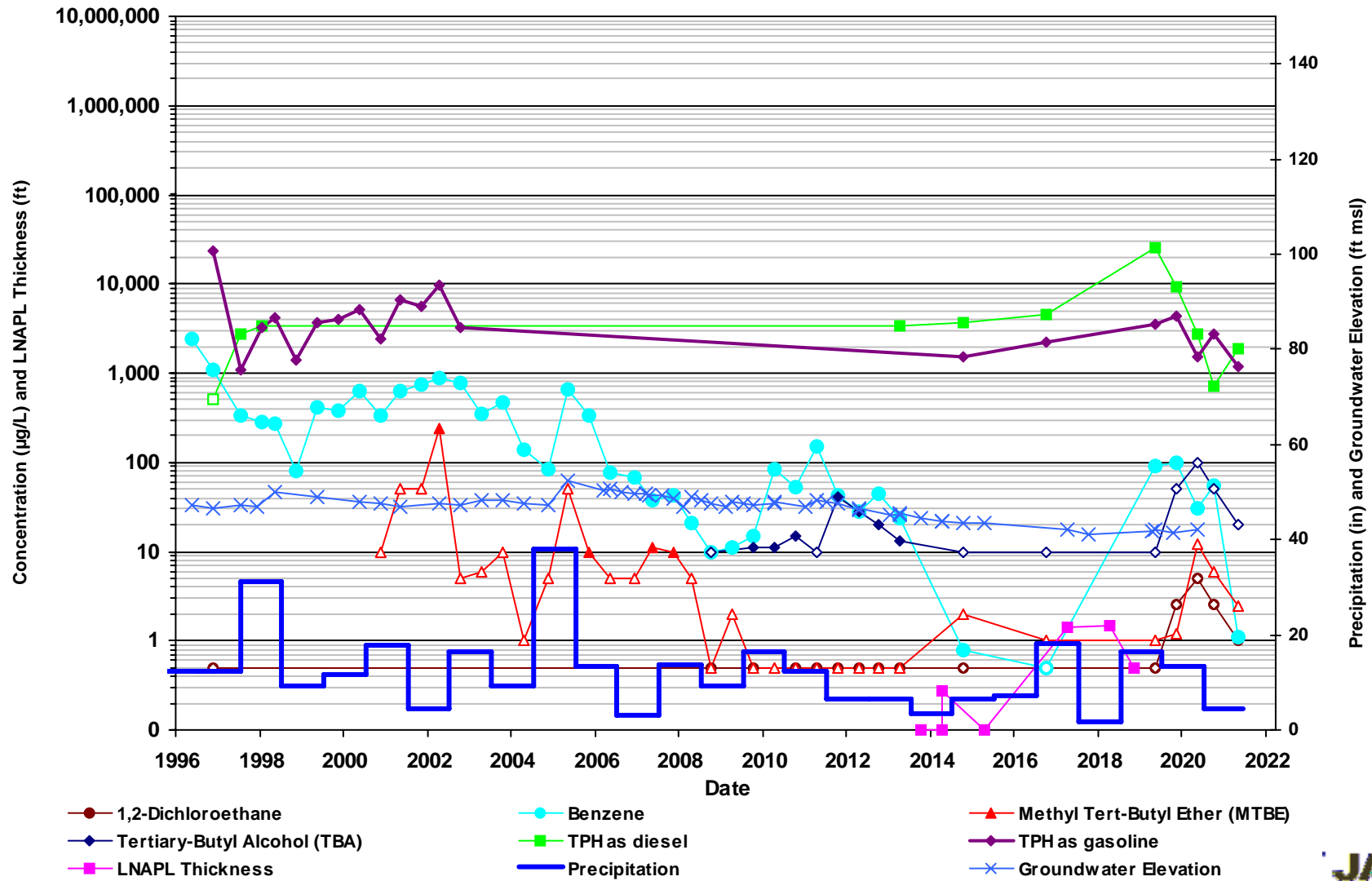
GMW-39



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

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

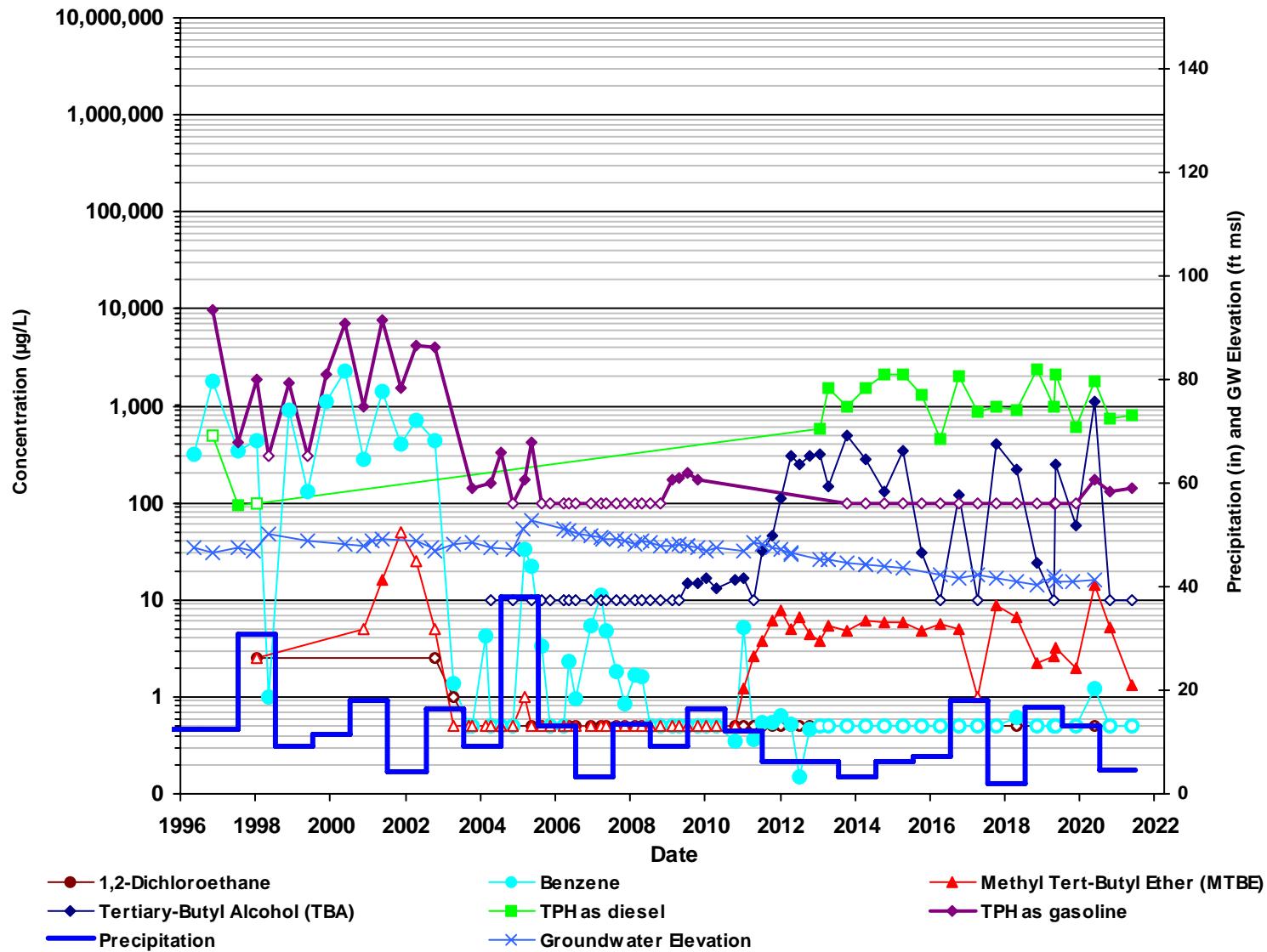
GMW-45



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

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

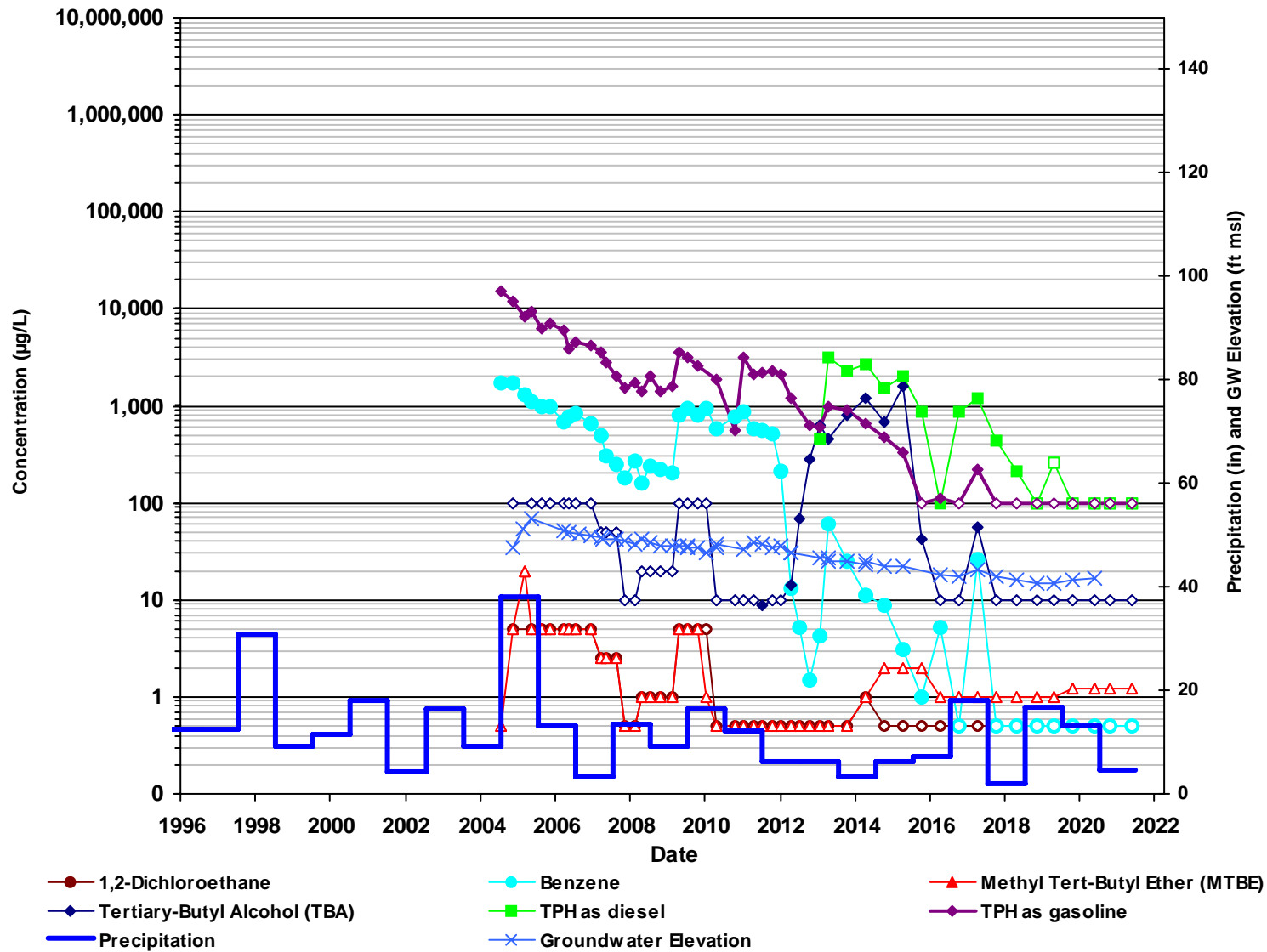
GMW-47



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

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

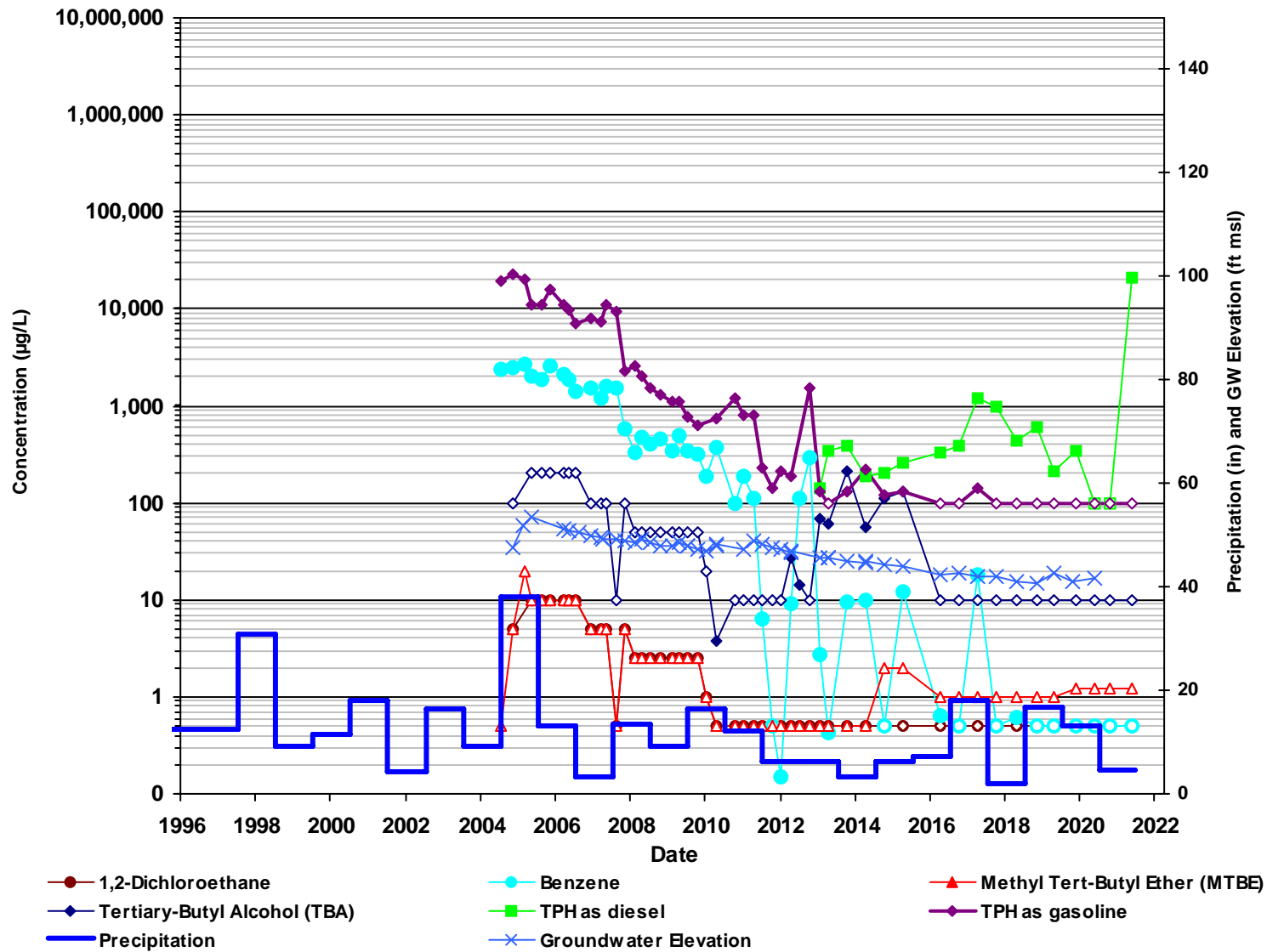
GMW-60



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

