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Revised Groundwater Sampling and Analysis Plan – SFPP Norwalk Pump Station

Prepared for:

Kinder Morgan, Inc.
15306 Norwalk Boulevard, Norwalk, California

March 31, 2023





Revised Groundwater Sampling and Analysis Plan – SFPP Norwalk Pump Station

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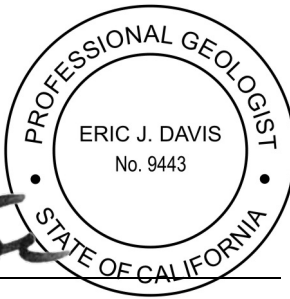
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March 31, 2023
Date

Contents

Acronyms and Abbreviations.....	v
1. Introduction	1
1.1 Objectives.....	1
1.2 Report Organization.....	2
2. Background	3
2.1 Site Description.....	3
2.2 Hydrogeologic Setting	3
2.3 Impacted Areas and Chemicals of Concern.....	4
2.4 Kinder Morgan Remediation Systems.....	4
2.5 DLA Energy Remediation Systems	5
3. Groundwater Monitoring Program	6
3.1 Monitoring Well Network.....	6
3.2 Monitoring Objectives	7
4. Field and Laboratory Procedures.....	8
4.1 Groundwater and LNAPL Measurements.....	8
4.2 Purging and Equipment Calibration	8
4.2.1 Low-Flow Purging.....	8
4.2.2 Alternate Purging Methods	9
4.3 Well Sampling and Analysis.....	9
4.3.1 Sample Labeling	9
4.3.2 Sample Containers and Preservation.....	9
4.3.3 Laboratory Analysis	10
4.4 Decontamination.....	10
4.4.1 Water Level Equipment	10
4.4.2 Water Quality Meters.....	10
4.4.3 Purge Pumps	10
4.4.4 Sample Bottles and Bottle Caps	11
4.4.5 Bailers.....	11
4.5 Investigative-Derived Waste	11
5. Quality Assurance/Quality Control	12
5.1 QC Samples	12
5.1.1 Duplicate Samples	12
5.1.2 Equipment Rinsate Samples.....	12
5.1.3 Trip Blanks.....	12
5.2 Field Documentation.....	13
5.2.1 Well-Monitoring Field Forms.....	13
5.2.2 Wellhead Protection.....	13

5.2.3	Corrections to Documentation	13
5.3	Data Quality.....	13
6.	Reporting.....	15
7.	References.....	16

Appendices

- Appendix A. Historical Analytical Data
- Appendix B. Sitewide Well Construction Details
- Appendix C. Groundwater Statistical Analysis

Tables

- Table 1A. Norwalk Groundwater SAP Optimization Well List (Sorted by Criteria)
- Table 1B. Norwalk Groundwater SAP Optimization Well List (Sorted Alphabetically by Location)

Figures

- Figure 1. Site Location Map
- Figure 2. Groundwater Sampling Plan Summary

Acronyms and Abbreviations

1,2-DCA	1,2-dichloroethane
bgs	below ground surface
BMTgTd	benzene, MTBE, TPH-g, and TPH-d
CH2M	CH2M HILL, now part of Jacobs Engineering Group Inc.
COPC	contaminant(s) of potential concern
CSM	conceptual site model
cVOC	chlorinated volatile organic compound
DFSP	Defense Fuel Support Point
DLA Energy	Defense Logistics Agency Energy
ELAP	California Department of Health Services Environmental Laboratory Accreditation Program
EPA	U.S. Environmental Protection Agency
ESL	environmental screening level
IRAP	Interim Remedial Action Plan
Jacobs	Jacobs Engineering Group Inc.
Kinder Morgan	Kinder Morgan, Inc.
LNAPL	light nonaqueous phase liquid
MRP	Monitoring and Reporting Program
MTBE	methyl tertiary butyl ether
NSZD	natural source zone depletion
PPE	personal protective equipment
QA	quality assurance
QC	quality control
RWQCB	Regional Water Quality Control Board, Los Angeles Region
SAP	sampling and analysis plan
SFPP	SFPP, L.P.
SVE	soil vapor extraction
TBA	tertiary butyl alcohol
TPH	total petroleum hydrocarbons
TPH-d	total petroleum hydrocarbons quantified as diesel fuel
TPH-fp	total petroleum hydrocarbons quantified as fuel product
TPH-g	total petroleum hydrocarbons quantified as gasoline
VOC	volatile organic compound

1. Introduction

This Revised Groundwater Sampling and Analysis Plan (revised SAP) documents the updated scope of work for the groundwater monitoring and reporting program (MRP) at the SFPP Norwalk Pump Station, located at 15306 Norwalk Boulevard, Norwalk, California (Figure 1). This revised SAP has been prepared by Jacobs Engineering Group Inc. (Jacobs, formerly CH2M HILL), on behalf of SFPP, L.P. (SFPP), a subsidiary of Kinder Morgan, Inc. (Kinder Morgan), and in response to conditional approval from the California Regional Water Quality Control Board, Los Angeles Region (RWQCB) of Kinder Morgan's *Interim Remedial Action Plan (IRAP) – Implementing an NSZD Remedy* (Jacobs, 2022a).

Kinder Morgan and Defense Logistics Agency Energy (DLA Energy; formerly DESC), contracting to Source Group Inc., jointly conduct groundwater sampling and analysis events at the former Defense Fuel Support Point (DFSP) Norwalk, referenced herein as the facility. While groundwater sampling is conducted jointly, the focus of this document is on the areas associated with Kinder Morgan operations and on certain areas where groundwater beneath Kinder Morgan operations overlaps with DLA Energy's operational area, referenced herein as the site. DLA Energy addresses sampling in the remaining areas in a separate SAP.

Groundwater monitoring at the site has been conducted in accordance with the Revised Groundwater SAP (CH2M, 2013), requested and approved by the RWQCB in 2013 (RWQCB, 2013a) (RWQCB, 2013b), and additional requests received thereafter from the RWQCB or the DFSP Norwalk Restoration Advisory Board, which are summarized in the revised sampling plan tables located at the end of this report. The 2013 SAP was a revision to the 1995 *Groundwater Sampling and Analysis Plan, DFSP Norwalk/SFPP Norwalk Pump Station, 15306 Norwalk Boulevard, Norwalk, California* (Geomatrix, 1995), which marked the initiation of the Kinder Morgan-DLA Energy joint groundwater monitoring agreement.

The IRAP was submitted to the RWQCB on January 31, 2022, and conditionally approved in a letter from the RWQCB dated October 4, 2022 (RWQCB, 2022). In that letter, the RWQCB requested the following from Kinder Morgan:

- Submit a revised groundwater monitoring plan, including light nonaqueous phase liquid (LNAPL) gauging, for review and approval to effectively monitor changes in dissolved-phase plume characteristics from the residual LNAPL in the subsurface environment.
- Include in the site's future groundwater monitoring and remedial progress reports discussions and recommendations related to the contingency plans in the IRAP based on the observed LNAPL saturation and contaminant phase changes.

This revised SAP was prepared to meet these two RWQCB requests based on ongoing evaluations of the existing groundwater dataset at the site, which are reported in the groundwater reports (Jacobs, 2022c) and remediation reports (Jacobs, 2022b). This revised SAP identifies redundant and/or antiquated data collection practices in the current MRP, with an aim to optimize and modernize the MRP, and identifies contingency (i.e., downgradient) monitoring wells within the monitoring well network that will be the focus of sampling moving forward.

1.1 Objectives

This revised SAP will accomplish the following objectives:

- Assess groundwater flow conditions and monitor the extent of the fuel hydrocarbon plume in the uppermost groundwater zone as well as changes in fuel hydrocarbon constituent concentrations over time beneath the south-central, southern offsite, western offsite, and southeastern areas of the site.
- Monitor the effectiveness of the remediation systems that are addressing the fuel hydrocarbon constituents in the vadose zone and the uppermost groundwater zone.
- Monitor potential impacts to the Exposition aquifer, which underlies the uppermost groundwater zone.
- Document findings in semiannual groundwater monitoring reports that are submitted to the RWQCB.

These objectives will be accomplished by gauging, sampling, and analyzing groundwater samples from a robust network of monitoring wells that are located upgradient, within the plume, transverse gradient, and downgradient of the plume and the remediation systems. To account for seasonal and long-term variations in site conditions, all wells will be gauged semiannually and will be sampled either semiannually, annually, or bi-annually to evaluate concentrations of the fuel hydrocarbon constituents in groundwater. The sampling schedule is described in detail below.

1.2 Report Organization

This revised SAP is organized as follows:

- **Section 1 – Introduction:** Provides a summary-level description of the revised SAP evolution, purpose, objectives, and organization.
- **Section 2 – Background:** Summarizes site background information, including the site description, hydrogeologic setting, impacted areas and chemicals of concern, and remediation systems.
- **Section 3 – Groundwater Monitoring Program:** Discusses Kinder Morgan’s monitoring well network for routine semiannual groundwater monitoring activities, and identifies specific wells that are to be used for remediation system effectiveness monitoring.
- **Section 4 – Field and Laboratory Procedures:** Describes the procedures to be followed during groundwater level measurements, LNAPL measurements, and collection of groundwater samples for laboratory analysis from the groundwater monitoring wells at the SFPP Norwalk Pump Station.
- **Section 5 – Quality Assurance/Quality Control:** Describes the quality assurance (QA) and quality control (QC) procedures for the groundwater monitoring program.
- **Section 6 – Reporting:** Describes the semiannual reporting of groundwater monitoring and sampling results for the second and fourth quarters. Reports will be submitted to the RWQCB.
- **Section 7 – References:** Provides a bibliography of documents cited in text.

Tables, figures, and appendices are provided at the end of text.

2. Background

This section summarizes site background information, focusing on the site description, hydrogeologic setting, impacted areas and chemicals of concern, and remediation systems.

2.1 Site Description

The former DFSP is located at 15306 Norwalk Boulevard in Norwalk, California (Figure 1), and consists of two adjacent parcels of land referred to as the 36-acre parcel to the west (currently owned by the federal government), and the 15-acre parcel to the east (currently owned by the City of Norwalk). Previously, Kinder Morgan operated a pump station near the south-central area of the facility (within the 36-acre parcel) and had other equipment related to refined petroleum product pipelines in the southernmost portion of the facility along the southern block wall. Currently, Kinder Morgan has an easement for its three refined petroleum products pipelines that traverse the facility along the southern block wall boundary.

Groundwater monitoring is conducted by Kinder Morgan (contracted to Jacobs) in conjunction with DLA Energy (contracted to Source Group Inc.) at the facility. While the groundwater impacts at the site are monitored jointly, sources of impacts at the site are generally divided into approximately six areas:

1. North-Central Area (generally DFSP sources)
2. East-Central Area (generally DFSP sources)
3. Western Area (potentially comingled DFSP and Kinder Morgan sources)
4. Truck Rack Area (potentially comingled DFSP and Kinder Morgan sources)
5. South-Central Area (includes South-Central/Onsite and South-Central/Offsite areas; generally Kinder Morgan sources)
6. Southeastern Area (generally Kinder Morgan sources)

The remedial management of the site is relatively bifurcated between the DFSP source impacts in the northern portion of the site and the Kinder Morgan source impacts along the southern boundary of the site in the areas listed and described above. The facilities present at the site were decommissioned in 2001 with the exceptions of the existing Kinder Morgan pipelines.

Kinder Morgan maintains remediation equipment within 2 acres at the facility and has an easement for its pipelines along the southern and eastern boundaries of the facility.

2.2 Hydrogeologic Setting

The hydrogeologic units underlying the 50-acre facility consist of the following units (see IRAP for complete details of the Bellflower and Exposition units):

- Uppermost groundwater zone (discussed in greater detail below)
- Bellflower aquitard
- Exposition aquifer

The uppermost groundwater zone in the site vicinity is a semiperched unit with a vadose zone from ground surface to approximately 25 feet below ground service (bgs) and a saturated zone approximately between 25 and 50 feet bgs. The lithology within the uppermost groundwater zone consists of poorly graded sand, silty sand, clayey sand, and sandy silt. Overall, there is a general pattern that the lower 20 feet (from 20 to 50 feet bgs) consists of mostly sandy or clean sand materials while the upper 30 feet (from ground surface to 30 feet bgs) consists of more interbedded sand, silty sand, clayey sand, and sandy silt.

Groundwater flow within the uppermost groundwater zone, as interpreted during previous assessments and monitoring at DFSP, is historically observed on average to be toward the north under a horizontal

gradient of approximately 0.002 foot per foot. Hydraulic conductivity of the uppermost groundwater zone has been reported to range from 12 to 73 feet per day in the south-central area of the facility to 20 to 60 feet per day in the southeastern area (AMEC, 2010). The average porosity of the uppermost zone is approximately 0.25 (unitless). Based on the hydraulic gradients and conductivities, groundwater velocities are approximately 0.09 to 4 feet per day in the uppermost groundwater aquifer.

2.3 Impacted Areas and Chemicals of Concern

Contaminants of potential concern (COPCs) in groundwater are sourced from the remaining, primarily residual, LNAPL (Jacobs, 2022c). Subsurface assessments have been performed at the facility since 1986. Over the years, numerous groundwater monitoring wells have been installed at the site for monitoring and as components of groundwater remediation systems. The investigations have evaluated and defined the distribution of the LNAPL-phase, sorbed-phase, and dissolved-phase fuel hydrocarbons in soil and groundwater beneath the facility and at offsite properties to the south, west, and east.

Based on previous investigations, LNAPL was determined to be present in groundwater in three distinct areas of the site: the north-central area, monitored by DLA Energy; the south-central area (onsite and offsite), monitored primarily by Kinder Morgan; and the southeastern area, monitored by Kinder Morgan. As of 2022, only 8 of 178 total wells contain measurable LNAPL at the site, including 4 located in the DLA Energy areas and 4 located in the Kinder Morgan areas. The dissolved-phase plumes in shallow groundwater in these areas are sourced from this LNAPL. Although there is no measurable LNAPL present in the western area, relatively low concentrations of dissolved-phase components have historically been present in the western area beneath the facility and offsite beneath the residential area to the west.

Previous site assessments have shown soil impacts from COPCs including total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), chlorinated VOCs (cVOCs), and oxygenates. In particular, benzene, oxygenates (primarily methyl tertiary butyl ether [MTBE]), total petroleum hydrocarbons quantified as gasoline (TPH-g), and total petroleum hydrocarbons quantified as diesel fuel (TPH-d) remain the only nonchlorinated COPCs, which are routinely still detected in site groundwater. Relatively minor and discrete detections of 1,2-dichloroethane (1,2-DCA), another cVOC, are also present in groundwater, although they are not sourced from the LNAPL releases at the site (Jacobs 2022c). Historical groundwater data are provided in Appendix A. Additional details regarding historical sampling are provided in semiannual groundwater sampling reports (Jacobs, 2022c) and have also been summarized in the quarterly remediation reports (Jacobs, 2022b). In general, in the Kinder Morgan areas, TPH-g serves as a surrogate for all other COPCs with the exception of the chlorinated COPCs, as all COPCs are primarily sourced from gasoline in these areas.

Additional details on the petroleum hydrocarbon-related subsurface impacts can be found in the latest conceptual site model (CSM) report (CH2M, 2013), more recent LNAPL CSM report (CH2M, 2018), and the IRAP (Jacobs, 2022a).

2.4 Kinder Morgan Remediation Systems

Kinder Morgan currently operates remediation systems consisting of soil vapor extraction (SVE) and biosparging in only one area at the site (South-Central/Offsite) in addition to ongoing natural source zone depletion (NSZD) monitoring in the Truck Rack Area, South-Central Area (includes South-Central/Onsite and South-Central/Offsite areas), and Southeastern Area (generally Kinder Morgan sources).

Historically SVE, biosparging, total fluids extraction (extraction of free product, groundwater, or both, using a top-loading pump), groundwater extraction (extraction of groundwater using a bottom-loading pump), and treatment of extracted soil vapors and groundwater were used to address the following three areas:

- **South-Central Area.** LNAPL and dissolved-phase hydrocarbons occur in the south-central area beneath the facility and offsite beneath the residential area to the south. These impacts occurred from a historical release from the “intermediate 24-inch block valve” and potentially other unidentified sources at the former pump station.
- **Southeastern Area.** LNAPL and dissolved-phase hydrocarbons occur in the southeast area beneath the facility and offsite in the Holifield Park area. These impacts occurred from a historical release from the “southeastern 24-inch block valve” or “offsite 24-inch block valve” in this area.
- **Western Area.** Dissolved-phase hydrocarbons occur in the western area beneath the facility and offsite beneath the residential area to the west.

As described in the IRAP (Jacobs, 2022a) and ongoing remediation reports, these previous remediation systems have all reached endpoints, but have been maintained in place as a contingency if needed.

2.5 DLA Energy Remediation Systems

DLA Energy operates remediation systems to address the north-central tank farm area, the truck fill stand (or Truck Rack Area), the northwestern boundary area, and the eastern area, a portion of which extends into the northern portion of Holifield Park. It is anticipated that these areas will be discussed in a separate SAP prepared by DLA Energy.

3. Groundwater Monitoring Program

This section discusses Kinder Morgan's monitoring well network for routine semiannual groundwater monitoring activities, and identifies specific wells that are to be used for remediation system effectiveness monitoring.

3.1 Monitoring Well Network

A summary of the wells currently being sampled as part of the 2013 SAP and SAP amendments is provided in Table 1A (sorted by sampling criteria) and Table 1B (sorted alphabetically). Well construction for these wells is provided in Appendix B although SFPP is currently responsible for sampling 70 of these wells and gauging 94 wells.

Currently wells are gauged semiannually, primarily to evaluate groundwater contours and within the SFPP areas to monitor the four remaining wells containing LNAPL. The set of wells used for gauging and their gauging schedule will remain unchanged for the time being; however, as needed, wells may be removed from this gauging schedule or the frequency at which the wells are gauged may be revised with approval from the RWQCB based on data needs.

In addition to SFPP well gauging, 61 of these wells are sampled semiannual and 9 are sampled quarterly for groundwater analysis. Since the previous groundwater SAP, significant improvements in site conditions warranted the reevaluation of the wells being sampled and the frequency of sampling. Based on a review of historical dissolved-phase data, which are discussed in semiannual groundwater reports (Jacobs, 2022c) and statistics for which are provided in Appendix C, the following criteria were used to redefine the sampling frequency:

1. Wells that have been nondetect in the most recent sampling for the COPCs of benzene, MTBE, TPH-g, and TPH-d (BMTgTd) and have demonstrated long-term decreasing trends will be transitioned to a biannual sampling frequency (every other year). Wells that fall into these criteria are also under consideration for suspending sampling and/or abandoning these wells in future requests to the RWQCB. In total, 35 wells meet these criteria as detailed in Table 1A.
2. Wells that have had detections in one or more of the COPCs of BMTgTd in the last sampling event but are below RWQCB generic Tier 1 environmental screening levels (ESLs), have a downward trend in those COPCs, and are in areas of lower concern (i.e., bounded by other wells that are nondetect for BMTgTd and not on downgradient property boundaries) will be transitioned to annual sampling frequency. Note that groundwater criteria have not been established for the site nor are criteria being established here; however, these values represent a conservative starting point for evaluating well sampling frequency. In total, seven wells meet these criteria as detailed in Table 1A.
3. Wells that have been above Tier 1 ESLs for one or more of the COPCs of BMTgTd but have downward trends and are in areas of lower concern will also be transitioned to annual sampling frequency. In total, four wells meet these criteria as detailed in Table 1A. Note that only three wells will be sampled as GMW-O-23 has been abandoned and is represented by GMW-O-11.
4. Wells that have been above Tier 1 ESLs for one or more of the COPCs of BMTgTd but have no downward or upward trend and are in areas of lower concern will also be transitioned to annual sampling frequency. In total, six wells meet these criteria as detailed in Table 1A.
5. Contingency wells, which are discussed further in the next section, will be used to adjust remediation activities if the dissolved-phase trends in these wells change from stable to increasing and are located in key downgradient or plume delineation locations, which will be monitored semiannually, although some of these wells meet the first four criteria listed above. In total there are eight contingency wells as detailed in Table 1A.
6. No wells have increasing trends in BMTgTd.

Following review using the above criteria, five Exposition aquifer and 72 uppermost groundwater zone monitoring wells were selected for sampling at frequencies from semiannually to biannually in the monitoring program.

SFPP and DLA Energy may elect to sample Exposition aquifer wells EXP-1, EXP-2, and EXP-3 concurrently as split samples to ensure quality control in these monitoring wells.

The wells selected for SFPP's monitoring program are summarized in Table 1A and their locations and sampling frequencies are illustrated on Figure 2. Construction details for all sitewide wells are included in Appendix A. Additional wells not included in this monitoring program may be gauged periodically in order to optimize the operation of SFPP's remediation systems.

3.2 Monitoring Objectives

The objectives of the groundwater monitoring program and well network are summarized as follows, consistent with the requirements stated in the RWQCB's letter dated October 4, 2022 (RWQCB, 2022):

- Monitor changes in dissolved-phase plume characteristics from the residual LNAPL in subsurface environment.
- Monitor the remaining four Kinder Morgan wells containing LNAPL (GMW-23, GMW-29, GMW-30, GMW-O-12)

Additionally, the monitoring objectives include continued optimization of the groundwater monitoring data. Adjustments to the groundwater monitoring plan may be requested from the RWQCB based on the criteria discussed in Section 3.1 as COPCs continue to decline in wells due to remediation.

The monitoring well program summarized in Table 1A and the well network shown on Figure 2 meet these objectives.

A subset of wells around the South-Central/Onsite, South-Central/Offsite, and Southeastern areas function as the contingency wells for each of the primary remediation areas. These wells are monitored at a higher frequency (semiannually) and will be used to adjust remediation activities if the dissolved-phase trends in these wells change from stable conditions to increasing conditions. The well locations and density of the well network surrounding these areas are robust and sufficient to assess the behavior of the remaining groundwater plume.

4. Field and Laboratory Procedures

This section describes the procedures to be followed during groundwater level measurements, LNAPL measurements, and collection of groundwater samples for laboratory analysis from the groundwater monitoring wells at the site. Monitoring wells will be gauged and sampled on a semiannual frequency. The sampling events will occur in the second and fourth quarters of each year. The purpose of performing the monitoring events during these quarters is to capture the seasonal high and seasonal low groundwater elevation conditions.

4.1 Groundwater and LNAPL Measurements

Prior to sampling, all Kinder Morgan monitoring wells will be gauged using either an electronic water level meter or an electronic oil-water interface probe. Wells with historically low concentrations or with no detectable hydrocarbon constituents will be gauged using a water level meter. Wells with higher concentrations of hydrocarbon constituents and with historical presence of LNAPL will be gauged using an oil-water interface probe. Each well will be measured to the nearest 0.01 foot and referenced to the top of casing at each wellhead. Depth to water and/or LNAPL and well total depth will be measured and recorded in the field logbook or field sheets.

If pressure is suspected or has developed inside the well casing prior to water level measurement, the well will be allowed to stand without a cap to allow water levels to stabilize under atmospheric conditions before taking the water level measurement. Equipment placed in the wells for gauging will be cleaned before each use according to the procedures presented in Section 4.4.

4.2 Purging and Equipment Calibration

Where possible, groundwater samples will be collected using the low-flow sampling method, consistent with U.S. Environmental Protection Agency (EPA) guidance in “Low-flow (Minimal Drawdown) Groundwater Sampling Procedures” (EPA, 1996). In cases where this method is not possible, such as where the well does not provide sufficient yield for the low-flow method or there are permanent remediation pumps in the well, samples will be collected using alternate methods.

4.2.1 Low-Flow Purging

An electronic submersible pump or positive displacement bladder pump will be placed at or near the midpoint of the saturated well screen. The well then will be pumped at a flow rate to maintain minimal drawdown of the water level during pumping; it is estimated that the flow rate will be approximately 0.1 to 0.5 liter per minute. The water levels in the well will be monitored during pumping to monitor the drawdown during purging. The purging equipment will be decontaminated before and after well purging at each well is complete.

During purging, the groundwater will be monitored for conductivity, pH, temperature, turbidity, oxidation-reduction potential, and dissolved oxygen. Accurate measurement of the field parameters will require a flow-through cell or other means to ensure that the purge water is continuously monitored. Each well will be pumped until the measured field parameters (temperature, pH, turbidity, and conductivity) have stabilized within 10 percent over three successive readings prior to collecting samples. The water level also should be stable or rising during sampling. The water level and water quality parameter measurements will be recorded on the well monitoring field forms, along with the primary and/or duplicate sample identification name/number, purging and sampling methods, total well depth, depth to groundwater, and volume of water removed from the well.

Equipment used to measure field parameters will be maintained and calibrated according to manufacturer’s specifications. At a minimum, calibration will occur at the start of each day, and will be recorded in the field logbook along with the equipment serial number.

4.2.2 Alternate Purging Methods

For remediation wells with extraction pumps, groundwater samples will be collected directly from the wellhead sample ports or the ports located at the groundwater treatment system manifold. Prior to sample collection, field parameters will be collected per the methods described above to ensure that the purge water is continuously monitored. The groundwater sampling contractor will coordinate with Kinder Morgan to determine remediation well operation status prior to sampling activities.

4.3 Well Sampling and Analysis

Groundwater samples will be collected from all selected wells that do not contain a measured thickness of LNAPL, and from which purged water does not exhibit a hydrocarbon sheen. Wells with a measured LNAPL layer or noticeable hydrocarbon sheen on purge water will not be sampled. In general, wells will be sampled in an order progressing from least VOC contamination to highest VOC contamination, to prevent cross-contamination of wells with minimal or undetectable VOC concentrations.

After purging activities are complete (using low-flow methods), a groundwater sample will be collected from the well through the pump used to purge the well. Samples will be transferred into sample bottles supplied by the analytical laboratory through the pump discharge hose. In some cases, it may be necessary to sample remediation extraction wells through the wellhead sampling port or at the groundwater treatment system manifold. In these cases, samples will be collected directly from the wellhead or manifold sampling port.

Samples to be analyzed for VOCs and TPH (gasoline and diesel) will be collected in five 40-milliliter glass volatile organic analysis vials. The vials will be filled so that no headspace is present after sample collection. Filled containers will be checked by inverting the vial and tapping to reveal any air bubbles. If air bubbles are present, containers will be emptied, reacidified, and refilled. If, after several attempts at sample collection, air bubbles remain, the sample will be described in the field notebook as an “aerated sample.”

All groundwater samples will be cooled to 4 degrees Celsius and stored away from sunlight prior to shipping by immediately placing the full sample bottle into an iced cooler.

4.3.1 Sample Labeling

Sample containers will be labeled with self-adhesive tags having the following information written in waterproof ink: project name and number, sample number, date and time of sample collection, and initials of sample collector.

4.3.2 Sample Containers and Preservation

Sample containers with the proper preservatives will be supplied by the laboratory. Samples will be preserved in accordance with EPA requirements of the laboratory methods.

Samples sealed in glass containers will be bubble-wrapped and placed in individual zip-close-style bags labeled with the sample number. Samples will be packed inside the ice cooler with inert cushioning material (e.g., styrofoam) to prevent glass containers from breaking. Ice, double-sealed in resealable plastic bags, will be added to the cooler. A chain-of-custody form will be completed, sealed in a zip-close-style bag, and taped to the inside of the cooler lid. The cooler will be taped shut with strapping tape; and two chain-of-custody seals will be taped across the cooler lid. The samples then will be delivered to an analytical laboratory certified by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP).

Samples that cannot be shipped the same day will be properly preserved; custody will be maintained in a locked area or vehicle.

4.3.3 Laboratory Analysis

Groundwater samples will be submitted to an ELAP-approved laboratory for the following analyses:

- TPH using EPA Method 8015 (modified) following both the purge and trap preparation technique, and the extraction sample preparation technique
- VOCs including fuel oxygenates (tertiary butyl alcohol [TBA], MTBE, di-isopropyl ether, ethyl tertiary butyl ether, and tertiary amyl methyl ether) using EPA Method 8260B

Results for TPH analyses using the purge and trap preparation technique will be quantified and reported against a commercial gasoline standard and abbreviated as “TPH-g.” Historically, results for TPH analyses using extraction sample preparation for groundwater samples were quantified and reported against a standard of site fuel collected from the north-central remediation system. These total petroleum hydrocarbons quantified as fuel product results were abbreviated as “TPH-fp.” TPH-fp was subsequently replaced with TPH quantified as diesel (“TPH-d”) analysis in April 2012. The primary concern with reporting TPH-g and TPH-fp is that the carbon ranges for these compounds overlap and thus the hydrocarbons are double counted, potentially yielding false high total TPH values. Because the laboratory-defined carbon ranges for TPH-g (C4 to C13) and TPH-d (C13 to C22) match up back-to-back, both gasoline and diesel fuels are more accurately measured by the combination of these two methods. Approval to analyze TPH-d in lieu of TPH-fp was granted by the RWQCB in an e-mail from Mr. Paul Cho, dated April 5, 2012.

The carbon ranges for TPH-g, TPH-fp, and TPH-d are approximately as follows:

TPH-g	C4 to C13
TPH-fp	C8 to C22
TPH-d	C13 to C22

4.4 Decontamination

The methods for cleaning reusable equipment that is not dedicated to a particular well are presented in the following sections.

4.4.1 Water Level Equipment

Water level equipment will be cleaned by wiping the instrument with disposable towels, rinsing the probe or portion of the instrument that was immersed in water or product with a solution of laboratory-grade detergent and potable water, rinsing with potable water followed by rinsing with deionized water, and drying with a clean paper towel or air drying.

4.4.2 Water Quality Meters

Water quality meters will be cleaned by rinsing the probe portions in deionized water and allowing to air dry.