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

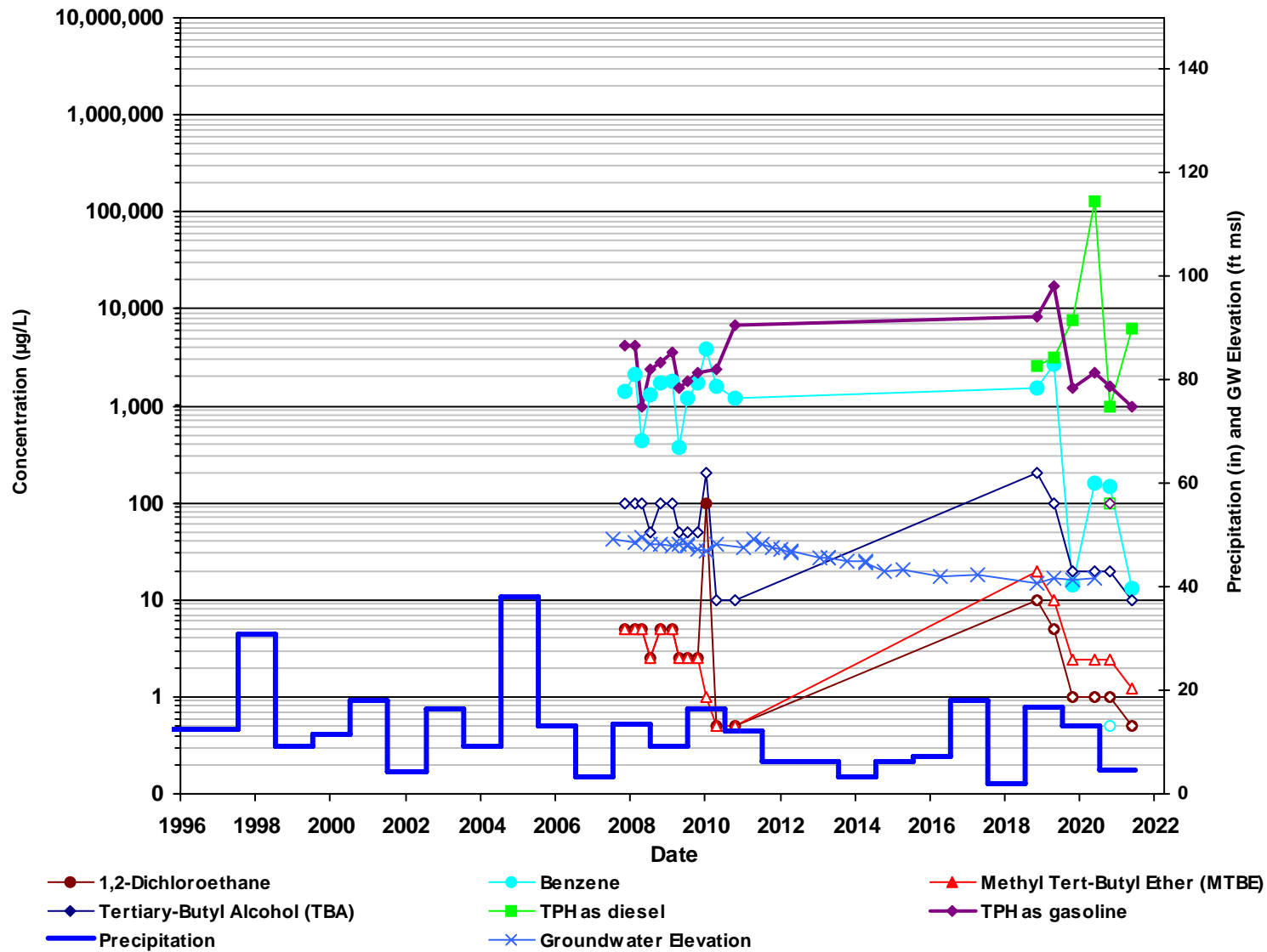
GMW-61



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

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

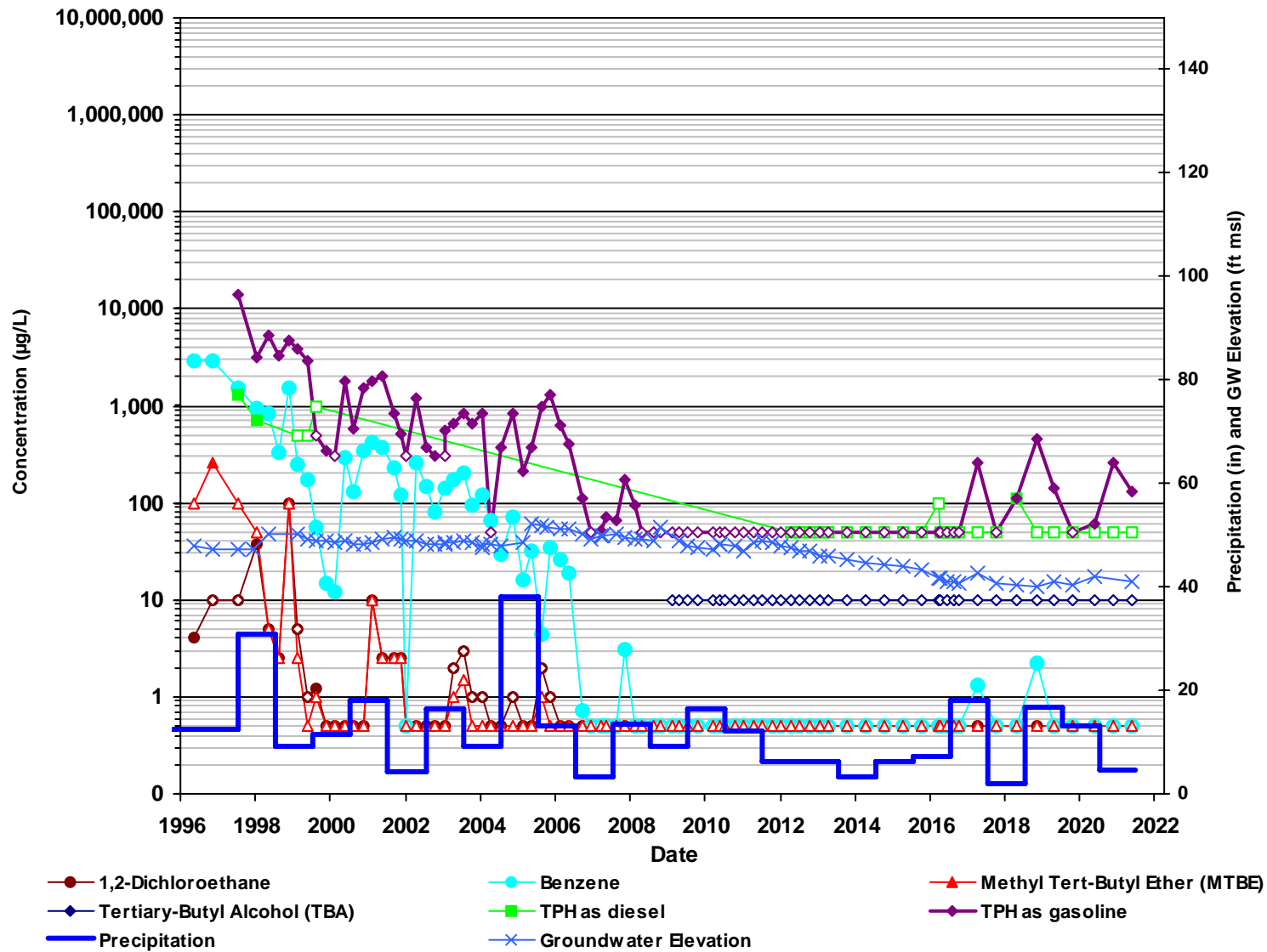
GMW-62



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

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

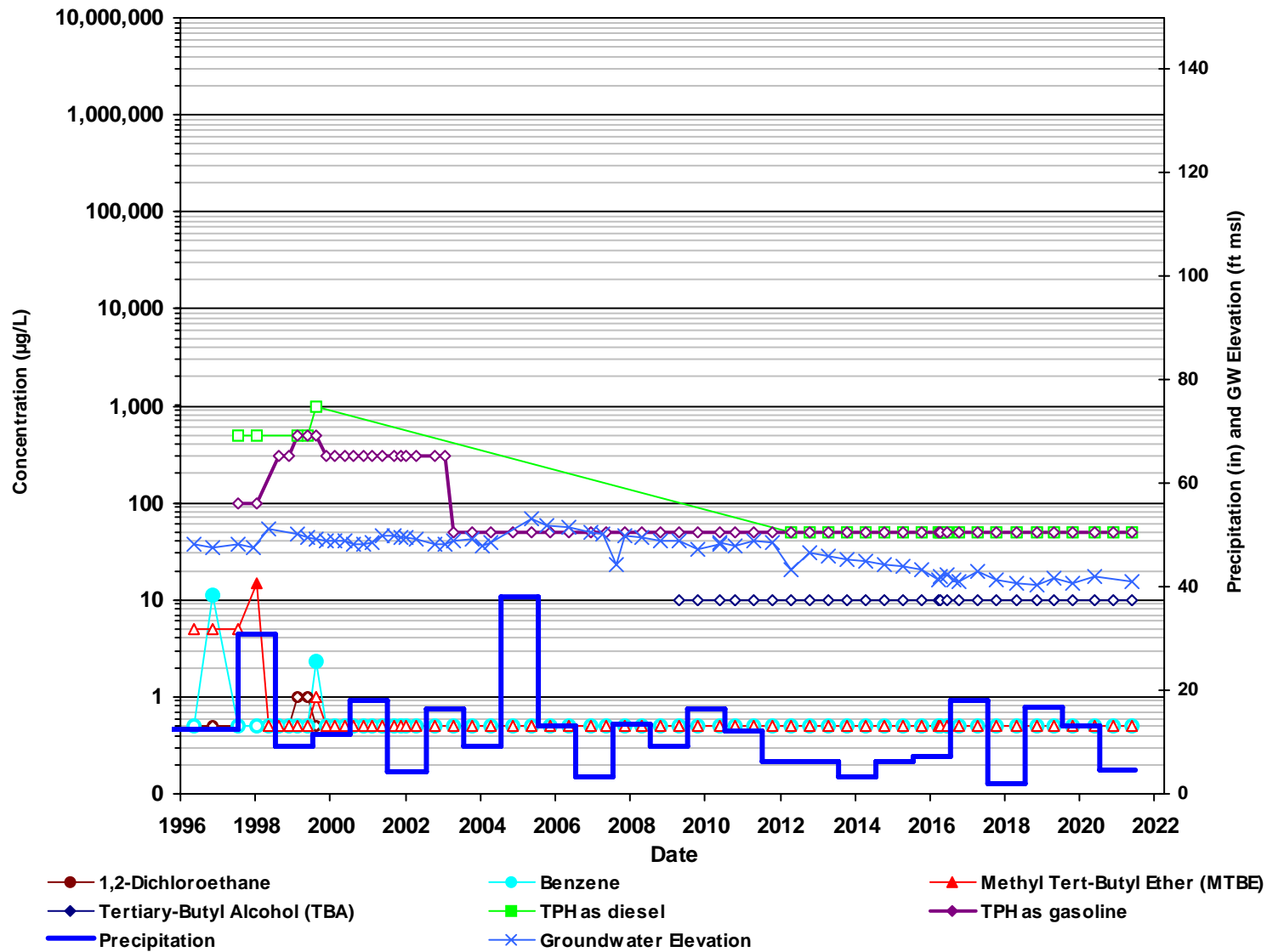
GMW-O-3



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

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