4.4.3 Purge Pumps

Purge pumps will be decontaminated using a laboratory-grade detergent wash followed by potable water and deionized water rinses. Decontamination will include pumps and associated tubing, piping, and fittings. Internal surfaces will be decontaminated by operating the pump in a manner such that wash and rinse solutions are pumped through all internal parts of the pump and all portions of the discharge line. External surfaces of the pump and discharge line will be washed and rinsed by hand.

4.4.4 Sample Bottles and Bottle Caps

All sample bottles and bottle caps will be factory-new or cleaned by the subcontracted laboratory using standard EPA-approved methods.

4.4.5 Bailers

If bailers are used, they will be factory-new polyethylene disposable bailers; therefore, decontamination will not be required.

4.5 Investigative-Derived Waste

Spent personal protective equipment (PPE), purged groundwater, decontaminant rinsate water, and other materials derived from activities will be collected and staged at Kinder Morgan's remediation pad in the south-central area of the facility. PPE and other miscellaneous materials will be transferred to 55-gallon Department of Transportation-approved drums provided by Kinder Morgan. The drums will be sealed and labeled as nonhazardous waste. Purge and rinsate water will be transferred to the remediation pad sump for eventual treatment by Kinder Morgan's groundwater treatment system. In the event that the remediation system is not operating, or the purge water is not suitable for processing in the treatment equipment, Kinder Morgan will arrange for alternate disposal in accordance with applicable regulations.

5. Quality Assurance/Quality Control

This section describes the QA and QC procedures for the groundwater monitoring program. The QA program will consist of QC samples, field documentation, and data quality assessment.

5.1 QC Samples

A field QC program will be implemented to help maintain the required level of confidence in the field data and to provide cross-checks on the laboratory performing the analyses. QC samples, such as blanks, replicates, and surrogate spikes, will be collected routinely. QC samples will be collected for each analyte or each analytical method. Because the number of QC samples frequently depends on how the fieldwork is organized and implemented, the frequency of QC sample collection will be continually monitored so unnecessary QC samples are not collected.

The following types of field QC samples will be collected:

- Duplicate samples
- Equipment rinsate samples
- Trip blanks

QC samples are described in detail in the following sections.

5.1.1 Duplicate Samples

A field duplicate sample is a second sample collected at the same location as the original sample. Duplicate samples are collected simultaneously or in immediate succession, using identical recovery techniques and treated in an identical manner during storage, transportation, and analysis. The sample containers are assigned an identification number in the field such that they cannot be identified (blind duplicate) as duplicate samples by laboratory personnel performing the analysis.

Duplicate samples will be collected to assess the reproducibility of field sampling methods and the repeatability of laboratory analysis. One duplicate sample will be collected for every 10 samples collected during each groundwater monitoring event. The duplicates will be analyzed for the same parameters as the groundwater samples.

5.1.2 Equipment Rinsate Samples

Equipment rinsate samples will be collected on the sampling equipment to assess the effectiveness of equipment decontamination procedures and to evaluate the potential for cross-contamination between sample locations. One equipment rinsate blank sample will be collected per day during each groundwater monitoring event. The rinsate blank will be analyzed for the same parameters as the groundwater samples. Laboratory-grade deionized water provided by the analytical laboratory will be used for sample blanks.

5.1.3 Trip Blanks

The trip blank consists of a VOC sample vial filled in the laboratory with laboratory-grade deionized water, transported to the sampling property, handled like an environmental sample, and returned to the laboratory for analysis. Trip blanks are not opened in the field. Trip blanks are prepared only when VOC samples are taken and are analyzed only for VOCs. Trip blanks are used to assess the potential introduction of contaminants from sample containers or during the transportation and storage procedures. One trip blank will be collected per sample cooler used during each monitoring event to evaluate the potential for contaminant introduction during shipping.

5.2 Field Documentation

The groundwater sampling technician will maintain appropriate field documentation. Documentation requirements, as well as procedures for correcting documentation, are briefly summarized as follows.

5.2.1 Well-Monitoring Field Forms

Water quality parameters will be recorded on well monitoring field forms, along with the primary and/or duplicate sample identification name/number, date and time sampled, name of sample collector, well designation, well diameter, purging and sampling methods, total well depth, depth to groundwater, depth from which sample was obtained, results of instrument calibration, volume of water removed from each well, sample matrix, analysis requested, sample container preservative, and project name and number.

5.2.2 Wellhead Protection

The condition of each well and well vault will be documented on a wellhead inspection form for each sampling event. The inspection form will include comments on the following elements:

- Well aboveground or flush-mount completion
- Visibility of well or well vault
- Well identification tag present or not present
- Physical damage to well, well vault, and cover
- Cover to well vault secured properly with bolts
- Well pad condition (for example, cracked or broken)
- Concrete or steel bollards present or not present
- Functioning lock present or not present
- Watertight cap present or not present
- Well vault condition (dry or free of debris)
- Measured depth of well
- Corrective actions completed in field
- Recommended corrective actions

5.2.3 Corrections to Documentation

All original data in field sampling forms and chain-of-custody records will be recorded using waterproof ink. None of these documents are to be destroyed or thrown away, even if they are illegible or contain inaccuracies.

If an error is made on a document assigned to one individual, the individual will make corrections by lining through the error and entering the correct information. The erroneous information is *not* to be obliterated. Any subsequent error discovered on an accountable document will be corrected by the person who made the entry, if possible. All subsequent corrections will be initialed and dated.

5.3 Data Quality

Data quality is assessed by representativeness, comparability, accuracy, precision, and completeness. Definitions of these terms, the applicable procedures, and level of effort are described below. The applicable QC procedure, quantitative target limits, and level of effort for assessing data quality are dictated by the intended use of the data and the nature of the analytical methods. The following is a description of the data quality assessment criteria.

Representativeness is a measure of how closely the results reflect the actual concentration or distribution of the analytes in the matrix samples. Sampling plan design, sampling techniques, and sample handling protocols (e.g., for storage, preservation, and transportation) have been developed and are discussed in Section 4. The proposed documentation will establish that protocols have been followed and sample

identification and integrity assured. Equipment rinsate blanks and field duplicate samples will be used to assess field and transport contamination and method variation. To assess laboratory contamination, laboratory method blanks will be run at a minimum frequency of 5 percent of the samples.

Comparability expresses the confidence with which one dataset can be compared to another. Data comparability will be maintained using standard procedures where available and the use of consistent methods and consistent units. Actual detection limits will depend on the sample matrix and will be reported as defined for the specific samples.

Accuracy is an assessment of the closeness of the measured value to the true value. For samples, accuracy of analytical test results is assessed by spiking samples with known standards and establishing the average recovery. For a matrix spike, known amounts of a standard compound identical to the compounds being measured are added to the sample. Target accuracy goals for the analytical methods proposed, expressed as percent recovery of spiked sample, are 75 to 125 percent. Percent recoveries outside these goals will be qualified as appropriate.

Precision of the data is a measure of the data spread when more than one measurement has been taken on the same sample. Precision can be expressed as the relative percent difference. The target precision goal for the analytical methods proposed, expressed as relative percent difference between duplicate samples, is ± 25 percent. A relative percent difference outside this goal will be qualified as appropriate.

6. Reporting

Groundwater monitoring and sampling results for the second and fourth quarters will be presented in semiannual monitoring reports submitted to the RWQCB. Consistent with the current agreement, Kinder Morgan will prepare and submit the first half of the year report for period January 1 to June 30 and DLA Energy will prepare and submit the second half of the year report for period July 1 to December 31. Prior to submitting each report to the RWQCB, Kinder Morgan and DLA Energy will review each other's reports. The first half of the year report will be due on July 31 and the second half of the year report will be due on January 30. The report prepared by Kinder Morgan will include the following information:

- Descriptions of field and laboratory methods.
- Tables of current and historical groundwater level data and analytical results.
- Groundwater contour maps and interpreted direction of groundwater flow for the uppermost groundwater zone and Exposition aquifer.
- Figures of the site base map showing the estimated extent of LNAPL and dissolved-phase plumes based on the current sampling round analytical results (e.g., TPH, benzene, MTBE, TBA, and 1,2-DCA).
- Brief discussion of groundwater elevations, gradients, and water quality analytical results, and a comparison to the previous semiannual event.
- Time-series charts for select monitoring wells presented as an appendix.
- Field sampling forms, laboratory analytical reports, and chain-of-custody documentation submitted as appendices to the report.

Reports will be prepared under the supervision of a California Registered Geologist or Professional Engineer and will be submitted to the RWQCB.

7. References

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- Jacobs Engineering Group Inc. (Jacobs). 2022a. *Interim Remedial Action Plan (IRAP) – Implementing an NSZD Remedy*. January 31.
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- Regional Water Quality Control Board, Los Angeles Region (RWQCB). 2012. *Requirement to Provide Groundwater Monitoring Program Evaluation Report, Defense Fuel Support Point, 15306 Norwalk Boulevard, Norwalk, California (SCP No. 0286B, Site No. 204DM00)*. November 7.
- Regional Water Quality Control Board, Los Angeles Region (RWQCB). 2013a. *Review of Revised Groundwater Evaluation Report, Defense Fuel Support Point, 15306 Norwalk Boulevard, Norwalk, California (SCP No. 0286B, Site No. 204DM00)*. March 19.
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- California Regional Water Quality Control Board, Los Angeles Region (Regional Board). 2022. Letter to Mr. Court Reece, Kinder Morgan Energy Partners, Houston; *Conditional Approval of Interim Remedial Action Plan for the Defense Fuel Support Point Norwalk, 15306 Norwalk Boulevard, Norwalk (SCP No. 0286B Site No. 204DM00)*. October 4.
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Tables



Table 1A. Norwalk Groundwater SAP Optimization Well List (Sorted by Criteria)
 SFPP Norwalk Pump Station, Norwalk, California

		Revised SAP Gauging and Sampling Program 2023									Most Recent TPH-g Concentration (µg/L)						
		Total Annual Samples	118	158	158	188	17.5	9	25	16							
		Total Locations	59	79	70	94	35	9	25	8							
Location	Note	Last Sampling Date	2013 SAP Sampling Frequency	2013 SAP Gauging Frequency	Current Sampling Program	Gauging Frequency	Sample Biannually	Sample Annually (Close to Biannual Transition)	Sample Annually	Sample Semiannually (Contingency Wells)	Currently ND for Benzene/MTBE/TPH-d/TPH-g	Below Benzene/MTBE/TPH-d/TPH-g ESL	At Least One COPC ESL Exceedance, All Trends Decreasing	Needs Further Evaluation	At Least One COPC ESL Exceedance not Decreasing	Not Sampled Recently, at Least One COPC ESL Exceedance not Decreasing	Recent NAPL
GMW-23		8/1/2021	Not Sampled	Semiannual	Not Sampled	Semiannual			X*								19000
GMW-29		8/1/2021	Not Sampled	Semiannual	Not Sampled	Semiannual			X*								2200
GMW-30		11/1/2020	Not Sampled	Semiannual	Not Sampled	Semiannual			X*								ND
GMW-O-12		8/1/2021	Semiannual	Semiannual	Not Sampled	Semiannual			X*								5300
GMW-O-14		8/1/2022	Semiannual	Semiannual	Quarterly	Semiannual	X				ND						No LNAPL
EXP-1		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
EXP-3		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
EXP-4		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
EXP-5		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-1		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-14R		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
GMW-26		5/1/2022	Not Sampled	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-37	Recently Abandoned	5/1/2022	Semiannual	Semiannual	Semiannually	Abandoned					ND						No LNAPL
GMW-38	Recently Abandoned	5/1/2022	Semiannual	Semiannual	Semiannually	Abandoned					ND						No LNAPL
GMW-39	Recently Abandoned	5/1/2022	Semiannual	Semiannual	Semiannually	Abandoned					ND						No LNAPL
GMW-9		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-1		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-10		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-16		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-19		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-2		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-3		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-4		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-5		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-9		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-SF-7	Recently Abandoned	5/1/2022	Semiannual	Semiannual	Semiannually	Abandoned					ND						No LNAPL
GMW-SF-8		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GWR-1R		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
HL-2		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
MW-19 (MID)		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
MW-7		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
MW-8		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
PW-3		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-5		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-12		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-13		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-14		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-2		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-3		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-4		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-6		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-8		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
MW-20 (MID)		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-28		8/1/2022	Not Sampled	Semiannual	Quarterly	Semiannual				SCONSITE	ND						No LNAPL
GMW-O-21		8/1/2022	Not Sampled	Supplemental Gauging	Quarterly	Semiannual		X				ND					No LNAPL
GMW-O-24		8/1/2022	Semiannual	Semiannual	Quarterly	Semiannual				SE		ND					No LNAPL
GMW-13		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual		X				ND					No LNAPL
GMW-O-17		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual				SE		ND					No LNAPL
HL-3		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual		X				ND					No LNAPL
MW-9		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual		X				ND					No LNAPL
MW-12		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual		X				ND					No LNAPL
MW-6		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual		X				ND					No LNAPL
WCW-7	Well Obstructed	5/1/2021	Semiannual	Semiannual	Not Sampled	Semiannual		X				ND					No LNAPL
GW-15(6")		5/1/2021	Semiannual	Semiannual	Semiannually	Semiannual				SCONSITE		ND					No LNAPL
GMW-O-20		8/1/2022	Not Sampled	Supplemental Gauging	Quarterly	Semiannual		X					ND				No LNAPL
GMW-O-23	Recently Abandoned (Adjacent to GMW-O-11)	5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Abandoned							ND				No LNAPL
MW-SF-15		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual		X					ND				No LNAPL
MW-SF-4		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual				SCONSITE			ND				No LNAPL
GMW-36		8/1/2022	Semiannual	Semiannual	Quarterly	Semiannual				SE			ND				No LNAPL
GMW-O-11		8/1/2022	Not Sampled	Supplemental Gauging	Quarterly	Semiannual			X				ND				No LNAPL
EXP-2		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X				ND				No LNAPL
GMW-25		5/1/2022	Not Sampled	Semiannual	Semiannually	Semiannual				SCONSITE			ND				No LNAPL

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Location	Note	Last Sampling Date	2013 SAP Sampling Frequency	2013 SAP Gauging Frequency	Current Sampling Program	Gauging Frequency	Sample Biannually	Sample Annually (Close to Biannual Transition)	Sample Annually	Sample Semiannually (Contingency Wells)	Currently ND for Benzene/MTBE/TPH-d/TPH-g	Below Benzene/MTBE/TPH-d/TPH-g ESL	At Least One COPC ESL Exceedance, All Trends Decreasing	Needs Further Evaluation	At Least One COPC ESL Exceedance not Decreasing	Not Sampled Recently, at Least One COPC ESL Exceedance not Decreasing	Recent NAPL
GMW-4R		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual			X					ND			No LNAPL
MW-15R		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual			X					ND			No LNAPL
MW-18 (MID)		5/1/2022	Not Sampled	Semiannual	Semiannually	Semiannual			X					ND			No LNAPL
MW-21 (MID)		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X					ND			No LNAPL
PZ-2		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X					ND			No LNAPL
PZ-5		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X					220			No LNAPL
GMW-8		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X					ND			No LNAPL
GMW-O-15		11/1/2020	Semiannual	Semiannual	Not Sampled	Semiannual			X						ND		No LNAPL
GMW-10		8/1/2022	Semiannual	Semiannual	Quarterly	Semiannual			X						ND		No LNAPL
MW-O-2		8/1/2022	Semiannual	Semiannual	Quarterly	Semiannual			X						2000		No LNAPL
GMW-O-18		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X						1600		No LNAPL
MW-SF-1		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual				SCONSITE					ND		No LNAPL
MW-SF-13		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual			X						ND		No LNAPL
MW-SF-6		5/1/2022	Not Sampled	Semiannual	Semiannually	Semiannual			X						ND		No LNAPL
MW-O-1	Recently Abandoned	2/1/2021	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned										ND	No LNAPL
GMW-22		10/1/2012	Not Sampled	Semiannual	Not Sampled	Semiannual			X							32000	No LNAPL
GMW-24		10/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual			X							58000	No LNAPL
MW-SF-2		10/1/2011	Not Sampled	Semiannual	Not Sampled	Semiannual			X							72000	No LNAPL
MW-SF-11		10/1/2012	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual			X							77000	No LNAPL
MW-SF-12		10/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual			X							120000	No LNAPL
MW-SF-3		11/1/2015	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual			X							280000	No LNAPL
BW-1		5/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
BW-2		5/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GB-21		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GB-22		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GB-23		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GMW-2		5/1/2010	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GMW-27		10/1/2014	Semiannual	Semiannual	Not Sampled	Supplemental Gauging					ND						No LNAPL
GMW-3		10/1/2015	Semiannual	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
GMW-O-4 (MID)		10/1/2012	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GMW-O-6		4/1/2012	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
GMW-O-7		5/1/1999	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
GMW-O-8		10/1/2012	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
GMW-SF-10	Recently Abandoned	10/1/2012	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned					ND						No LNAPL
GMW-SF-9	Recently Abandoned	10/1/2012	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned					ND						No LNAPL
HL-1		4/1/1994	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
PQ-7		11/1/2005	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
PW-1		11/1/2019	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
PW-2		4/1/2008	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
PZ-6		7/1/2004	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
PZ-8A	Recently Abandoned	12/1/2006	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned					ND						No LNAPL
PZ-8B	Recently Abandoned	12/1/2006	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned					ND						No LNAPL
PZ-9A	Recently Abandoned	8/1/2005	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned					ND						No LNAPL
WCW-1		4/1/2012	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
WCW-10		4/1/2002	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
HP-1		8/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
HP-2		8/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL

Table 1A. Norwalk Groundwater SAP Optimization Well List (Sorted by Criteria)
 SFPP Norwalk Pump Station, Norwalk, California

		Revised SAP Gauging and Sampling Program 2023								Most Recent TPH-g Concentration (µg/L)							
		Total Annual Samples	118	158	158	188	17.5	9	25	16							
		Total Locations	59	79	70	94	35	9	25	8							
Location	Note	Last Sampling Date	2013 SAP Sampling Frequency	2013 SAP Gauging Frequency	Current Sampling Program	Gauging Frequency	Sample Biannually	Sample Annually (Close to Biannual Transition)	Sample Annually	Sample Semiannually (Contingency Wells)	Currently ND for Benzene/MTBE/TPH-d/TPH-g	Below Benzene/MTBE/TPH-d/TPH-g ESL	At Least One COPC ESL Exceedance, All Trends Decreasing	Needs Further Evaluation	At Least One COPC ESL Exceedance not Decreasing	Not Sampled Recently, at Least One COPC ESL Exceedance not Decreasing	Recent NAPL
HP-3		8/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
HP-6		8/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GB-21		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GB-22		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GB-23		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
WCW-11		4/1/2002	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
WCW-9		5/1/1999	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
GMW-14	Replaced by GMW-14R	10/1/2014	Semiannual	Semiannual	Not Sampled	Abandoned						ND					No LNAPL
PZ-9B	Recently Abandoned	8/1/2005	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned							ND				No LNAPL
HP-8		8/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging										ND	No LNAPL
BW-3		5/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging										ND	No LNAPL
GWR-1		10/1/2014	Semiannual	Semiannual	Not Sampled	Supplemental Gauging										ND	No LNAPL
GWR-3		10/1/2011	Not Sampled	Semiannual	Not Sampled	Semiannual										ND	No LNAPL
PZ-10		4/1/2016	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual										ND	No LNAPL
PZ-7B	Recently Abandoned	8/1/2005	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned										90	No LNAPL
PZ-7A	Recently Abandoned	8/1/2005	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned										240	No LNAPL
MW-SF-5	Recently Dry (MW-SF-13 Adjacent)	10/1/2015	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual										270	No LNAPL
MW-SF-14	Recently Dry (MW-SF-15 Adjacent)	4/1/2016	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual										370	No LNAPL
MW-15	Replaced by MW-15R	10/1/2014	Semiannual	Semiannual	Not Sampled	Supplemental Gauging										590	No LNAPL
BW-4	Remediation well MW-15 (MID) used for groundwater	5/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging										960	No LNAPL
GMW-4	Replaced by GMW-4R	10/1/2013	Semiannual	Semiannual	Not Sampled	Supplemental Gauging										1800	No LNAPL
MW-SF-9	Recently Dry (MW-SF-4 Adjacent)	4/1/2016	Semiannual	Semiannual	Not Sampled	Semiannual										2300	No LNAPL
MW-SF-16	Recently Dry (MW-SF-4 Adjacent)	10/1/2015	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual										3000	No LNAPL
MW-SF-10	Recently Dry (MW-SF-4 Adjacent)	10/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual										18000	No LNAPL
VEW-1	Dry (MW-SF-1 Adjacent)	Not Sampled	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual											No LNAPL
VEW-2	Dry (MW-SF-2 Adjacent)	Not Sampled	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual											No LNAPL

Notes:
 Quarterly = Only relevant to Kinder Morgan, Inc.
 X* = opportunistically sample or when NAPL is not present
 Decreasing trends are based on statistical decreases as illustrated in the statistics summary in Appendix C.
 Supplemental gauging data are not included in totals.
 µg/L = microgram(s) per liter
 COPC = contaminant of potential concern
 ESL = RWQCB Generic Tier 1 Environmental Screening Level Criteria
 LNAPL = light nonaqueous phase liquid
 MTBE = methyl tertiary butyl ether
 NAPL = light nonaqueous phase liquid
 ND = Nondetect
 SAP = sampling and analysis plan
 SCONSITe = Southcentral Onsite Well
 SE = Southeast Area Well
 TPH-d = total petroleum hydrocarbons quantified as diesel fuel
 TPH-g = total petroleum hydrocarbons quantified as gasoline

Table 1B. Norwalk Groundwater SAP Optimization Well List (Sorted Alphabetically by Location)
 SFPP Norwalk Pump Station, Norwalk, California

		Revised SAP Gauging and Sampling Program 2023									Most Recent TPH-g Concentration (µg/L)						
		Total Annual Samples	118	158	158	188	17.5	9	25	16							
		Total Locations	59	79	70	94	35	9	25	8							
Location	Note	Last Sampling Date	2013 SAP Sampling Frequency	2013 SAP Gauging Frequency	Current Sampling Program	Gauging Frequency	Sample Biannually	Sample Annually (Close to Biannual Transition)	Sample Annually	Sample Semiannually (Contingency Wells)	Currently ND for Benzene/MTBE/TPH-d/TPH-g	Below Benzene/MTBE/TPH-d/TPH-g ESL	At Least One COPC ESL Exceedance, All Trends Decreasing	Needs Further Evaluation	At Least One COPC ESL Exceedance Not Decreasing	Not Sampled Recently, at Least One COPC ESL Exceedance Not Decreasing	Recent NAPL
BW-1		5/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
BW-2		5/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
BW-3		5/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging										ND	No LNAPL
BW-4	Remediation well MW-15 (MID) used for groundwater	5/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging										960	No LNAPL
EXP-1		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
EXP-2		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X					ND			No LNAPL
EXP-3		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
EXP-4		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
EXP-5		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GB-21		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GB-21		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GB-22		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GB-22		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GB-23		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GB-23		1/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GMW-1		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-10		8/1/2022	Semiannual	Semiannual	Quarterly	Semiannual			X						ND		No LNAPL
GMW-13		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual		X									No LNAPL
GMW-14	Replaced by GMW-14R	10/1/2014	Semiannual	Semiannual	Not Sampled	Abandoned						ND					No LNAPL
GMW-14R		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
GMW-2		5/1/2010	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GMW-22		10/1/2012	Not Sampled	Semiannual	Not Sampled	Semiannual			X							32000	No LNAPL
GMW-23		8/1/2021	Not Sampled	Semiannual	Not Sampled	Semiannual			X*								19000
GMW-24		10/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual			X							58000	No LNAPL
GMW-25		5/1/2022	Not Sampled	Semiannual	Semiannually	Semiannual				SCONSITE				ND			No LNAPL
GMW-26		5/1/2022	Not Sampled	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-27		10/1/2014	Semiannual	Semiannual	Not Sampled	Supplemental Gauging					ND						No LNAPL
GMW-28		8/1/2022	Not Sampled	Semiannual	Quarterly	Semiannual				SCONSITE	ND						No LNAPL
GMW-29		8/1/2021	Not Sampled	Semiannual	Not Sampled	Semiannual			X*								2200
GMW-3		10/1/2015	Semiannual	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
GMW-30		11/1/2020	Not Sampled	Semiannual	Not Sampled	Semiannual			X*								ND
GMW-36		8/1/2022	Semiannual	Semiannual	Quarterly	Semiannual				SE				ND			No LNAPL
GMW-37	Recently Abandoned	5/1/2022	Semiannual	Semiannual	Semiannually	Abandoned					ND						No LNAPL
GMW-38	Recently Abandoned	5/1/2022	Semiannual	Semiannual	Semiannually	Abandoned					ND						No LNAPL
GMW-39	Recently Abandoned	5/1/2022	Semiannual	Semiannual	Semiannually	Abandoned					ND						No LNAPL
GMW-4	Replaced by GMW-4R	10/1/2013	Semiannual	Semiannual	Not Sampled	Supplemental Gauging										1800	No LNAPL
GMW-4R		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual			X					ND			No LNAPL
GMW-8		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X					ND			No LNAPL
GMW-9		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-1		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-10		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-11		8/1/2022	Not Sampled	Supplemental Gauging	Quarterly	Semiannual			X					ND			No LNAPL
GMW-O-12		8/1/2021	Semiannual	Semiannual	Not Sampled	Semiannual			X*								5300
GMW-O-14		8/1/2022	Semiannual	Semiannual	Quarterly	Semiannual	X				ND						No LNAPL
GMW-O-15		11/1/2020	Semiannual	Semiannual	Not Sampled	Semiannual			X						ND		No LNAPL
GMW-O-16		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-17		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual				SE		ND					No LNAPL
GMW-O-18		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X							1600	No LNAPL
GMW-O-19		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-2		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-20		8/1/2022	Not Sampled	Supplemental Gauging	Quarterly	Semiannual		X						ND			No LNAPL
GMW-O-21		8/1/2022	Not Sampled	Supplemental Gauging	Quarterly	Semiannual		X				ND					No LNAPL

Table 1B. Norwalk Groundwater SAP Optimization Well List (Sorted Alphabetically by Location)
 SFPP Norwalk Pump Station, Norwalk, California

		Revised SAP Gauging and Sampling Program 2023									Most Recent TPH-g Concentration (µg/L)						
		Total Annual Samples	118	158	158	188	17.5	9	25	16							
		Total Locations	59	79	70	94	35	9	25	8							
Location	Note	Last Sampling Date	2013 SAP Sampling Frequency	2013 SAP Gauging Frequency	Current Sampling Program	Gauging Frequency	Sample Biannually	Sample Annually (Close to Biannual Transition)	Sample Annually	Sample Semiannually (Contingency Wells)	Currently ND for Benzene/MTBE/TPH-d/TPH-g	Below Benzene/MTBE/TPH-d/TPH-g ESL	At Least One COPC ESL Exceedance, All Trends Decreasing	Needs Further Evaluation	At Least One COPC ESL Exceedance Not Decreasing	Not Sampled Recently, at Least One COPC ESL Exceedance Not Decreasing	Recent NAPL
GMW-O-23	Recently Abandoned (Adjacent to GMW-O-11)	5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Abandoned											No LNAPL
GMW-O-24		8/1/2022	Semiannual	Semiannual	Quarterly	Semiannual				SE		ND					No LNAPL
GMW-O-3		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-4		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-4 (MID)		10/1/2012	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
GMW-O-5		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-O-6		4/1/2012	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
GMW-O-7		5/1/1999	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
GMW-O-8		10/1/2012	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
GMW-O-9		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-SF-10	Recently Abandoned	10/1/2012	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned					ND						No LNAPL
GMW-SF-7	Recently Abandoned	5/1/2022	Semiannual	Semiannual	Semiannually	Abandoned					ND						No LNAPL
GMW-SF-8		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
GMW-SF-9	Recently Abandoned	10/1/2012	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned					ND						No LNAPL
GW-15(6)		5/1/2021	Semiannual	Semiannual	Semiannually	Semiannual				SCONSITE		ND					No LNAPL
GWR-1		10/1/2014	Semiannual	Semiannual	Not Sampled	Supplemental Gauging										ND	No LNAPL
GWR-1R		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual	X				ND						No LNAPL
GWR-3		10/1/2011	Not Sampled	Semiannual	Not Sampled	Semiannual										ND	No LNAPL
HL-1		4/1/1994	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
HL-2		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
HL-3		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual		X				ND					No LNAPL
HP-1		8/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
HP-2		8/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
HP-3		8/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
HP-6		8/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
HP-8		8/1/1997	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging										ND	No LNAPL
MW-12		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual		X				ND					No LNAPL
MW-15	Replaced by MW-15R	10/1/2014	Semiannual	Supplemental Gauging	Not Sampled	Supplemental Gauging										590	No LNAPL
MW-15R		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual			X					ND			No LNAPL
MW-18 (MID)		5/1/2022	Not Sampled	Semiannual	Semiannually	Semiannual			X					ND			No LNAPL
MW-19 (MID)		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
MW-20 (MID)		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
MW-21 (MID)		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X				ND				No LNAPL
MW-6		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual		X				ND					No LNAPL
MW-7		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
MW-8		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
MW-9		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual		X				ND					No LNAPL
MW-O-1	Recently Abandoned	2/1/2021	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned										ND	No LNAPL
MW-O-2		8/1/2022	Semiannual	Semiannual	Quarterly	Semiannual			X						2000		No LNAPL
MW-SF-1		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual				SCONSITE					ND		No LNAPL
MW-SF-10	Recently Dry (MW-SF-4 Adjacent)	10/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual										18000	No LNAPL
MW-SF-11		10/1/2012	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual			X							77000	No LNAPL
MW-SF-12		10/1/2011	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual			X							120000	No LNAPL
MW-SF-13		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual			X						ND		No LNAPL
MW-SF-14	Recently Dry (MW-SF-15 Adjacent)	4/1/2016	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual										370	No LNAPL
MW-SF-15		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual		X					ND				No LNAPL
MW-SF-16	Recently Dry (MW-SF-4 Adjacent)	10/1/2015	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual										3000	No LNAPL
MW-SF-2		10/1/2011	Not Sampled	Semiannual	Not Sampled	Semiannual			X							72000	No LNAPL
MW-SF-3		11/1/2015	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual			X							280000	No LNAPL
MW-SF-4		5/1/2022	Not Sampled	Supplemental Gauging	Semiannually	Semiannual				SCONSITE				ND			No LNAPL