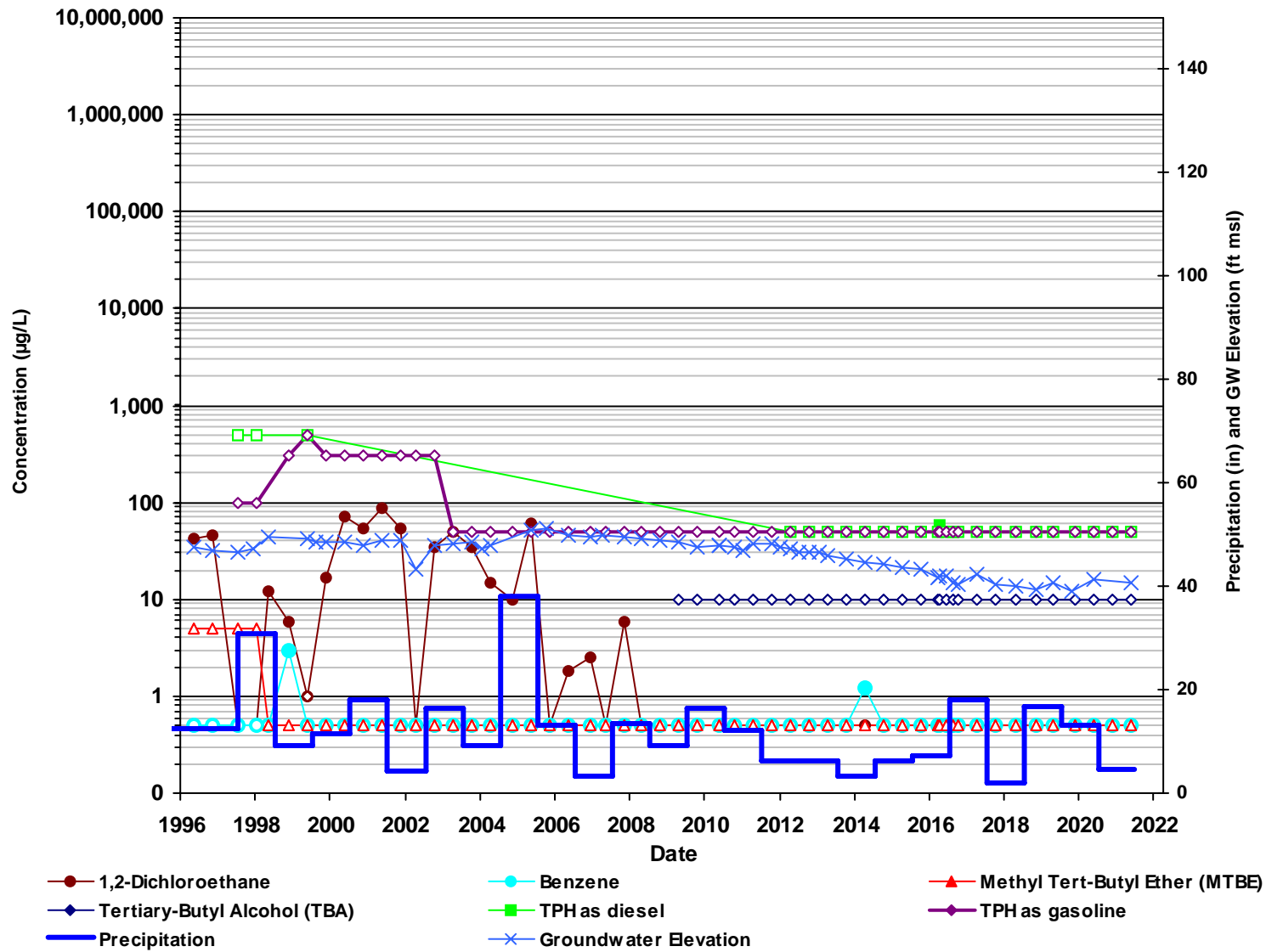
GMW-O-5



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

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

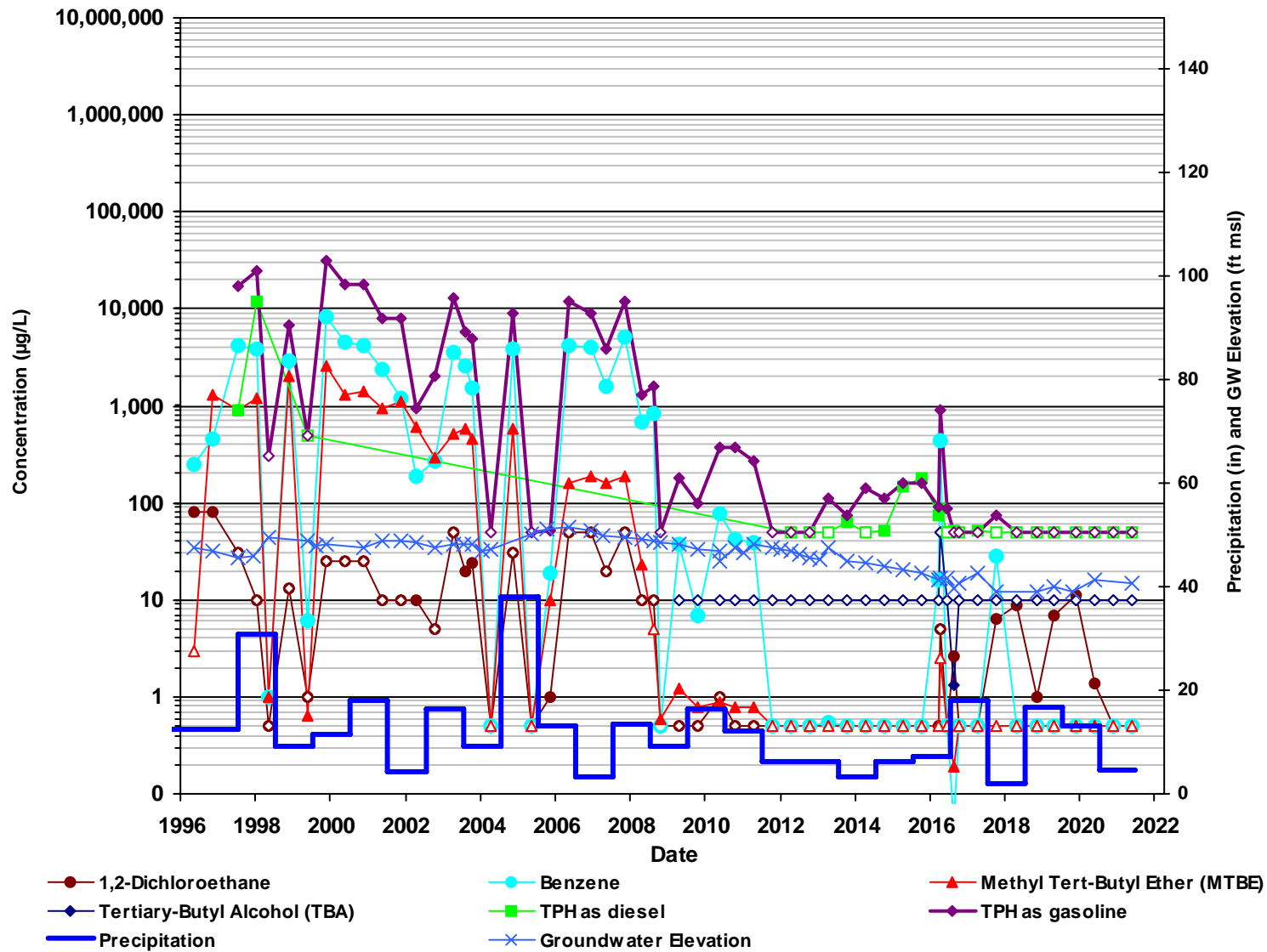
GMW-O-9



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

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

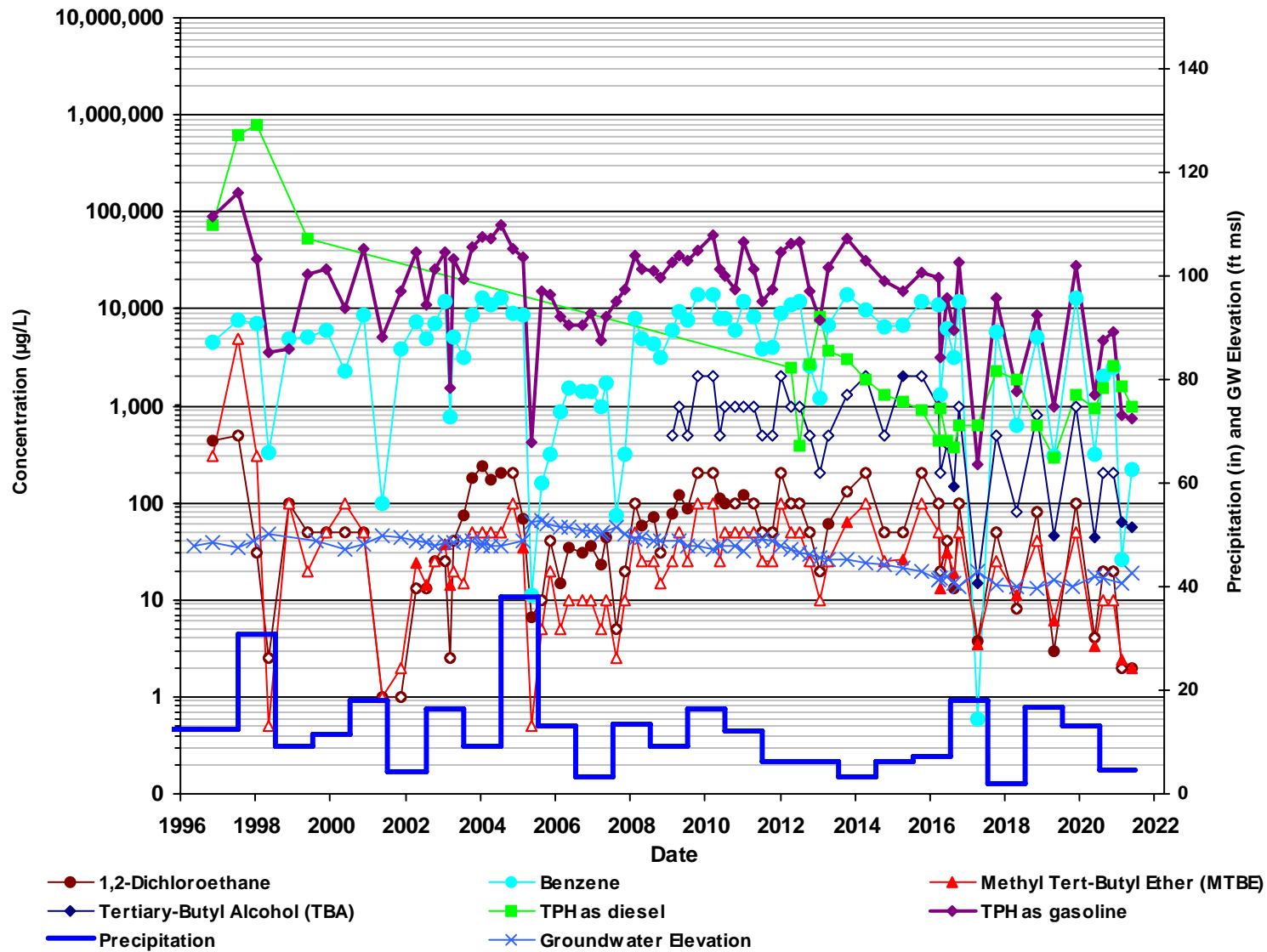
GMW-O-10



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

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

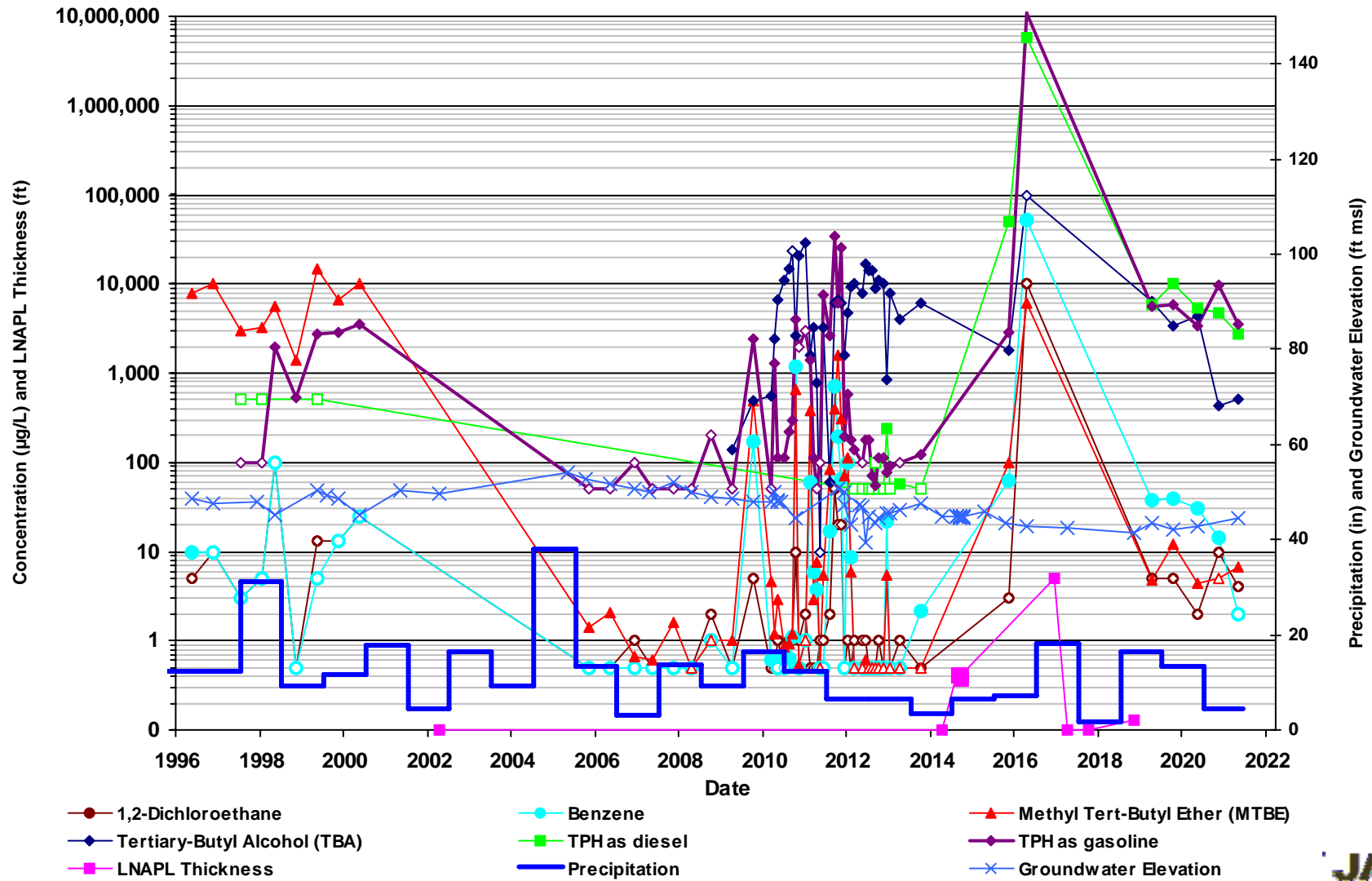
GMW-O-14



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