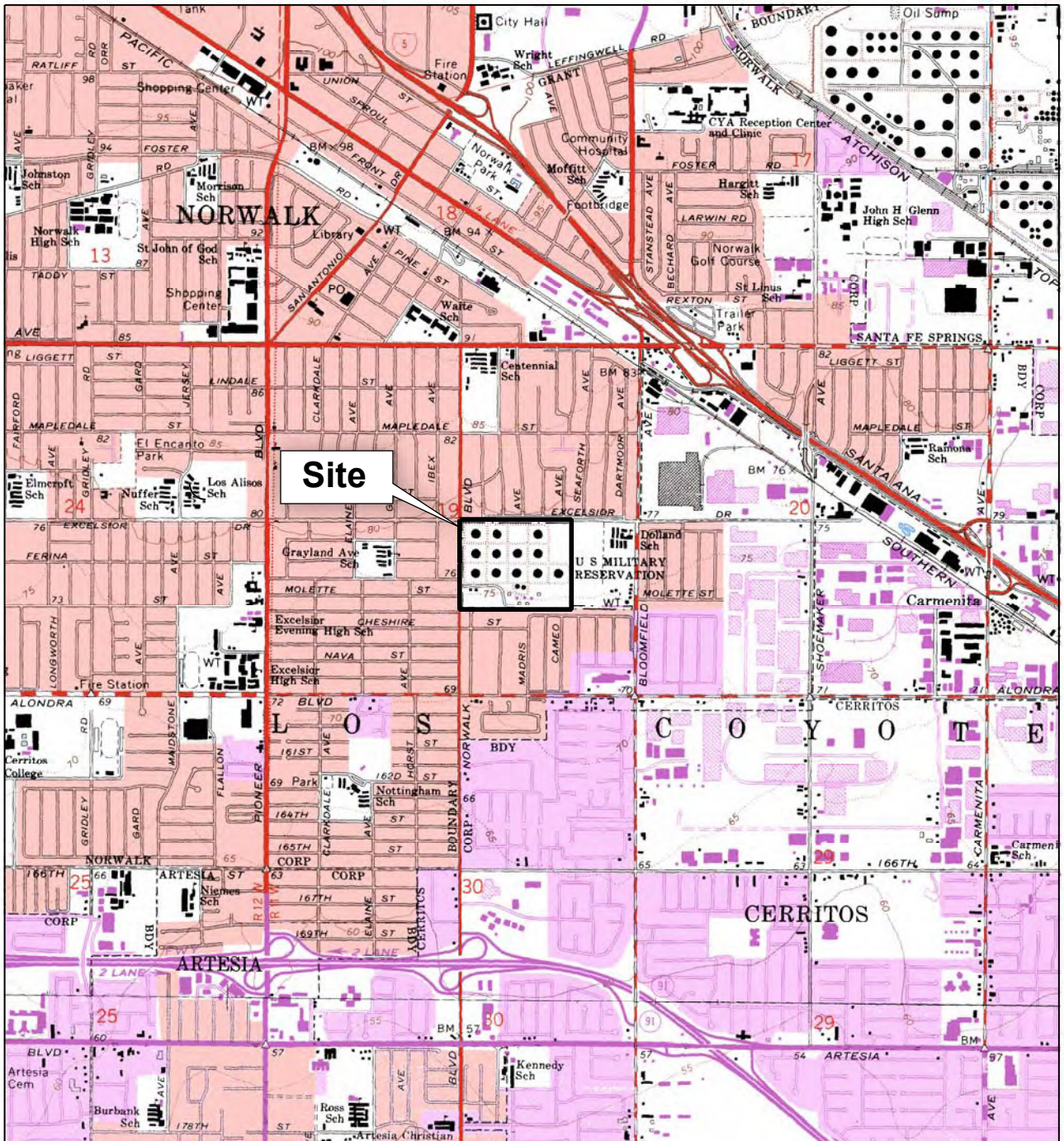
Table 1B. Norwalk Groundwater SAP Optimization Well List (Sorted Alphabetically by Location)
 SFPP Norwalk Pump Station, Norwalk, California

		Revised SAP Gauging and Sampling Program 2023								Most Recent TPH-g Concentration (µg/L)							
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		Total Locations	59	79	70	94	35	9	25	8							
Location	Note	Last Sampling Date	2013 SAP Sampling Frequency	2013 SAP Gauging Frequency	Current Sampling Program	Gauging Frequency	Sample Biannually	Sample Annually (Close to Biannual Transition)	Sample Annually	Sample Semiannually (Contingency Wells)	Currently ND for Benzene/MTBE/TPH-d/TPH-g	Below Benzene/MTBE/TPH-d/TPH-g ESL	At Least One COPC ESL Exceedance, All Trends Decreasing	Needs Further Evaluation	At Least One COPC ESL Exceedance Not Decreasing	Not Sampled Recently, at Least One COPC ESL Exceedance Not Decreasing	Recent NAPL
MW-SF-5	Recently Dry (MW-SF-13 Adjacent)	10/1/2015	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual										270	No LNAPL
MW-SF-6		5/1/2022	Not Sampled	Semiannual	Semiannually	Semiannual			X						ND		No LNAPL
MW-SF-9	Recently Dry (MW-SF-4 Adjacent)	4/1/2016	Semiannual	Semiannual	Not Sampled	Semiannual										2300	No LNAPL
PO-7		11/1/2005	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
PW-1		11/1/2019	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
PW-2		4/1/2008	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
PW-3		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
PZ-10		4/1/2016	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual										ND	No LNAPL
PZ-2		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X					ND			No LNAPL
PZ-5		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual			X					220			No LNAPL
PZ-6		7/1/2004	Not Sampled	Supplemental Gauging	Not Sampled	Supplemental Gauging					ND						No LNAPL
PZ-7A	Recently Abandoned	8/1/2005	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned										240	No LNAPL
PZ-7B	Recently Abandoned	8/1/2005	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned										90	No LNAPL
PZ-8A	Recently Abandoned	12/1/2006	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned					ND						No LNAPL
PZ-8B	Recently Abandoned	12/1/2006	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned					ND						No LNAPL
PZ-9A	Recently Abandoned	8/1/2005	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned					ND						No LNAPL
PZ-9B	Recently Abandoned	8/1/2005	Not Sampled	Supplemental Gauging	Not Sampled	Abandoned								ND			No LNAPL
VEW-1	Dry (MW-SF-1 Adjacent)	Not Sampled	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual											No LNAPL
VEW-2	Dry (MW-SF-2 Adjacent)	Not Sampled	Not Sampled	Supplemental Gauging	Not Sampled	Semiannual											No LNAPL
WCW-1		4/1/2012	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
WCW-10		4/1/2002	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
WCW-11		4/1/2002	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL
WCW-12		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-13		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-14		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-2		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-3		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-4		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-5		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-6		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-7	Well Obstructed	5/1/2021	Semiannual	Semiannual	Not Sampled	Semiannual		X				ND					No LNAPL
WCW-8		5/1/2022	Semiannual	Semiannual	Semiannually	Semiannual	X				ND						No LNAPL
WCW-9		5/1/1999	Not Sampled	Semiannual	Not Sampled	Semiannual					ND						No LNAPL

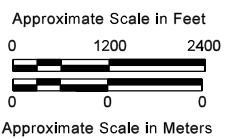
Notes:
 Quarterly = Only relevant to Kinder Morgan, Inc.
 X* = opportunistically sample or when NAPL is not present
 Decreasing trends are based on statistical decreases as illustrated in the statistics summary in Appendix C.
 Supplemental gauging data are not included in totals.
 µg/L = microgram(s) per liter
 COPC = contaminant of potential concern
 ESL = RWQCB Generic Tier 1 Environmental Screening Level Criteria
 LNAPL = light nonaqueous phase liquid
 MTBE = methyl tertiary butyl ether
 NAPL = light nonaqueous phase liquid
 ND = Nondetect
 SAP = sampling and analysis plan
 SCONSITE = Southcentral Onsite Well
 SE = Southeast Area Well
 TPH-d = total petroleum hydrocarbons quantified as diesel fuel
 TPH-g = total petroleum hydrocarbons quantified as gasoline

Figures





Site



SITE LOCATION MAP

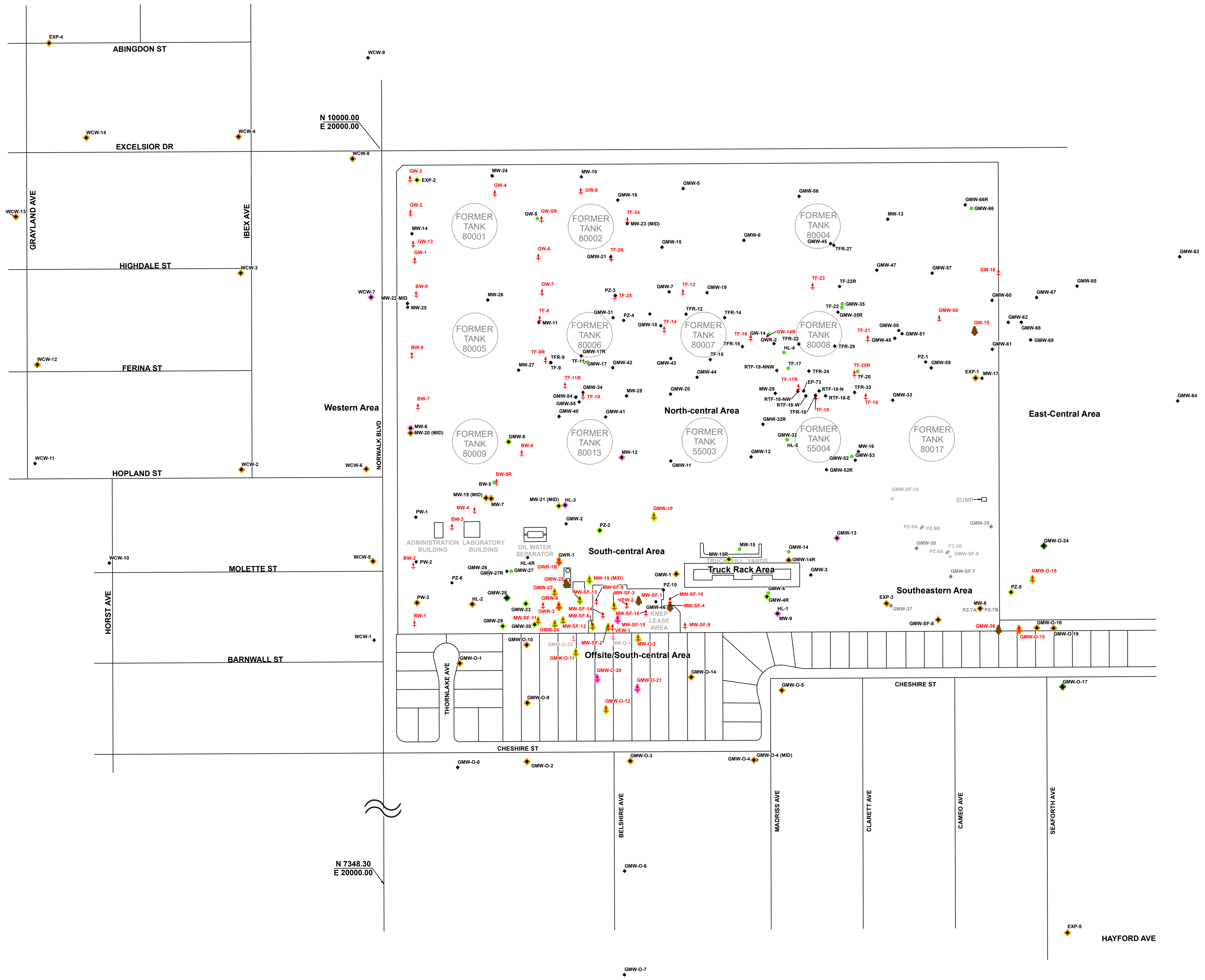
SFPP Norwalk Pump Station
Norwalk, California

By: Andy Vollmar Date: March 2023 Project No: 407609

Jacobs

Figure 1

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.



N 10000.00
E 20000.00

Western Area

North-central Area

South-central Area

Southeastern Area

Offsite/South-central Area

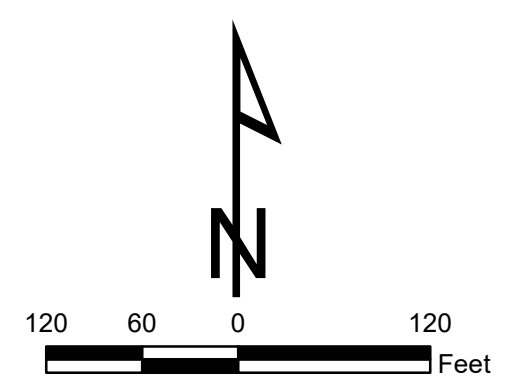
N 7348.30
E 20000.00

Explanation

- GMW-5 ● Groundwater monitoring well
- PZ-7A ● Groundwater monitoring well (abandoned)
- VEW-1 † Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- MW-O-1 † Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation (abandoned)
- Sample every other year
- Sample annually, close to biannual transition
- Continue annual sampling
- Sentinel wells sample semiannual

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.



GROUNDWATER SAMPLING PLAN SUMMARY
DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

By: Ann Espejo Date: 3/2023 Project No: KMNW1H23

Jacobs Figure 2

\\C:\15051\GSP\PROJ\0002\DEFENSE FUEL SUPPORT POINT NORWALK\DWG\FILES\022\2023\03\Figure_2_GW_Sampling_Plan_Summary.mxd PLS/PLD 3/28/2023 9:14:23 AM

Appendix A

Historical Analytical Data

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
BW-1	05/24/97	<100	---	<50	---	---	<0.30	<0.50	<0.30	<0.60	100	<5	---	---	---	---
BW-2	05/24/97	<100	---	<50	---	---	<0.30	<0.50	<0.30	1.4	85	<5	---	---	---	---
BW-3	05/24/97	<100	---	300	---	---	<0.30	<0.50	<0.30	<0.60	490	74	---	---	---	---
BW-4	05/28/97	960	---	560	---	---	160	2.4	200	9.2	20	850	---	---	---	---
BW-5	05/28/97	150	---	310	---	---	<0.30	<0.30	5	<0.60	30	1100	---	---	---	---
BW-6	05/29/97	<100	---	690	---	---	3.5	<0.30	3.7	3.7	14	<5	---	---	---	---
BW-7	05/29/97	200	---	510	---	---	0.99	<0.30	<0.30	<0.30	310	9.2	---	---	---	---
BW-8	05/29/97	<100	---	450	---	---	<0.30	<0.30	<0.30	<0.30	39	<5	---	---	---	---
BW-9	05/30/97	<100	---	230	---	---	<0.30	<0.30	<0.30	<0.60	1.4	<5	---	---	---	---
EXP-1	11/27/96	82	---	<500	<500	---	1.4	<0.50	<0.50	2.7	<0.50	<1	---	---	---	---
EXP-1	03/14/97	<100	---	---	---	---	<2	<2	<2	<2	---	---	---	---	---	---
EXP-1	03/14/97	<50	---	<47	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-1	03/14/97	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-1	07/10/97	<50	---	290	<200	---	<5	<5	<5	<5	<5	<5	---	---	---	---
EXP-1	01/09/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-1	05/20/98	<300	---	---	---	---	0.5	0.9	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-1	11/04/98	<300	175	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/26/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-1	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-1	10/12/99	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-1	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	12/21/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	01/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	03/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	06/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/29/00	<300	<100	---	---	---	0.5	<0.50	<0.50	0.7	<0.50	<0.50	---	---	---	---
EXP-1	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.98	---	---	---	---
EXP-1	09/06/02	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<0.30	<0.50	<5	---	---	---	---
EXP-1	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-1	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/08/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	01/29/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/21/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	07/21/04	200	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
EXP-1	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/03/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	09/19/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	12/05/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	05/02/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/29/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	11/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/20/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	04/16/08	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	08/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	10/15/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-1	02/24/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-1	04/20/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/20/09	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/19/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/19/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/11/10	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/12/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.44 J	<10	<2	<2	<2
EXP-1	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	0.45 J	<10	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-1	01/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/10/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/11/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	07/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/11/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/10/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/09/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/16/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	07/09/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/09/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/15/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/15/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/14/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/08/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/08/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/07/13	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/14/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
EXP-1	10/28/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-1	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
EXP-1	04/23/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-1	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
EXP-1	10/21/15	<100	---	<100	---	---	0.73	<0.50	<0.50	<1	<0.50	2.2	<10	<2	<2	<2
EXP-1	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<1	<1	<1
EXP-1	04/13/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
EXP-1	10/07/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
EXP-1	10/07/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
EXP-1	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.81	<10	<1	<1	<1
EXP-1	04/20/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	10/04/17	<50	---	220 C	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/17	<100	---	260	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	10/25/17	---	---	230	---	---	---	---	---	---	---	---	---	---	---	---
EXP-1	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/17/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	11/06/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	11/06/18	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/18/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-1	10/29/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-1	10/30/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	05/05/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	05/07/20	<50	---	64	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	10/22/20	<100	---	200	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	05/06/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	05/06/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	11/02/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	05/10/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	11/27/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<0.10	<0.50	<1	---	---	---	---
EXP-2	03/14/97	<100	---	---	---	---	<2	<2	<2	<2	---	---	---	---	---	---
EXP-2	03/14/97	<50	---	75	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-2	03/14/97	72	---	200	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-2	07/10/97	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
EXP-2	01/09/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-2	05/20/98	<300	---	---	---	---	<0.50	0.6	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-2	11/04/98	<300	<100	---	---	---	<0.50	1.5	1	10	<0.50	<0.50	---	---	---	---
EXP-2	05/07/99	<500	---	<500	---	---	1.6	1.1	<0.50	1.9	<1	1.7	---	---	---	---
EXP-2	05/26/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	---	---	---	---
EXP-2	07/21/99	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.83	---	---	---	---
EXP-2	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	10/12/99	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	11/18/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	12/21/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	03/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	06/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/09/01	<300	<100	---	---	---	<0.50	0.9	<0.50	0.8	<0.50	<0.50	---	---	---	---
EXP-2	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-2	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-2	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/10/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	01/29/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/22/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	07/21/04	120	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
EXP-2	11/04/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	02/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/03/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	09/19/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	12/06/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	05/03/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	08/29/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/20/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	04/17/08	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	08/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	10/16/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-2	02/24/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-2	04/21/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/22/09	<50	<100	---	---	---	1.1	0.59	0.67	1.78	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/19/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.1 J	<2	<2	<2
EXP-2	10/19/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/11/10	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/12/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-2	10/04/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
EXP-2	01/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/10/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/11/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/11/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/10/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/09/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/16/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/09/12	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/09/12	<100	---	---	---	210 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	<2	<2	<2
EXP-2	10/15/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/15/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/14/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/08/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/08/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/07/13	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/14/14	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.5 J	<2	<2	<2
EXP-2	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/28/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/23/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-2	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/12/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/19/17	<100	---	<100	<1	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	10/02/17	<100	---	150	---	---	1.4	<0.50	5.4	1.8	<0.50	<1	<10	<2	<2	<2
EXP-2	10/03/17	<50	---	<100X	---	---	0.98	<0.50	4.8	1.3	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/25/17	---	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	04/19/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/19/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	11/05/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1	<1	<1
EXP-2	11/05/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	11/06/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-2	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/18/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-2	10/29/19	<50	---	56	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	10/29/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	05/07/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1.0	<1.0	<1.0
EXP-2	05/07/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	10/22/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	1.2	<10	<2.0	<2.0	<2.0
EXP-2	11/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<1.0	<1.0	<1.0
EXP-2	05/06/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.60	<10	<1.0	<1.0	<1.0
EXP-2	05/06/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.8	<10	<1.0	<1.0	<1.0
EXP-2	11/03/21	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	4.4	<10	<2.0	<2.0	<2.0
EXP-2	05/12/22	<100	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	05/12/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1.0	<1.0	<1.0
EXP-3	11/27/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	<1	---	---	---	---
EXP-3	03/14/97	<100	---	---	---	---	<2	<2	<2	<2	---	---	---	---	---	---
EXP-3	03/14/97	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-3	03/14/97	<50	---	250	---	---	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---
EXP-3	07/10/97	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
EXP-3	01/09/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-3	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
EXP-3	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/07/99	---	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.89	---	---	---	---
EXP-3	05/27/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/10/99	<500	---	<1000	---	---	4	6.2	<1	3.4	<0.50	<1	---	---	---	---
EXP-3	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-3	10/12/99	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-3	11/18/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	12/21/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	01/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	03/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	06/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/30/00	<300	<100	---	---	---	<0.50	0.5	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/07/01	<300	<100	---	---	---	<0.50	<0.60	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/07/01	<300	<100	---	---	---	0.8	0.6	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-3	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/12/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1	---	---	---	---
EXP-3	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-3	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/10/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	01/29/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/22/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	07/21/04	120	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
EXP-3	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/05/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	09/18/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	12/06/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	05/04/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	08/30/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	11/16/07	<100	1500	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/07/08	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/20/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	04/16/08	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	04/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	08/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-3	10/15/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/24/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-3	04/22/09	<100	---	---	---	<100	<0.50	3.4	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/20/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/19/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-3	10/19/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	01/11/10	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/12/10	---	---	---	---	<100	0.31 J	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<10	<1	<1	<1
EXP-3	10/04/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	0.68	<10	---	---	---
EXP-3	01/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	0.95	<10	<1	<1	<1
EXP-3	01/10/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.64	1	<10	<2	<2	<2
EXP-3	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	0.99	<10	<1	<1	<1
EXP-3	04/11/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	1.1	<10	<2	<2	<2
EXP-3	07/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	<10	<1	<1	<1
EXP-3	07/12/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.62	0.45 J	<10	<2	<2	<2
EXP-3	10/10/11	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/10/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.7 J	<2	<2	<2
EXP-3	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<1	<1	<1
EXP-3	01/09/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.81	0.63	<10	<2	<2	<2
EXP-3	04/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.58	<0.50	<10	<1	<1	<1
EXP-3	04/16/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.54	0.48 J	<10	<2	<2	<2
EXP-3	07/09/12	<50	---	190	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/09/12	<100	---	---	---	250 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	9.5 J	<2	<2	<2
EXP-3	08/29/12	---	---	<50	---	---	---	---	---	---	---	---	---	---	---	---
EXP-3	10/15/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/15/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.45 J	<0.50	<10	<2	<2	<2
EXP-3	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
EXP-3	01/14/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	0.74	0.34 J	<10	<2	<2	<2
EXP-3	04/08/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/08/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/07/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	0.36 J	<0.50	<10	<2	<2	<2
EXP-3	04/14/14	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	<10	<1	<1	<1
EXP-3	10/28/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/23/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	10/20/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/20/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
EXP-3	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/12/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	<10	<1	<1	<1
EXP-3	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/04/17	<50	---	100 C	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-3	10/04/17	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/25/17	---	---	<100	---	---	---	---	---	---	---	---	---	---	---	---
EXP-3	04/16/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	<10	<1	<1	<1
EXP-3	04/16/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	11/06/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	11/06/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	04/16/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/16/19	<100	---	120 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
EXP-3	10/29/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	10/31/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	05/06/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	05/07/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	10/21/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	05/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	11/02/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	05/10/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-4	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
EXP-4	05/06/99	<500	---	<500	---	---	1.3	4.1	<0.50	1.7	<1	<0.50	---	---	---	---
EXP-4	07/21/99	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
EXP-4	08/10/99	<500	---	<1000	---	---	50	80	7.7	44	2.1	4.2	---	---	---	---
EXP-4	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-4	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	0.72	1.2	---	---	---	---
EXP-4	10/12/99	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-4	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
EXP-4	12/21/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	01/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.5	<0.50	<0.50	---	---	---	---
EXP-4	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	03/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	06/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	09/18/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-4	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	09/20/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-4	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	07/20/09	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/19/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/12	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/08/13	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/28/14	<50	---	63	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/21/15	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	11/06/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	05/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	11/11/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
EXP-5	05/05/99	<500	---	<500	---	---	7.6	3.9	1.4	7.4	<1	140	---	---	---	---
EXP-5	07/21/99	<50	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	11	---	---	---	---
EXP-5	08/10/99	<500	---	<1000	---	---	21	37	4.3	22	<0.50	2.4	---	---	---	---
EXP-5	09/23/99	<300	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-5	10/12/99	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
EXP-5	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	12/21/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	03/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/20/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	06/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-5	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	01/29/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/21/04	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	08/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	09/19/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	08/28/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/20/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	08/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	10/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
EXP-5	02/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
EXP-5	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/19/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/04/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/11/11	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
EXP-5	07/09/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/14/13	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/06/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GB-21	01/24/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GB-21	01/24/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	140	<1	<1	<1
GB-22	01/21/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GB-22	01/21/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	110	<1	<1	<1
GB-23	01/21/11	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	2400	<1	<1	<1
GB-23	01/21/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<1	<1	<1
GMW-1	11/27/96	---	---	---	---	---	13000	11000	2700	14300	<50	<500	---	---	---	---
GMW-1	07/17/97	68000	---	6900	---	---	10000	5500	2500	11500	<30	<300	---	---	---	---
GMW-1	01/09/98	5800	---	4500	---	---	5600	590	1200	4570	<30	<300	---	---	---	---
GMW-1	05/27/98	19600	---	---	---	---	4360	466	930	2279	<0.50	101	---	---	---	---
GMW-1	11/17/98	4260	32200	---	---	---	950	150	360	320	<50	<50	---	---	---	---
GMW-1	05/05/99	<500	---	<500	---	---	1.9	8.4	0.58	2.9	<1	<0.50	---	---	---	---
GMW-1	11/17/99	23000	25000	---	---	---	4700	440	1100	4040	<5	71	---	---	---	---
GMW-1	05/16/00	14000	16000	---	---	---	3100	40	720	2300	<25	50	---	---	---	---
GMW-1	11/30/00	14000	28000	---	---	---	2700	80	1000	1780	<0.50	33	---	---	---	---
GMW-1	05/09/01	1000	18000	---	---	---	1900	<13	530	468	<13	<13	---	---	---	---
GMW-1	11/06/01	11000	18000	---	---	---	2900	35	1300	280	<0.50	27	---	---	---	---
GMW-1	04/10/02	7600	13000	---	---	---	2000	26	740	295	<10	18	---	---	---	---
GMW-1	10/23/02	830	8400	---	---	---	1300	<5	330	111	<5	17	---	---	---	---
GMW-1	03/11/03	340	390	---	---	---	130	<0.50	30	6.05	<0.50	0.68	---	---	---	---
GMW-1	04/08/03	4500	2100	---	---	---	2200	<10	240	142	<20	25	---	---	---	---
GMW-1	08/01/03	4000	2100	---	---	---	1600	11	360	172	<20	14	---	---	---	---
GMW-1	10/06/03	7400	2500	---	---	---	2200	12	520	196	<20	13	---	---	---	---
GMW-1	01/27/04	4400	2200	---	---	---	1500	5.7	180	200	<10	12	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-1	04/22/04	9100	5200	---	---	---	3200	<20	270	160	<40	<20	---	---	---	---
GMW-1	07/19/04	6000	1800	---	---	---	2100	<10	90	70	<20	20	---	---	---	---
GMW-1	11/03/04	7900	3700	---	---	---	3500	<10	88	35	<20	18	---	---	---	---
GMW-1	02/02/05	2100	1500	---	---	---	1100	<5	18	29	<10	12	---	---	---	---
GMW-1	05/06/05	<200	320	---	---	---	1.2	<1	<1	<1	<2	<1	---	---	---	---
GMW-1	08/01/05	<500	1100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	11/02/05	<500	1400	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	02/27/06	<1000	1600	---	---	---	<5	<5	<5	<5	<10	<5	---	---	---	---
GMW-1	05/04/06	<500	1600	---	---	---	4	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	09/18/06	<500	1300	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	12/06/06	<500	4500	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
GMW-1	03/13/07	<1000	2000	---	---	---	<5	<5	<5	<5	<10	<5	---	---	---	---
GMW-1	05/04/07	<50	1500	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-1	08/30/07	520	910	---	---	---	<1.5	<1.5	<1.5	<1.5	<3	<1.5	---	---	---	---
GMW-1	11/14/07	140	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-1	02/20/08	<200	690	---	---	---	41	<1	4.9	4.8	<2	<1	---	---	---	---
GMW-1	04/16/08	<200	1200	---	---	---	14	<1	<1	<1	<2	<1	---	---	---	---
GMW-1	10/17/08	1600	2900	---	---	---	52	1.6	58	250	<2	<1	---	---	---	---
GMW-1	04/20/09	600	2400	---	---	---	63	1.2	25	15.7	<2	<1	<20	<2	<2	<2
GMW-1	10/22/09	330	1900	---	---	---	1.5	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	05/27/10	900	1900	---	---	---	55	4.9	46	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/07/10	400	<1700	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	04/14/11	230	1500	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/12/11	230	1700	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	04/19/12	<200	---	850	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/17/12	<500	---	880	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-1	04/11/13	<500	---	470	---	---	2.8	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-1	10/10/13	<200	---	270	---	---	<1	<1	<1	<1	<2	1.7	29	<2	<2	<2
GMW-1	04/16/14	89	---	77	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	11	<1	<1	<1
GMW-1	10/30/14	70	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.94	<10	<1	<1	<1
GMW-1	04/23/15	58	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	16	<1	<1	<1
GMW-1	10/23/15	110	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	13	<1	<1	<1
GMW-1	03/15/16	<50	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1	<1	<1
GMW-1	04/14/16	55	---	70	---	---	<0.50	<0.50	<0.50	7.7	<0.50	2.9	22	<1	<1	<1
GMW-1	06/29/16	<50	---	69	---	---	<0.50	<0.50	<0.50	2.3	<0.50	2.9	16	<1	<1	<1
GMW-1	08/23/16	<50	---	68	---	---	0.09	0.11	0.19	1.4	<0.50	1.8	12	0.12	<1	0.19
GMW-1	10/06/16	57	---	150	---	---	0.56	<0.50	<0.50	2.9	<0.50	2	13	<1	<1	<1
GMW-1	05/11/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1.0	<1.0	<1.0
GMW-1	05/12/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-2	11/21/96	---	---	---	---	---	6500	44	700	960	<30	4800	---	---	---	---
GMW-2	07/15/97	350	---	<500	---	---	59	1.2	41	20	<0.50	<5	---	---	---	---
GMW-2	01/08/98	<100	---	<500	---	---	4.1	0.79	1.1	1.1	2.7	220	---	---	---	---
GMW-2	05/27/98	<300	---	---	---	---	<0.50	58	0.8	0.5	<0.50	21	---	---	---	---
GMW-2	11/17/98	<300	<100	---	---	---	0.88	2.1	0.9	4.8	<0.50	4.4	---	---	---	---
GMW-2	05/07/99	<500	---	<500	---	---	8.2	<0.50	<0.50	0.94	<1	42	---	---	---	---
GMW-2	11/17/99	<300	<100	---	---	---	0.7	<0.50	<0.50	<0.50	<0.50	66	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-2	05/16/00	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
GMW-2	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	140	---	---	---	---
GMW-2	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	51	---	---	---	---
GMW-2	11/06/01	<300	<100	---	---	---	7.8	<0.50	<0.50	0.7	1.2	140	---	---	---	---
GMW-2	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	240	---	---	---	---
GMW-2	10/23/02	<300	240	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	---
GMW-2	10/07/03	91	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	81	---	---	---	---
GMW-2	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-2	05/09/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	---	---	---	---
GMW-2	05/02/07	160	110	---	---	---	73	<0.50	<0.50	2.3	<1	5.8	---	---	---	---
GMW-2	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-2	04/20/09	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-2	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	11/25/96	---	---	---	---	---	<5	<5	<0.50	<1.5	<5	<50	---	---	---	---
GMW-3	07/11/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-3	01/05/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-3	05/26/98	---	---	---	---	---	<0.50	<0.50	<0.50	0.9	<0.50	<0.50	---	---	---	---
GMW-3	11/11/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-3	05/07/99	<500	---	<500	---	---	1.1	4.4	<0.50	1.9	<1	<0.50	---	---	---	---
GMW-3	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
GMW-3	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	---	---	---	---
GMW-3	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	01/27/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/03/05	120	710	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	11/14/07	<200	1800	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
GMW-3	04/16/08	<100	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-3	04/16/08	<100	750	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-3	10/14/08	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-3	04/20/09	<50	<100	---	---	---	0.63	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-3	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	06/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1	<1	<1
GMW-3	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-4	07/15/97	1300	---	2100	---	---	38	<0.50	35	45	<0.50	<5	---	---	---	---
GMW-4	01/08/98	380	---	530	---	---	14	1.2	12	18.8	1.6	<5	---	---	---	---
GMW-4	05/26/98	2300	---	---	---	---	42	<0.30	69	87	<2.5	<2.5	---	---	---	---
GMW-4	11/18/99	1600	4100	---	---	---	67	<0.50	51	24.1	<0.50	<0.50	---	---	---	---
GMW-4	05/19/00	2500	3400	---	---	---	48	0.5	29	36.9	<0.50	<0.50	---	---	---	---
GMW-4	04/10/03	500	1100	---	---	---	8	<0.50	8.2	26	<0.50	<0.50	---	---	---	---
GMW-4	05/04/07	2000	13000	---	---	---	110	<1	27	12.1	<2	<1	---	---	---	---
GMW-4	04/16/08	16000	14000	---	---	---	270	<2.5	110	157	<2.5	<2.5	<50	<10	<10	<10
GMW-4	04/17/08	4400	40000	---	---	---	290	<5	89	102	<10	<5	---	---	---	---
GMW-4	11/21/08	4900	16000	---	---	---	260	<2.5	45	27.9	<5	<2.5	---	---	---	---
GMW-4	04/23/09	2500	9500	---	---	---	120	<0.50	12	8.6	<1	3.9	<10	<1	<1	<1
GMW-4	05/27/10	2200	6100	---	---	---	170	1.1	6.3	10	<2	<1	<20	<2	<2	<2
GMW-4	10/05/10	1300	<15000	---	---	---	8.2	<1	2.8	2.2	<2	3.2	22	<2	<2	<2
GMW-4	04/14/11	2800	24000	---	---	---	130	<1	2	3.4	<2	<1	<20	<2	<2	<2
GMW-4	10/12/11	1200	4200	---	---	---	62	<1	1.4	<1	<2	3.8	<20	<2	<2	<2
GMW-4	04/20/12	4600	---	25000	---	---	170	<10	<10	<10	<20	<10	<200	<20	<20	<20
GMW-4	10/19/12	1300	---	8100	---	---	36	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-4	04/12/13	2100	---	8000	---	---	56	<4	<4	<4	<8	<4	<80	<8	<8	<8
GMW-4	10/11/13	1800	---	2400	---	---	24	<0.50	1.1	1.7	<1	2.2	<10	<1	<1	<1
GMW-5	11/27/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-5	07/11/97	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-5	01/06/98	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/18/98	---	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	11/04/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	05/16/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-5	11/29/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-5	10/08/13	<100	---	120 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-5	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-5	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-5	04/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-6	11/27/96	5300	---	<500	<500	---	330	<12	320	300	---	---	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-6	07/09/97	<50	---	<50	<50	---	2.7	<1	1.4	<2	<5	---	---	---	---	---
GMW-6	01/07/98	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	05/21/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-6	11/05/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	05/16/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-6	11/29/00	<300	550	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-6	10/23/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	04/10/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-6	10/08/03	---	130	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	04/22/04	---	<100	---	---	---	0.41	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	11/06/04	---	4100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	05/06/05	---	<100	---	---	---	<0.30	0.46	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	11/08/05	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	05/03/06	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-6	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	1.3	---	<5	---	---	---	---
GMW-6	05/02/07	---	<100	---	---	---	0.58	0.54	<0.50	<1	---	<5	---	---	---	---
GMW-6	08/31/07	3400	1100	---	---	---	400	96	45	188	<0.50	<0.50	<10	<2	<2	<2
GMW-6	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-6	11/15/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	04/16/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-6	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-6	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	43	---	---	---	---
GMW-6	07/21/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/20/09	---	---	---	---	110	1.5	<0.50	<0.50	<0.50	<0.50	350	<10	<2	<2	0.51 J
GMW-6	04/12/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	7.2	<10	<2	<2	<2
GMW-6	10/05/10	---	---	---	---	170	0.35 J	---	---	---	<0.50	130	210	---	---	---
GMW-6	02/24/11	<50	120	---	---	---	0.53	<0.50	<0.50	<0.50	<0.50	9.6	120	<1	<1	<1
GMW-6	04/13/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/10/11	---	---	---	---	290	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	220	<2	<2	<2
GMW-6	04/19/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.34 J	<10	<2	<2	<2
GMW-6	10/15/12	---	---	---	---	<100	<0.50	<0.50	0.17 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	04/10/13	---	---	110 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.44 J	<10	<2	<2	<2
GMW-6	10/08/13	<100	---	250 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	57	<2	<2	<2
GMW-6	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/27/14	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-6	04/28/15	<100	---	<100	---	---	1.2	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-6	10/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-6	04/12/16	<100	---	<100	---	---	0.89	<0.50	2.3	7.6	<0.50	<1	<10	<2	<2	<2
GMW-6	10/07/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	10/03/17	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-6	04/17/18	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	11/09/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	04/16/19	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-6	10/29/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	05/05/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	10/21/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	05/05/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	11/03/21	<100	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	05/11/22	<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	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-7	12/01/00	520000	370000	---	---	---	4800	970	620	12000	---	<2500	---	---	---	---
GMW-7	04/30/15	610	---	28000	---	---	8.1	<0.50	<0.50	<1	<0.50	<2	15	<2	<2	<2
GMW-7	10/11/16	560	---	2000	---	---	7.5	<0.50	<0.50	<1	<0.50	1.4	47	<2	<2	<2
GMW-7	10/10/17	240	---	1400	---	---	2.2	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-7	04/20/18	150	---	4800 J	---	---	1.6	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-7	11/12/18	410	---	5600	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-7	04/22/19	150	---	3900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	31	<2	<2	<2
GMW-7	11/06/19	230	---	5000	---	---	5.1	<0.50	<0.50	<1.0	<0.50	<1.2	27	<2.0	<2.0	<2.0
GMW-7	05/11/20	360	---	5100	---	---	9.1	<0.50	0.51	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-7	10/26/20	530	---	2300	---	---	150 J	0.54 J	1.3 J	<1.0	<0.50	1.8	<10	<2.0	<2.0	<2.0
GMW-7	05/12/21	710	---	4700	---	---	100	<1.0	2.5	<2.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-7	11/08/21	520	---	5900	---	---	34	0.64	1.9	0.79	<0.50	4.0	54	<2.0	<2.0	<2.0
GMW-7	05/19/22	670	---	11000	---	---	66	0.50	1.2	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-8	11/21/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	12	<5	---	---	---	---
GMW-8	07/11/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	1.7	<5	---	---	---	---
GMW-8	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	5	<5	---	---	---	---
GMW-8	05/26/98	---	---	---	---	---	<0.30	<0.30	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-8	11/06/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.6	<0.90	---	---	---	---
GMW-8	05/05/99	<500	---	<500	---	---	2	7.2	0.57	3	<1	<0.50	---	---	---	---
GMW-8	05/07/99	<500	---	<500	---	---	<0.50	1.7	<0.50	0.51	4.4	<0.50	---	---	---	---
GMW-8	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.6	<0.50	---	---	---	---
GMW-8	05/19/00	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	15	<0.50	---	---	---	---
GMW-8	11/29/00	<300	780	---	---	---	1	0.9	<0.50	1.5	10	2.9	---	---	---	---
GMW-8	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	2.4	---	---	---	---
GMW-8	10/24/02	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	---	---	---	---
GMW-8	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	---	---	---	---
GMW-8	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	11/05/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	11/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.78	---	---	---	---
GMW-8	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	---	---	---	---
GMW-8	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-8	11/14/07	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/17/08	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	10/21/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-8	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/19/09	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-8	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	06/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	0.59	<10	<1	<1	<1
GMW-8	04/15/14	<100	---	93	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.8	<10	<1	<1	<1
GMW-8	10/29/14	<100	---	65	---	---	<0.50	<0.50	<0.50	<0.50	3.3	1.1	<10	<1	<1	<1
GMW-8	04/22/15	<50	---	60	---	---	<0.50	<0.50	<0.50	<0.50	3.3	1.7	<10	<1	<1	<1
GMW-8	10/22/15	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	4.6	1.5	<10	<1	<1	<1
GMW-8	04/15/16	<50	---	230	---	---	<0.50	<0.50	<0.50	<0.50	4.3	1.4	<10	<1	<1	<1
GMW-8	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.9	0.55	<10	<1	<1	<1
GMW-8	04/18/17	<50	---	170	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/05/17	<50	---	270 L	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	04/19/18	<50	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	11/08/18	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	04/19/19	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/29/19	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	05/12/20	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	06/10/20	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	11/05/20	<50	---	100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	05/06/21	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	05/11/22	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-9	10/07/10	6800	7200	---	---	---	890	62	120	650	<10	56	1600	44	<10	<10
GMW-9	04/13/11	54000	21000	---	---	---	20000	290	970	3800	<200	3600	<2000	<200	<200	<200
GMW-9	10/13/11	61000	7600	---	---	---	18000	6500	760	3400	<200	2100	<2000	<200	<200	<200
GMW-9	08/23/16	94	---	1700	---	---	0.71	<0.50	<0.50	3.4	<0.50	2.3	80	4.7	<1	<1
GMW-9	10/06/16	67	---	140	---	---	4.6	<0.50	<0.50	<0.50	0.64	0.84	110	13	<1	<1
GMW-9	04/21/17	750	---	760	---	---	9.2	0.98	0.71	20	<1	1.9	18	5.5	<1	<1
GMW-9	10/05/17	<50	---	100	---	---	<0.50	<0.50	<0.50	<0.50	0.56	0.62	83	4.7	<1	<1
GMW-9	05/15/18	<50	---	290	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	34	4.4	<1	<1
GMW-9	11/08/18	<50	---	53	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	40	3.1	<1	<1
GMW-9	04/23/19	290	---	59	---	---	<0.50	<0.50	<0.50	2.1	<0.50	0.72	4900	<1	<1	<1
GMW-9	11/01/19	<50	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<1.0	<1.0	<1.0
GMW-9	05/11/20	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	<10	<1.0	<1.0	<1.0
GMW-9	11/06/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-9	05/06/21	<50	---	83	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-9	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-9	05/20/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-10	10/08/10	4800	36000	---	---	---	360	<2.5	87	14	<5	<2.5	120	<5	<5	<5
GMW-10	04/14/11	5700	31000	---	---	---	370	2	93	7.9	<3	<1.5	100	<3	<3	<3
GMW-10	10/14/11	3700	11000	---	---	---	580	3.3	75	7.8	<5	<2.5	590	<5	<5	<5
GMW-10	04/27/12	3000	---	3100	---	---	360	<2	15	3.2	<4	<2	79	<4	<4	<4