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

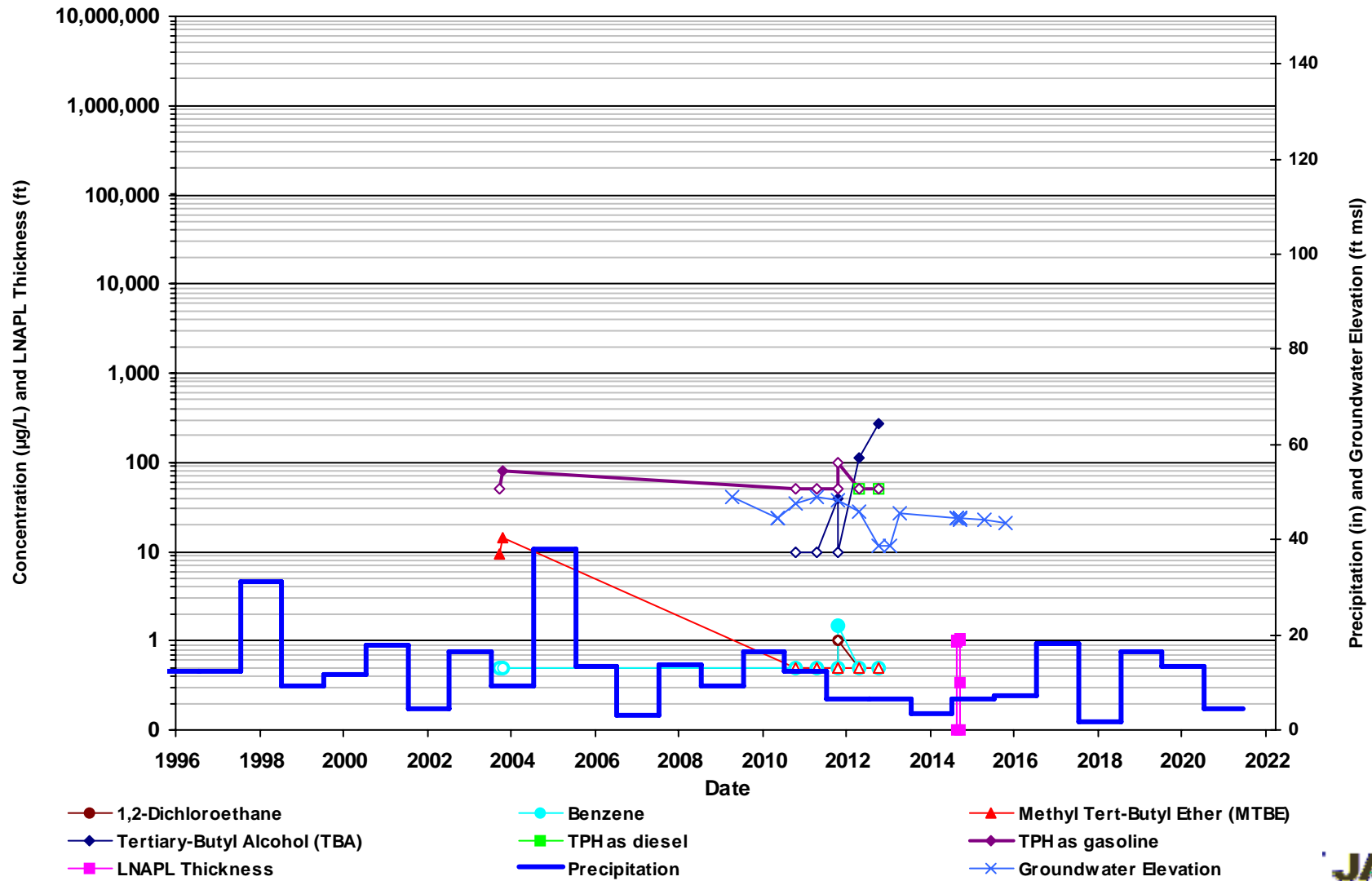
GMW-O-18



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

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

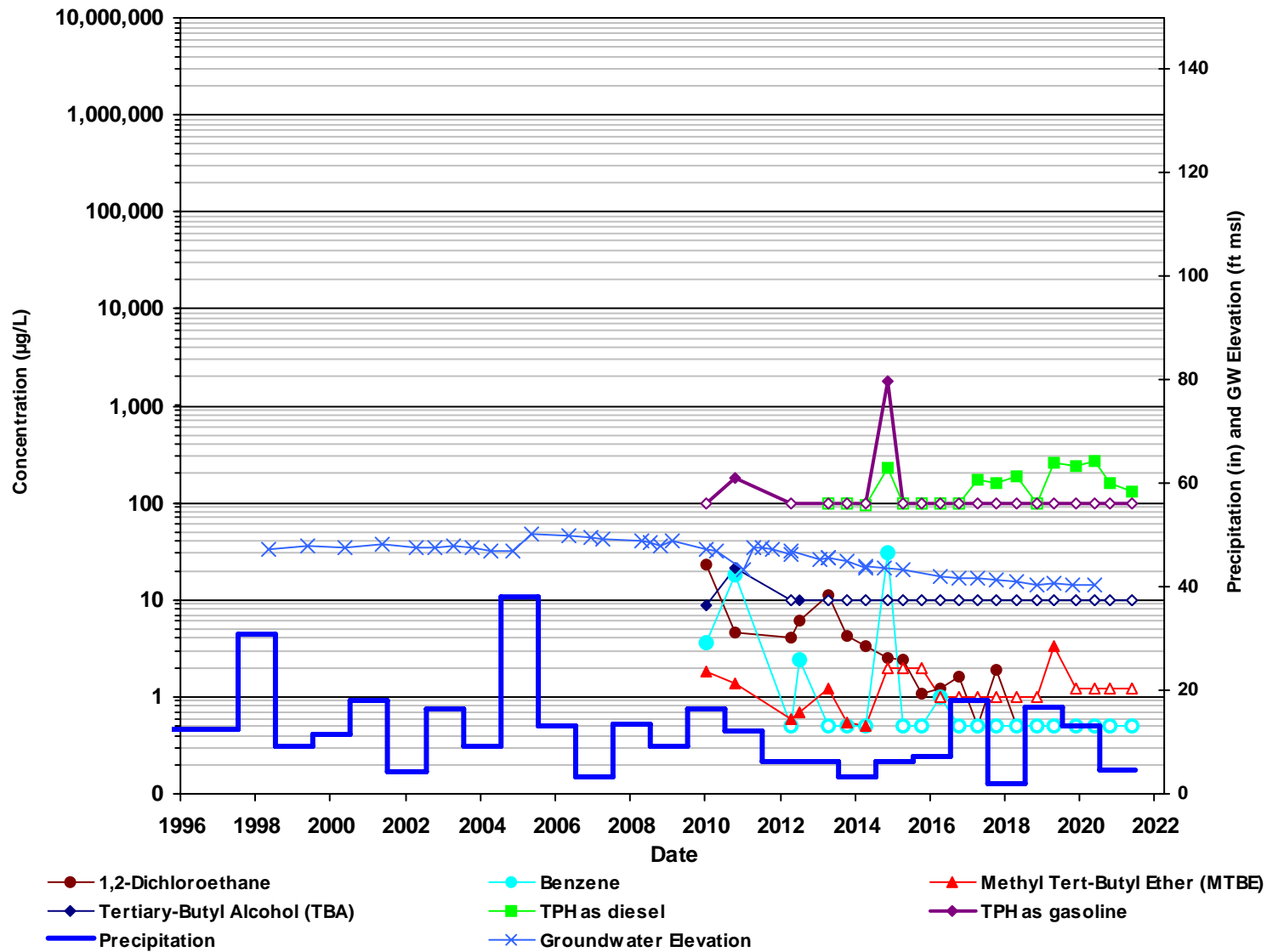
GMW-SF-9



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

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

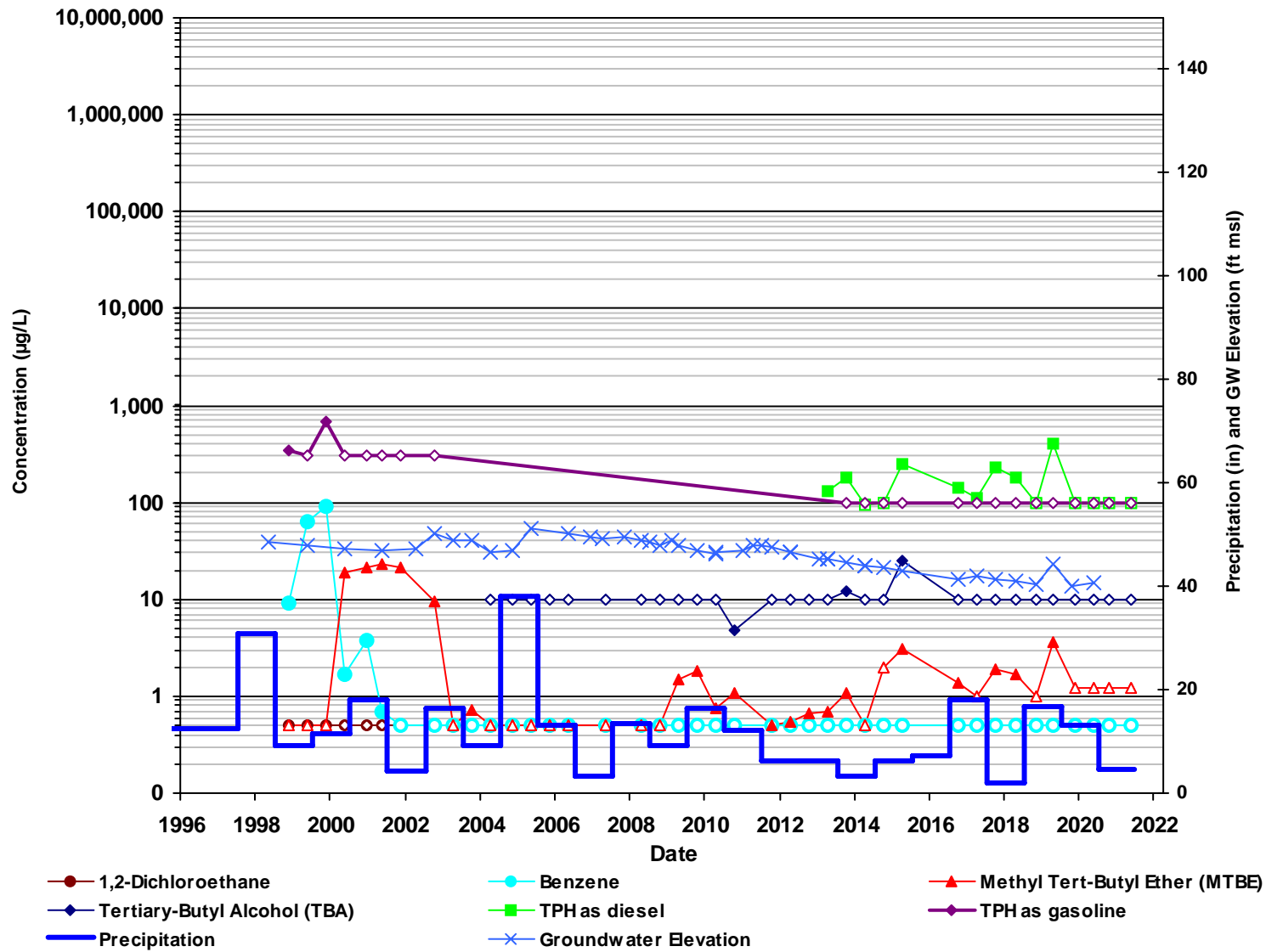
GW-2



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

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

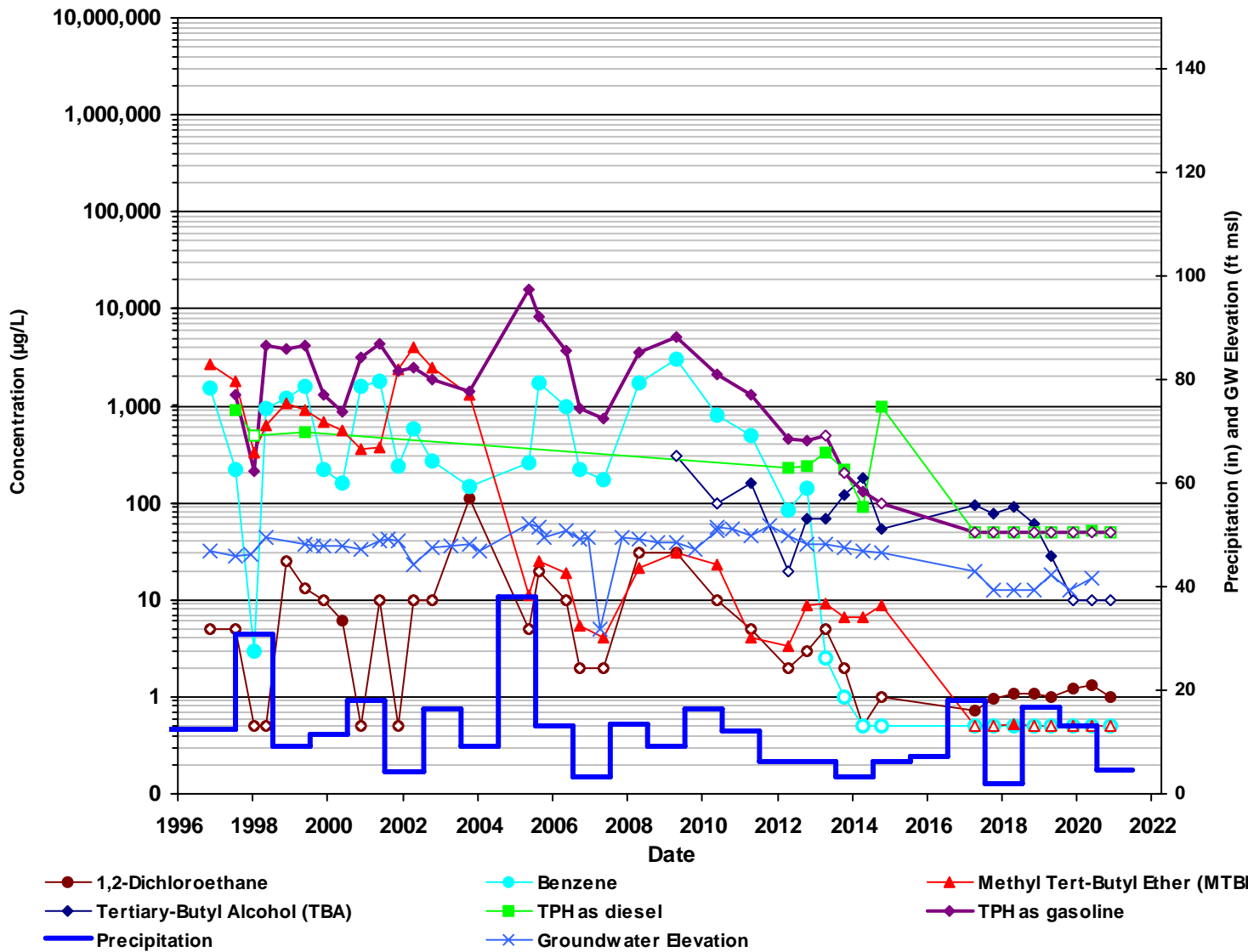
GW-6



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

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

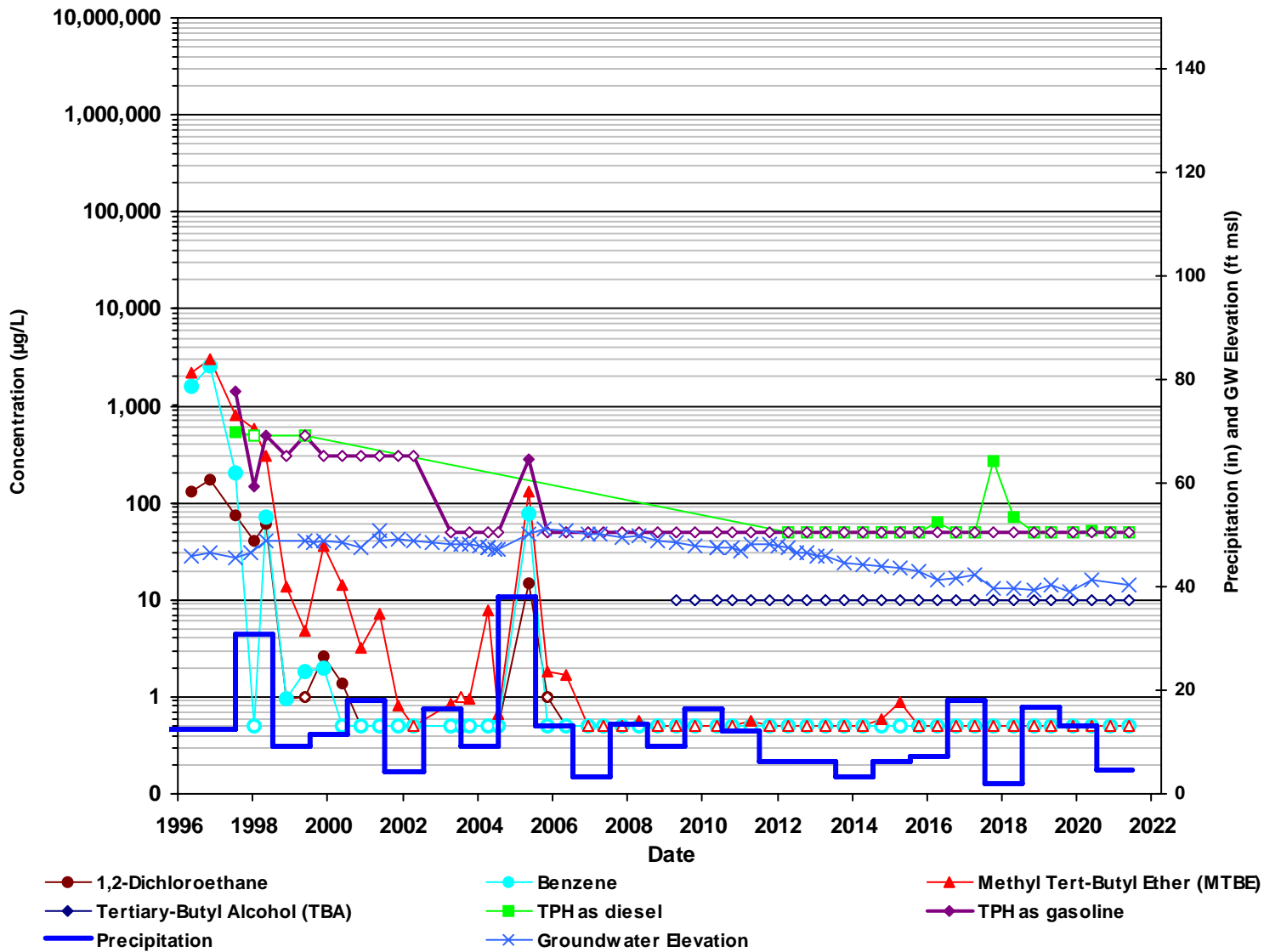
GWR-1



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

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

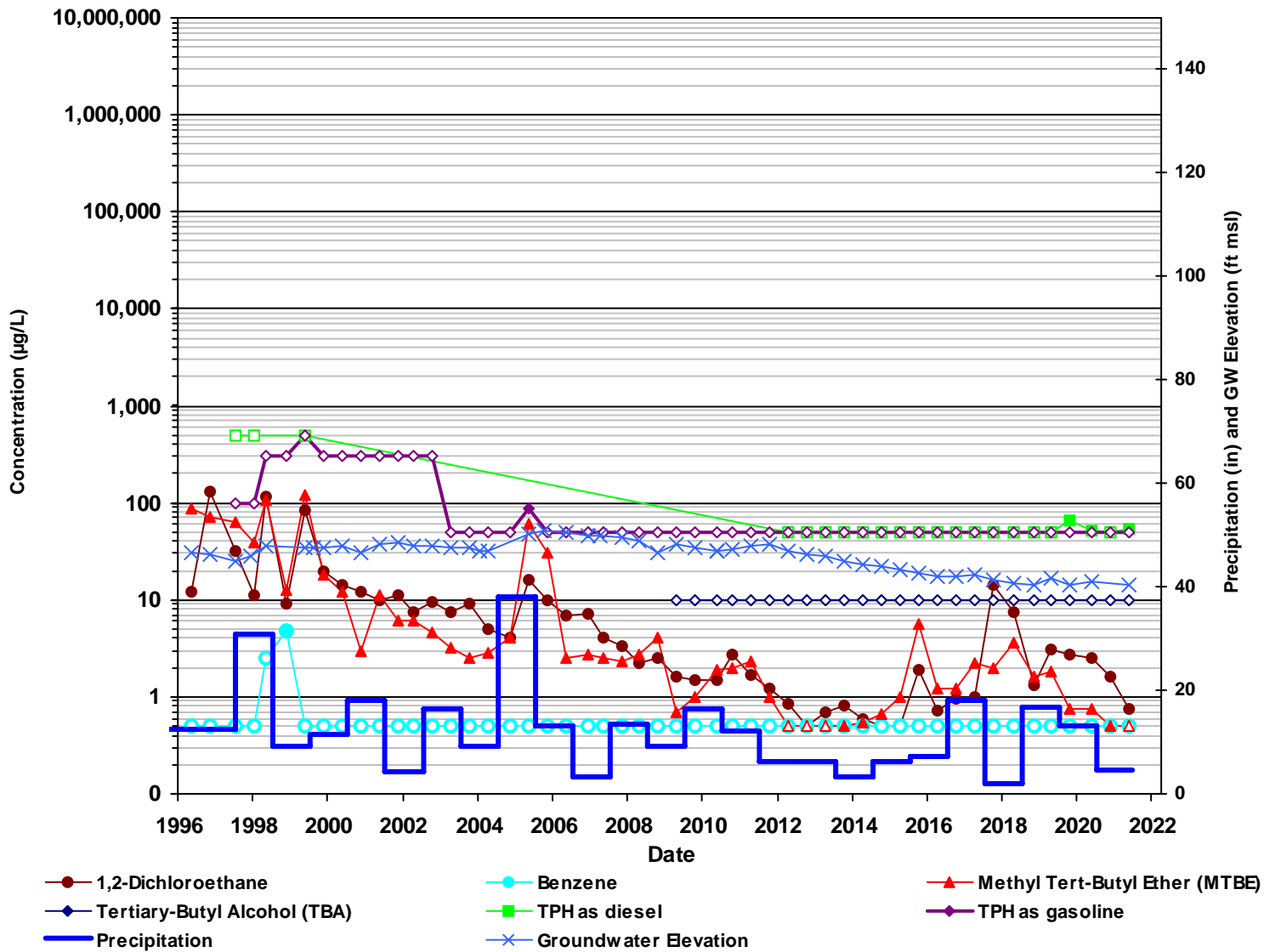
HL-2



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

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

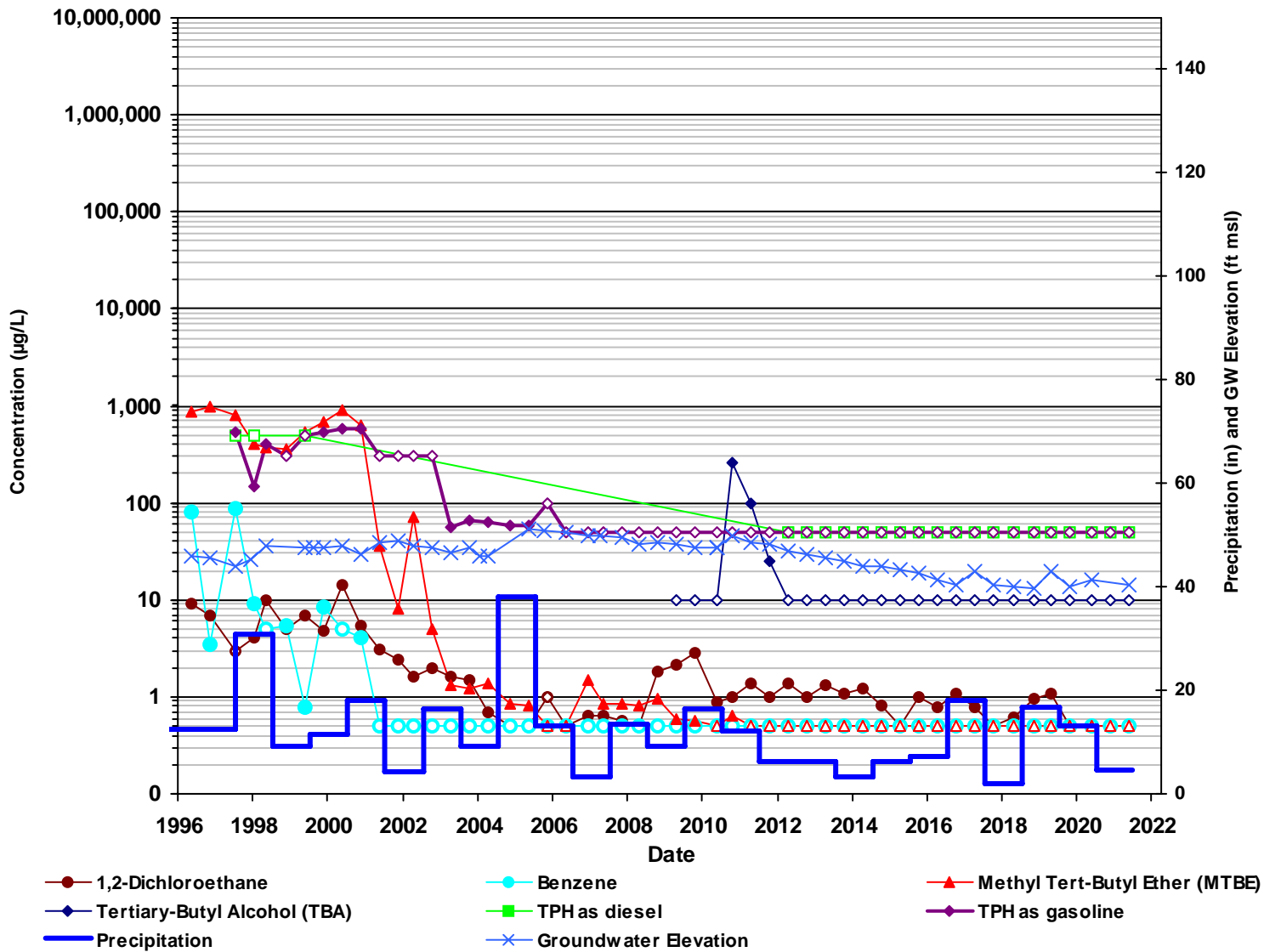
MW-6



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