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-10	10/19/12	10000	---	7500	---	---	1300	380	270	1400	<10	<5	<100	<10	<10	<10
GMW-10	04/12/13	14000	---	100000	---	---	210	65	48	310	<20	<10	<200	<20	<20	<20
GMW-10	10/11/13	13000	---	9500	---	---	1100	800	350	1900	<20	<10	<200	<20	<20	<20
GMW-10	10/28/15	27000	---	41000	---	---	1100	2400	730	3800	<20	<10	<200	<20	<20	<20
GMW-10	02/24/21	<500	---	39000	---	---	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
GMW-10	05/06/21	<500	---	19000	---	---	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
GMW-10	08/31/21	200	---	15000	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-10	11/03/21	200	---	4500	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	0.58	<10	<1.0	<1.0	<1.0
GMW-10	03/10/22	<200	---	2900	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-10	05/13/22	<200	---	2400	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-11	11/21/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-11	07/10/97	220	---	2500	---	---	<0.50	4	0.9	<0.50	<0.50	<5	---	---	---	---
GMW-11	01/07/98	4000	---	220000	---	---	<0.50	<0.50	<0.50	1.6	<0.50	<5	---	---	---	---
GMW-11	05/20/98	42400	---	---	---	---	<0.30	<0.30	<25	<50	<2.5	<0.50	---	---	---	---
GMW-11	11/17/98	6230	146000	---	---	---	<5	6	<5	11	<5	24	---	---	---	---
GMW-11	05/07/99	1900	---	1900	---	---	0.61	2.1	<0.50	0.62	<1	<0.50	---	---	---	---
GMW-11	11/16/99	1200	25000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	05/19/00	790	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	11/30/00	1600	4100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	05/10/01	<300	670	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	11/07/01	<300	560	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-11	04/15/16	<100	---	440	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	11/27/96	99	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	<1	---	---	---	---
GMW-12	07/10/97	110	---	8600	<7500	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-12	01/06/98	<500	---	1000	<100	---	<0.50	1.6	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-12	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-12	11/05/98	<300	433	---	---	---	4.5	<0.50	3	1.7	<0.50	<0.50	---	---	---	---
GMW-12	05/27/99	<300	937	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/18/99	<300	4900	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	05/17/00	<300	2200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/30/00	<300	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	05/09/01	<300	2100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	11/07/01	<300	2700	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/11/02	<300	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	10/23/02	<300	1700	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
GMW-12	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/14/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	10/10/03	<100	2900	---	---	---	<0.50	<0.50	0.56	<0.50	<0.50	<0.50	---	---	---	---
GMW-12	04/21/04	<100	2000	---	---	---	<0.50	<0.50	<0.50	0.62	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/04/04	<100	2600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/06/05	<100	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/08/05	<100	270	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/04/06	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	12/08/06	<100	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/04/07	<100	440	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-12	11/16/07	---	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/18/08	<100	480	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/16/08	<100	---	---	---	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/23/09	<100	---	---	---	630	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/20/09	<100	---	---	---	480	<0.50	<0.50	<0.50	<0.50	<0.50	0.49 J	<10	<2	<2	<2
GMW-12	04/15/10	---	---	---	---	400	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-12	10/08/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	3.6 J	---	---	---
GMW-12	04/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/15/12	---	---	---	---	280 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/09/13	---	---	650 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/08/13	<100	---	700 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/16/14	<100	---	1200 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/29/14	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-12	04/28/15	<100	---	960	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-12	10/10/16	<100	---	1400	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	04/21/17	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	10/04/17	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	04/23/18	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	11/12/18	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	04/19/19	<100	---	780	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-12	10/30/19	<100	---	600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	05/08/20	<100	---	190	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	10/22/20	<100	---	190	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	05/06/21	<100	---	400	---	---	0.72	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	11/08/21	<100	---	790	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	05/16/22	<100	---	120	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-13	11/21/96	---	---	---	---	---	3.2	<0.50	0.73	1.2	<0.50	<5	---	---	---	---
GMW-13	07/10/97	1300	---	5600	---	---	1.6	3.5	0.93	2.35	<0.50	<5	---	---	---	---
GMW-13	01/08/98	<100	---	<500	---	---	1.9	1.6	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-13	05/20/98	<300	---	---	---	---	<0.30	<0.30	<25	0.8	<2.5	<0.50	---	---	---	---
GMW-13	11/12/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-13	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	---	---	---	---
GMW-13	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	02/01/02	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<1	---	---	---	---
GMW-13	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	---	---	---	---
GMW-13	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-13	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-13	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/19/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/23/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	23	9.5	<10	3.8	<2	<2
GMW-13	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/13/11	---	---	---	---	130	---	---	---	---	---	---	---	---	---	---
GMW-13	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/18	<50	---	88	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	05/08/20	<50	---	74	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	05/04/21	<50	---	51	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	05/10/22	<50	---	65	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-14	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	04/22/04	59	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-14	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	03/08/06	520	2000	---	---	---	2.6	<0.50	<0.50	<0.50	0.64	4	21	<2	<2	<2
GMW-14	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-14	11/14/07	1500	2100	---	---	---	<2.5	<2.5	34	3	<5	<2.5	---	---	---	---
GMW-14	04/16/08	440	850	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-14	07/29/08	210	810	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	18	<2	<2	<2
GMW-14	10/17/08	210	420	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-14	04/23/09	120	580	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/22/09	130	740	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<1	<1	<1
GMW-14	04/16/10	---	---	---	---	1500	160	<0.50	2.6	2.95	<0.50	13	15	<2	<2	0.79 J
GMW-14	10/07/10	160	<620	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-14	04/13/11	<100	310	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-14	10/12/11	58	600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/19/12	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/17/12	<50	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/11/13	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/10/13	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	16	<1	<1	<1
GMW-14	10/30/14	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.83	17	<1	<1	<1
GMW-14R	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<1	<1	<1
GMW-14R	10/05/17	<50	---	71	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14R	04/19/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
GMW-14R	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14R	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14R	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/11/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	11/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/10/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-14R	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/12/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-15	05/20/98	1300	---	---	---	---	3.9	<0.30	7.4	6.4	---	---	---	---	---	---
GMW-15	11/05/98	512	1170	---	---	---	1.8	<0.30	3.7	1	---	---	---	---	---	---
GMW-15	05/27/99	634	18600	---	---	---	2.5	<0.30	5.3	2	---	---	---	---	---	---
GMW-15	11/18/99	<300	3400	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-15	05/16/00	610	11000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-15	12/01/00	450	4000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-15	05/10/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-15	11/07/01	<300	13000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-15	04/10/02	1900	18000	---	---	---	1.2	<0.30	1.6	3.8	---	<5	---	---	---	---
GMW-15	10/23/02	840	16000	---	---	---	0.58	<0.30	0.72	1.5	---	<5	---	---	---	---
GMW-15	04/10/03	---	5060	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---