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

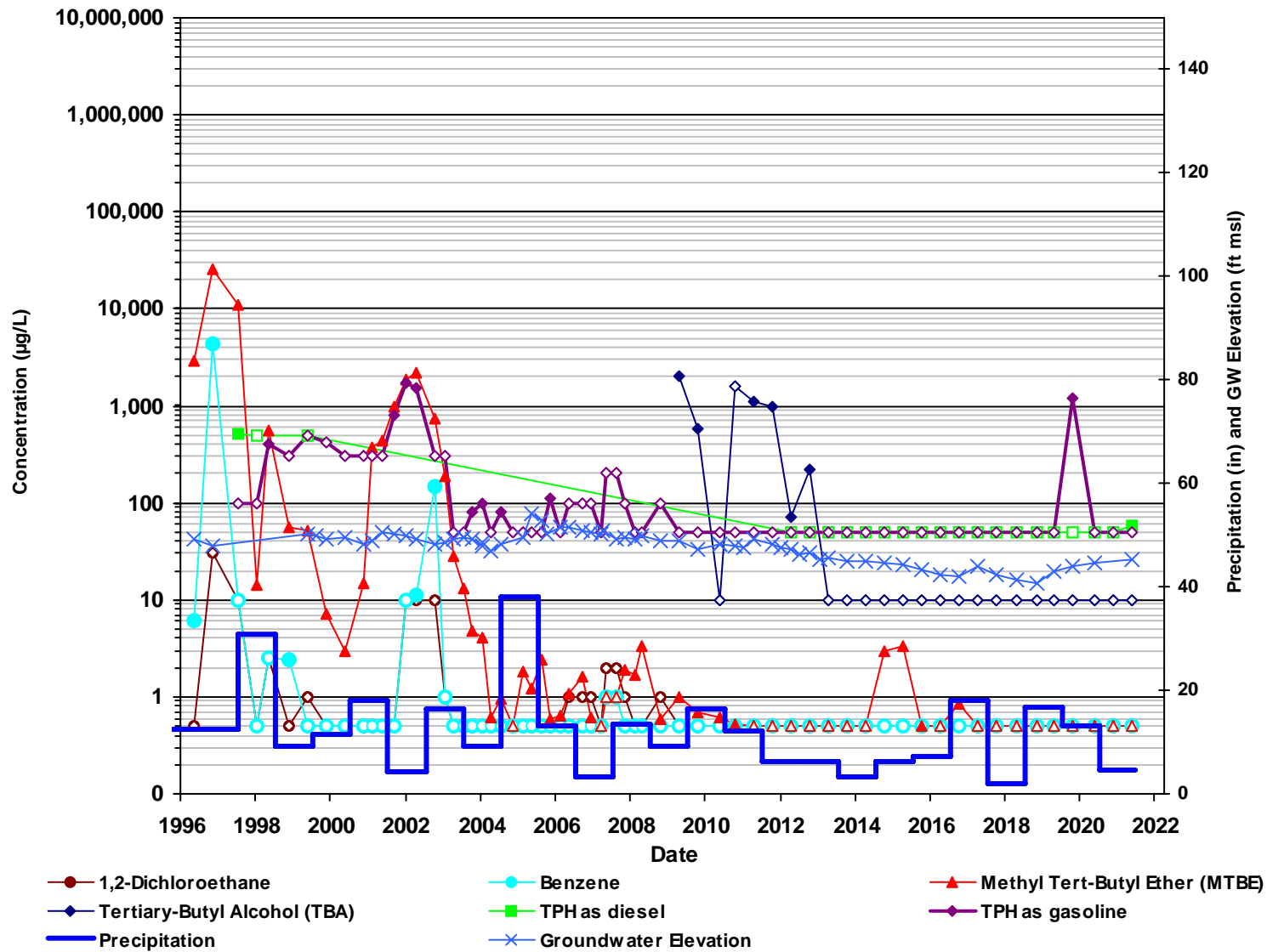
MW-7



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

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

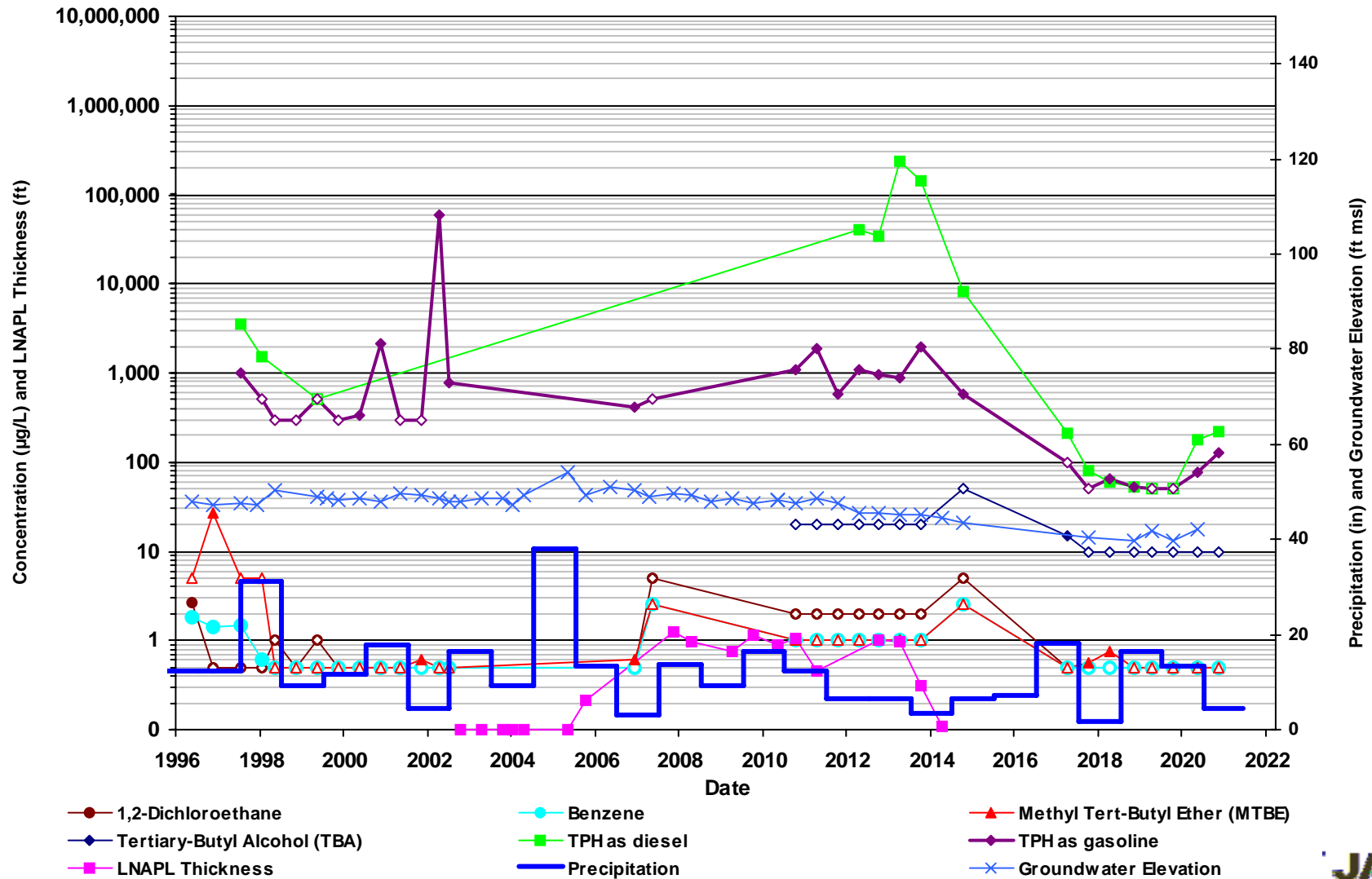
MW-8



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

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

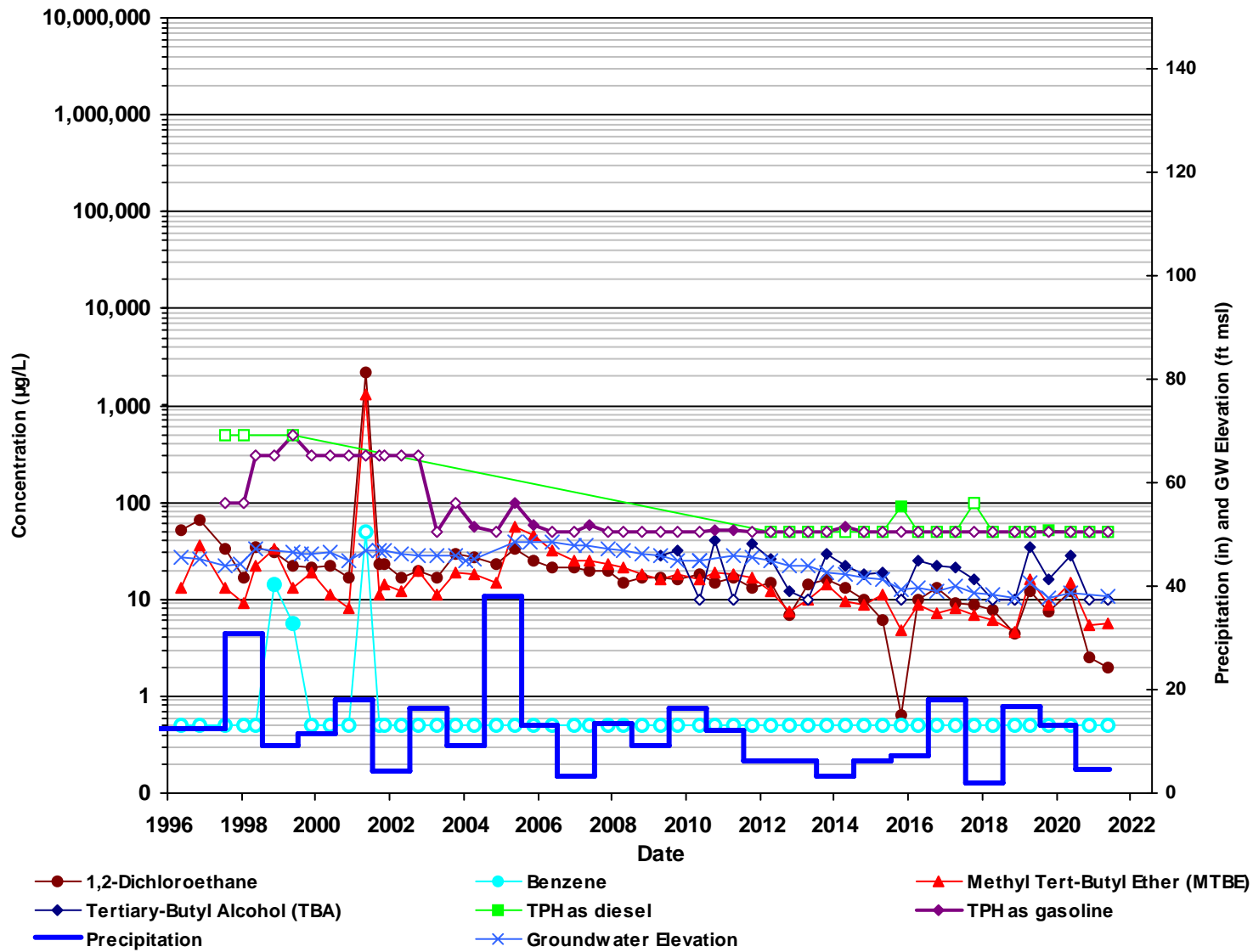
MW-15



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

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

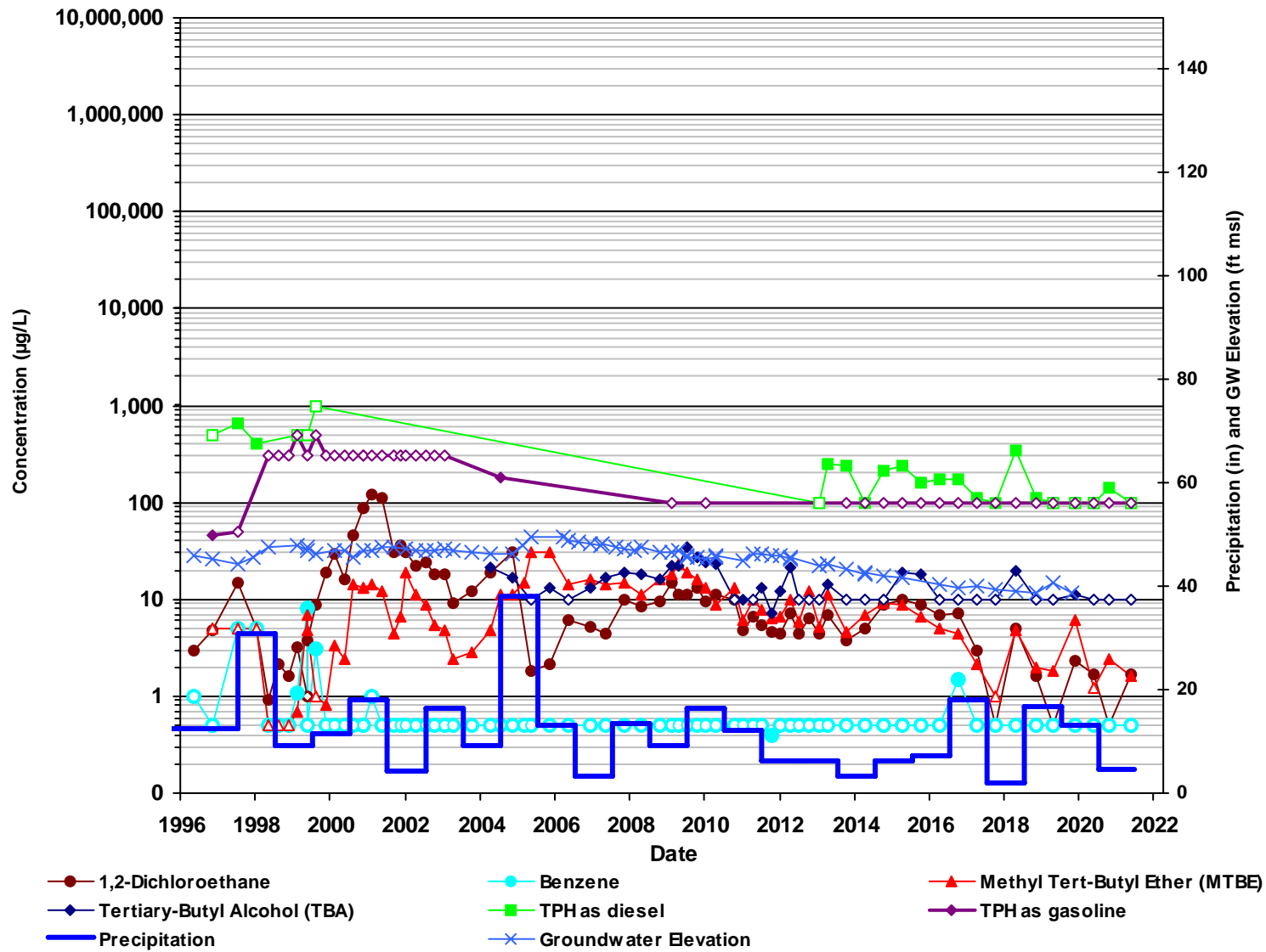
MW-20 (MID)



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

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

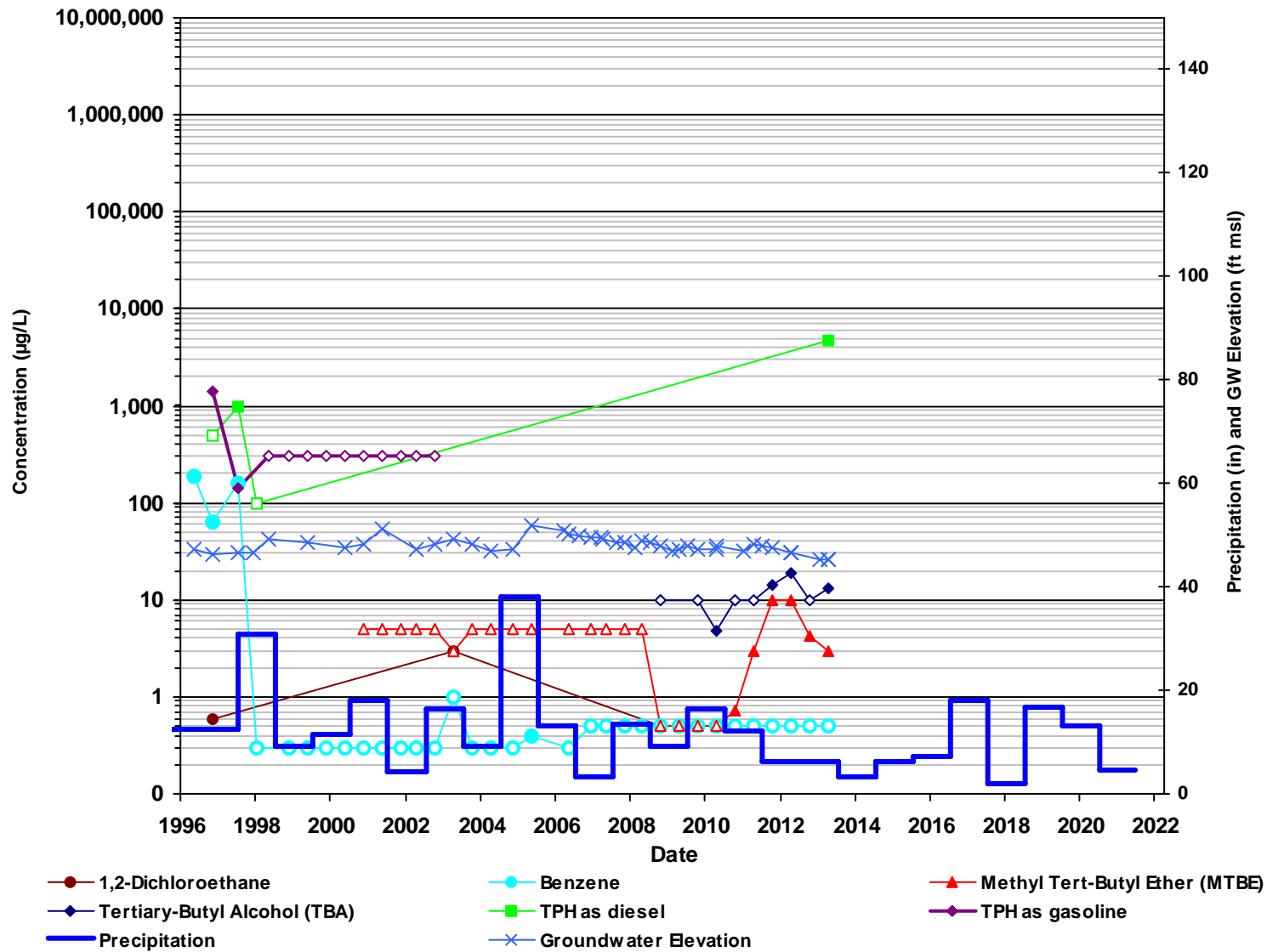
MW-22 (MID)



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

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

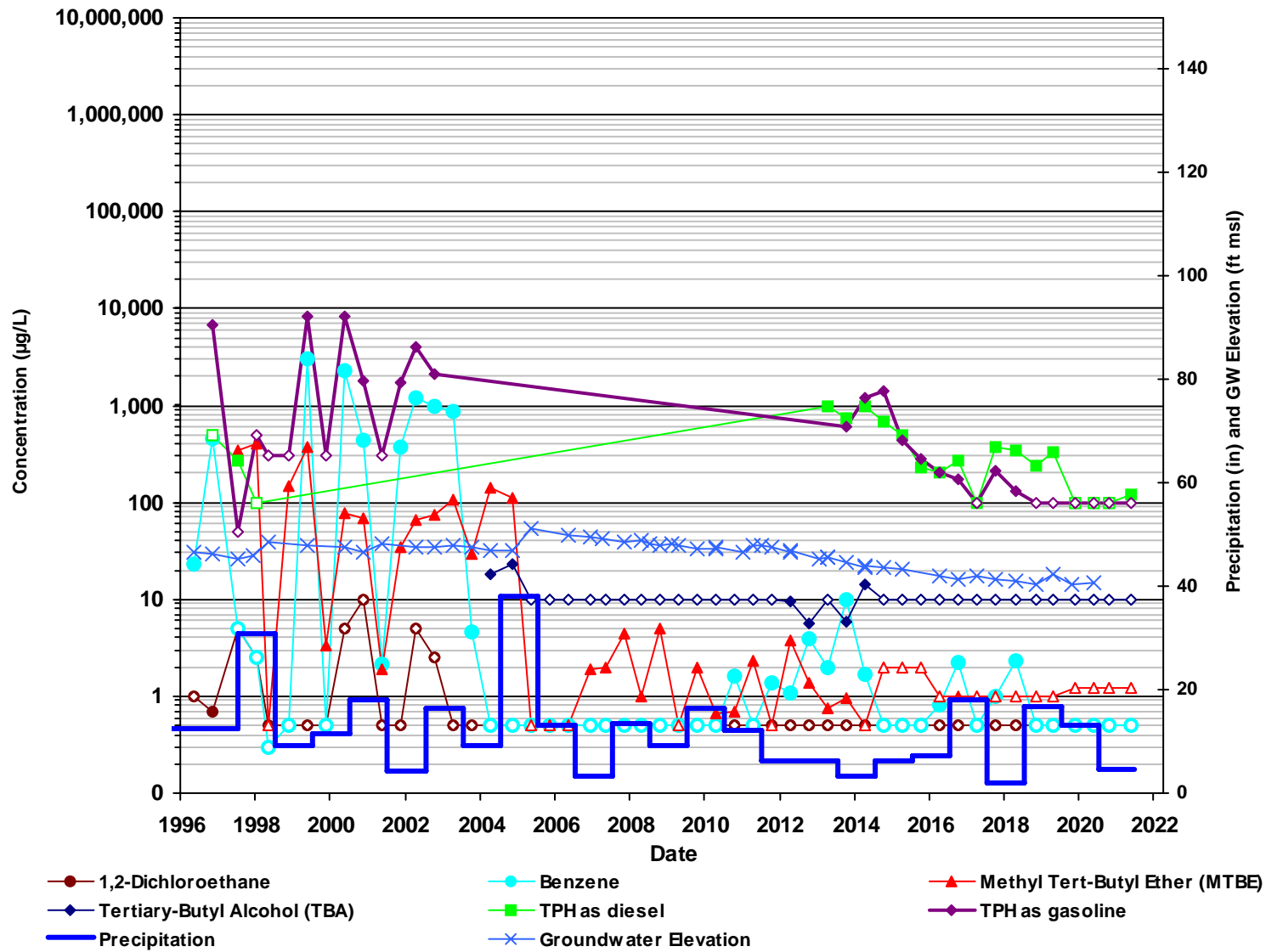
MW-23 (MID)



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

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

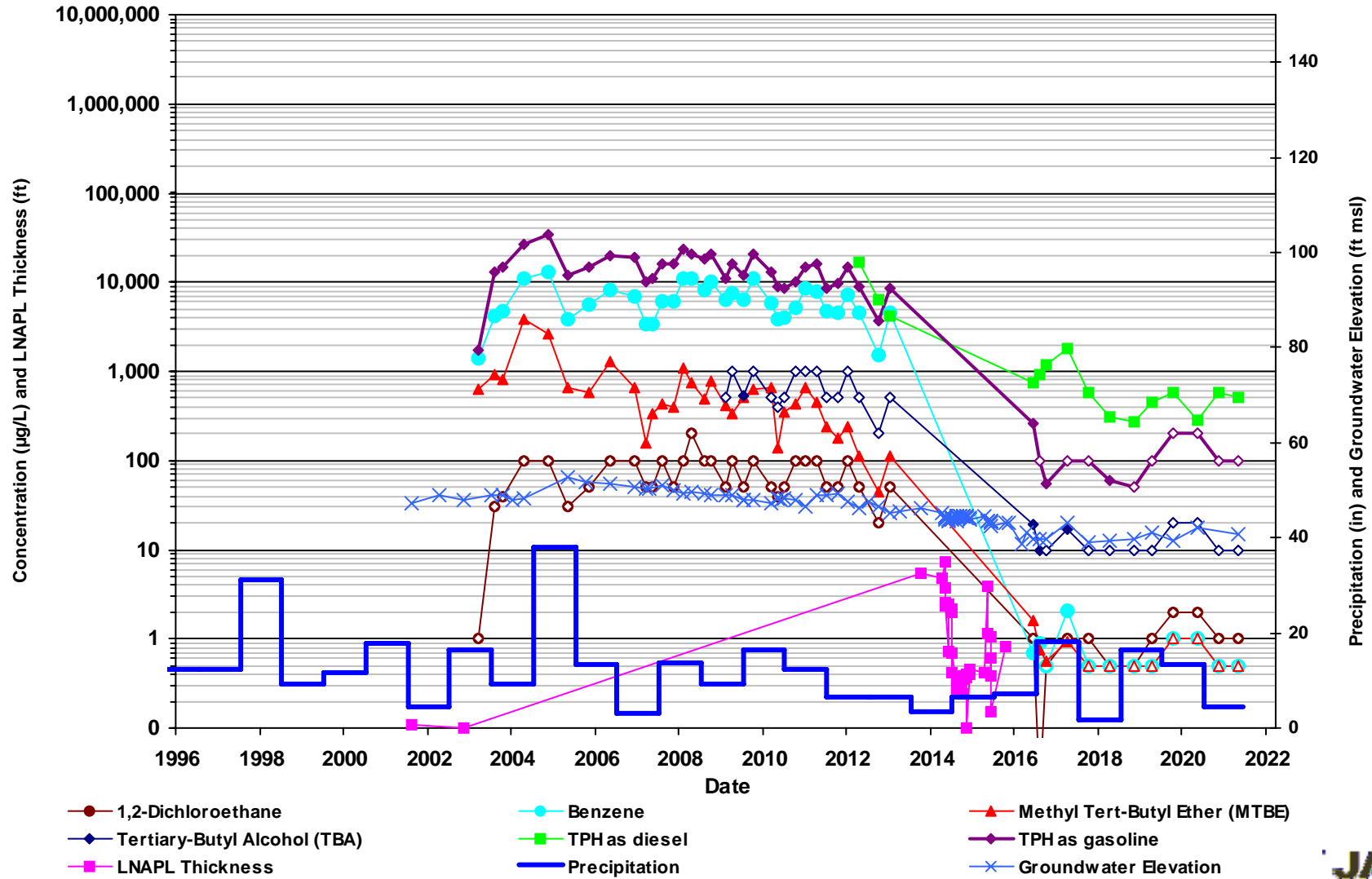
MW-26



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

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

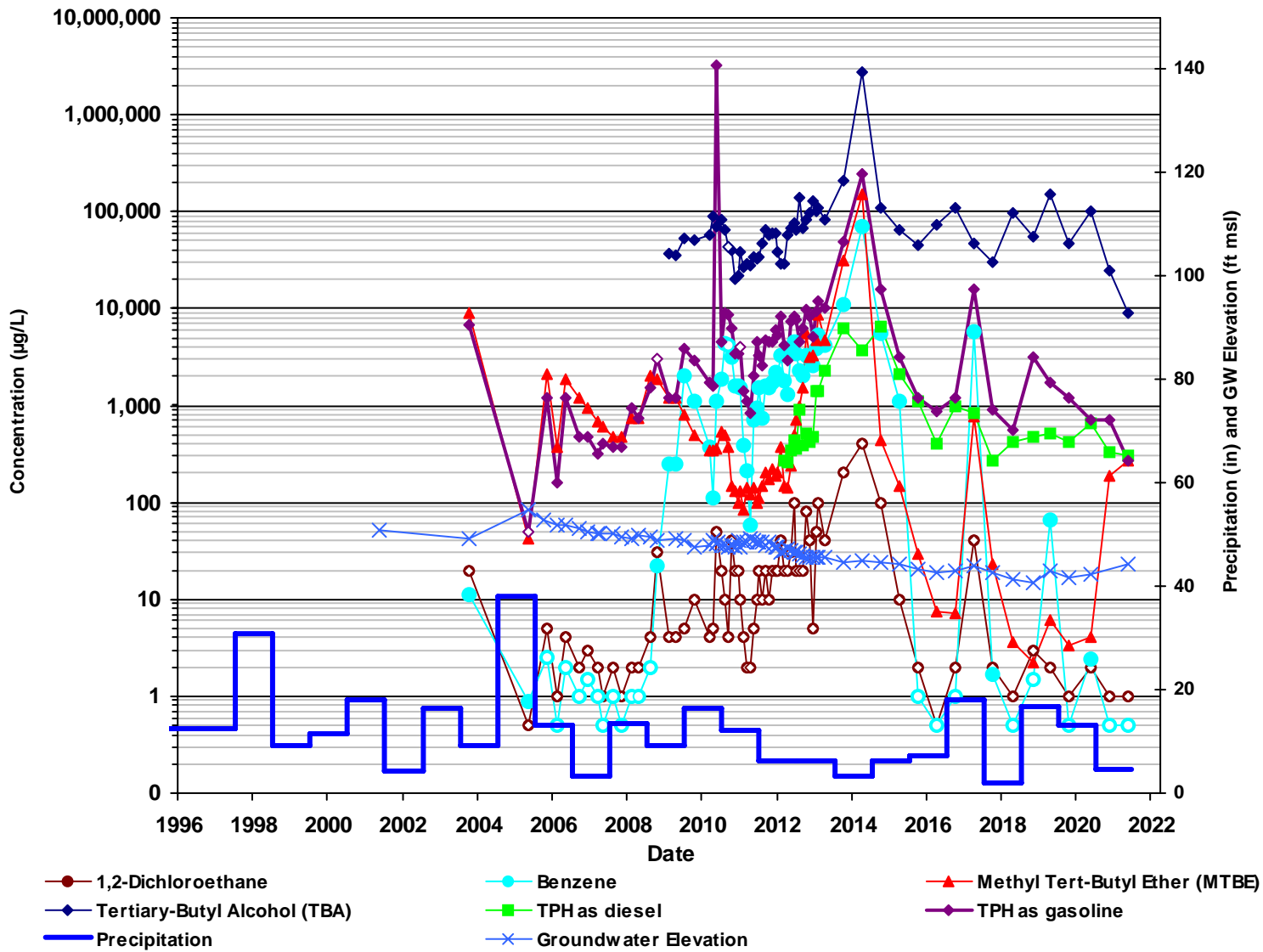
MW-SF-1



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

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

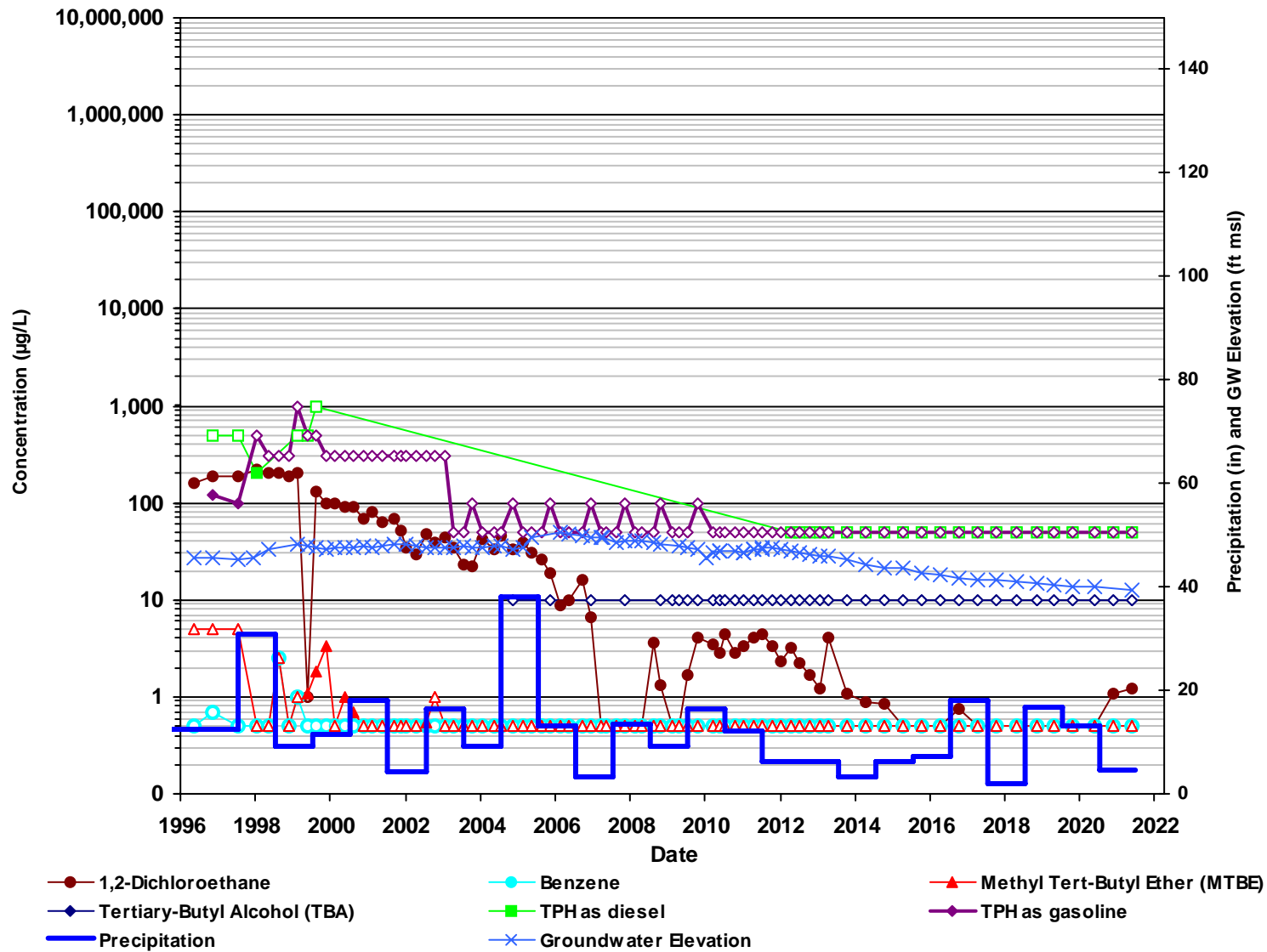
PZ-5



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

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

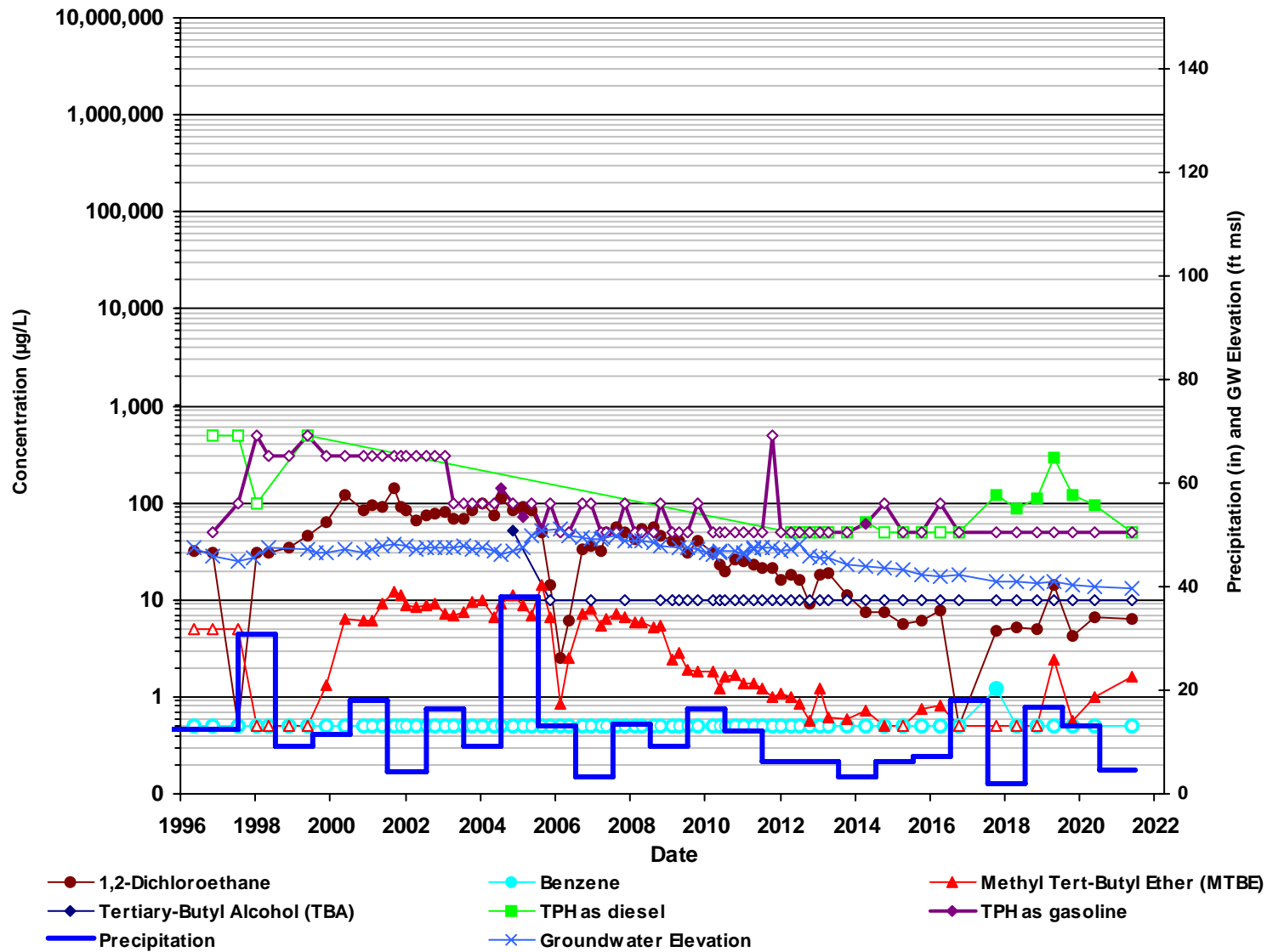
WCW-3



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

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

WCW-7



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

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

Appendix F
Data Quality Assurance/Quality Control Report

Data Quality Assurance/Quality Control

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

Analytical Data

The data quality evaluation report covers 69 normal environmental samples, 7 FDs, 8 EBs, and 3 TBs. Samples were collected between May 4 and May 6, 2021. Analyses were performed by Alpha Analytical, Inc., environmental laboratory in Sparks, Nevada (ALPHA). The sample results were reported as three sample delivery groups (SDGs):

Sample Delivery Groups
2105036
2105046
2105047

Two methods were used to analyze the environmental samples. Samples were collected and submitted directly to the laboratory for analysis. Samples were analyzed for the following analytes/method:

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

Data validation flags were assigned using guidance from the EPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA, 2017a) and EPA National Functional Guidelines for Inorganic Superfund Methods Data Review (EPA, 2017b). Multiple flags are routinely applied to specific sample method/ matrix/ analyte combinations, but there will be only one final flag. A final flag is applied to the data and is the most conservative of the applied data validation flags. The final flag also includes blank sample impacts.

The data validation flags are those listed in the EPA National Functional Guidelines and include the following:

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

Findings

The overall summaries of the data validation findings are contained in the following subsections.

Holding Times

All holding time criteria were met.

Method Blanks

Method blanks were analyzed at the required frequency and were free of contamination that would affect the sample results.

Field Blanks

Field blanks were reviewed to ascertain field compliance and data quality issues. The field blanks were free of contamination that would affect the sample results.

Field Duplicates

Seven FD sets were collected and analyzed during this quarter. Comparison of the analytical results for the FD sample and the associated parent sample indicates that the RPD criteria of less than 30 percent were met for all compounds with the following exceptions:

- The RPD of gasoline was greater than 30 percent in FD set GMW-O-14-050521/DUP-6-050521 for Method SW8015C. The associated detected results in the FD set were qualified as estimated and flagged "J".
- The RPDs of n-propylbenzene and isopropylbenzene were greater than 30 percent in FD set GMW-O-14-050521/DUP-6-050521 for Method SW8260B. The associated detected results in the FD set were qualified as estimated and flagged "J".

Surrogates

All surrogate recovery criteria were met.

Laboratory Control Samples

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

Matrix Spikes/Matrix Spike Duplicates

The results of MS/MSD analyses provide information about the possible influence of the matrix on either accuracy or precision of the measurements. There were no MS/MSD recovery or RPD exceedances that would affect the sample results.

Chain-of-Custody

Each sample was documented in a completed chain-of-custody form and received at the laboratory in good condition.

Overall Assessment

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