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 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-15	10/08/03	---	11000	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	04/22/04	---	4200	---	---	---	0.7	<0.30	<0.30	0.47	---	<5	---	---	---	---
GMW-15	11/06/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	05/06/05	---	670	---	---	---	<0.30	0.47	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	11/08/05	---	200	---	---	---	<0.30	0.31	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	05/03/06	---	330	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-15	12/08/06	---	160	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	05/02/07	---	710	---	---	---	<0.50	<0.50	<0.50	1.2	---	<5	---	---	---	---
GMW-15	05/02/07	---	740	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	11/14/07	---	890	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	04/16/08	---	1400	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-15	10/15/08	---	---	---	---	1400	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/21/09	180	---	---	---	3600	<0.50	<0.50	<0.50	<0.50	---	5.4	---	---	---	---
GMW-15	10/20/09	---	---	---	---	4900	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	4.5 J	<2	<2	<2
GMW-15	04/15/10	---	---	---	---	760	<0.50	<0.50	<0.50	<0.50	---	5.7	<10	<2	<2	<2
GMW-15	10/05/10	---	---	---	---	230	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-15	04/14/11	---	---	---	---	210	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/10/11	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/19/12	---	---	---	---	1600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/15/12	---	---	---	---	460 b	<0.50	<0.50	<0.50	<0.50	<0.50	12	<10	<2	<2	<2
GMW-15	04/10/13	---	---	6200 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-15	10/08/13	350 HD	---	4600 HD	---	---	<0.50	<0.50	0.19 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/16/14	250 HD	---	2700 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/30/14	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	04/28/15	<100	---	1500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	10/23/15	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-15	04/14/16	<100	---	3700	---	---	0.56	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	10/10/16	<100	---	2400	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	04/21/17	<100	---	1600	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	10/05/17	<100	---	2000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	04/20/18	<100	---	3400 J	---	---	0.97	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	11/12/18	<100	---	4200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	04/19/19	<100	---	2200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-15	11/06/19	<100	---	1800	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/11/20	<100	---	220	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	10/23/20	<100J	---	720	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/07/21	<100	---	170	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	11/03/21	<100	---	330	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/16/22	<100	---	370	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	11/21/96	<38	---	<500	<500	---	<0.50	<0.50	0.8	<1.5	<0.50	---	---	---	---	---
GMW-16	07/09/97	<50	---	110	<50	---	5.7	<5	9.2	7.5	<5	<5	---	---	---	---
GMW-16	01/06/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-16	05/20/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/04/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-16	05/16/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-16	11/29/00	<300	140	---	---	---	0.64	1.2	0.85	3.2	---	<5	---	---	---	---
GMW-16	05/10/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-16	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	9.1	---	---	---	---
GMW-16	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-16	10/23/02	<300	110	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	04/11/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-16	10/08/03	---	310	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	04/22/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	11/06/04	---	<100	---	---	---	<0.30	<0.30	<0.30	0.59	---	<5	---	---	---	---
GMW-16	05/06/05	---	<100	---	---	---	<0.30	0.58	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	11/08/05	---	<100	---	---	---	<0.30	0.48	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	05/03/06	---	100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-16	12/06/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	05/02/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	04/16/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-16	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-16	10/20/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/12/10	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-16	10/05/10	---	---	---	---	100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-16	10/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/18/12	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/15/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/10/13	---	---	---	---	190 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/08/13	<100	---	250 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/27/14	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-16	04/24/15	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-16	04/19/17	<100	---	660	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	10/05/17	<100	---	370	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	04/18/18	<100	---	290	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	11/09/18	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	04/18/19	<100	---	360	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-16	11/05/19	<100	---	210	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/07/20	<100	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	10/21/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/07/21	<100	---	240	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	11/05/21	<100	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/11/22	<100	---	170	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17	05/10/01	6800	1500000	---	---	---	52	25	<15	330	---	<250	---	---	---	---
GMW-17	10/24/02	49000	170000	---	---	---	91	<30	<30	160	---	<500	---	---	---	---
GMW-17	04/14/03	---	10100	---	---	---	572	5.55	75.1	367	---	<15	---	---	---	---
GMW-17	10/10/03	---	8700	---	---	---	240	1.5	9.5	41	---	<10	---	---	---	---
GMW-17	04/22/04	---	2400	---	---	---	540	4.6	24	190	---	63	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-17	11/06/04	---	3000	---	---	---	110	<0.30	2.1	6.1	---	19	---	---	---	---
GMW-17	05/10/05	---	760	---	---	---	7.9	3.6	<1.5	2.6	---	<25	---	---	---	---
GMW-17	11/08/05	---	290	---	---	---	3.7	<0.30	0.37	1.9	---	7	---	---	---	---
GMW-17	05/05/06	---	1200	---	---	---	3.7	2.2	1.6	4.5	---	<5	---	---	---	---
GMW-17	12/08/06	---	1400	---	---	---	34	<0.50	1.9	30	---	<5	---	---	---	---
GMW-17	05/03/07	---	12000	---	---	---	9.1	<0.50	0.92	9	---	7.7	---	---	---	---
GMW-17	11/14/07	---	1200	---	---	---	4.8	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-17	04/18/08	---	<100	---	---	---	5.3	<0.50	0.62	1.4	---	<5	---	---	---	---
GMW-17	10/17/08	---	---	---	---	1600	2.6	<0.50	0.57	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-17	04/22/09	450	---	---	---	760	27	<0.50	2.4	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-17	10/20/09	---	---	---	---	2400	0.42 J	<0.50	<0.50	<0.50	<0.50	<0.50	9.5 J	<2	<2	<2
GMW-17	04/14/10	1200	---	---	---	1900	59	0.34 J	5.5	2	---	<0.50	<10	<2	<2	<2
GMW-17	10/05/10	1200	---	---	---	2000	79	---	---	---	<0.50	<0.50	5.2 J	---	---	---
GMW-17	04/15/11	750	---	---	---	1200	13	0.55	4.6	0.82	<0.50	<0.50	<10	<2	<2	<2
GMW-17	10/10/11	<1100	---	---	---	1100	50	<0.77	28	6.47	<0.50	<0.50	<10	<2	<2	<2
GMW-17	04/20/12	610	---	---	---	2100	1.2	<0.50	0.18 J	0.71 J	<0.50	<0.50	29	<2	<2	<2
GMW-17	04/12/13	1000 b	---	6700	---	---	55	1.1	1.2	13.7	<0.50	<0.50	31	<2	<2	<2
GMW-17	10/09/13	680 HD	---	4200 HD	---	---	16	1.2	1.7	11.6	<0.50	0.48 J	30	<2	<2	<2
GMW-17	04/18/14	1400 HD	---	5700 HD	---	---	38	1.9	2.3	21.1	<0.50	0.42 J	48	<2	<2	<2
GMW-17	10/31/14	510	---	2300	---	---	10	1.5	<0.50	2.7	<0.50	<2	30	<2	<2	<2
GMW-17R	10/09/17	640	---	1200	---	---	64	<0.50	5	2.9	<0.50	2.5	19	<2	<2	<2
GMW-17R	04/20/18	550	---	1600 J	---	---	63	0.69	0.78	19	<0.50	3.7	<10	<2	<2	<2
GMW-17R	11/12/18	1300	---	1600	---	---	46	<0.50	1.4	41	<0.50	2.6	<10	<2	<2	<2
GMW-17R	04/19/19	<100	---	220	---	---	<0.50	<0.50	2.7	15	<0.50	<1	<10	<2	<2	<2
GMW-17R	10/31/19	<100	---	<100	---	---	1.3	<0.50	4.7	18.2	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	05/07/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	10/20/20	<100J	---	<100J	---	---	<0.50J	<0.50J	<0.50J	<1.0J	<0.50J	<1.2J	<10J	<2.0J	<2.0J	<2.0J
GMW-17R	05/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	11/02/21	<100	---	140	---	---	1.7	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	05/12/22	<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	---	16500000	---	---	---	3410	3510	3070	17800	---	<150	---	---	---	---
GMW-18	10/08/03	---	170000	---	---	---	2600	120	360	3100	---	<1000	---	---	---	---
GMW-18	04/21/04	---	45000	---	---	---	2700	<50	380	4288	---	<50	---	---	---	---
GMW-18	11/04/04	---	51000	---	---	---	1300	<3	220	2400	---	<50	---	---	---	---
GMW-18	05/06/05	---	5900	---	---	---	1100	22	140	1200	---	<50	---	---	---	---
GMW-18	11/08/05	---	17000	---	---	---	650	11	17	470	---	<100	---	---	---	---
GMW-18	05/04/06	---	19000	---	---	---	200	1.9	15	100	---	6.9	---	---	---	---
GMW-18	12/08/06	---	6800	---	---	---	320	<0.50	25	190	---	11	---	---	---	---
GMW-18	05/03/07	---	10000	---	---	---	200	<2.5	13	56	---	<25	---	---	---	---
GMW-18	11/15/07	---	1900	---	---	---	160	<0.50	4.1	26	---	5.5	---	---	---	---
GMW-18	04/17/08	---	3400	---	---	---	180	0.87	13	100	---	6.7	---	---	---	---
GMW-18	10/16/08	---	---	---	---	2800	33	<0.50	2.2	10.64	<0.50	4.7	12	<2	<2	<2
GMW-18	04/23/09	880	---	---	---	1100	60	<0.50	1.4	5	<0.50	3	13	<2	<2	<2
GMW-18	10/20/09	---	---	---	---	2700	15	<0.50	0.55	5.55	<0.50	7	13	<2	<2	<2
GMW-18	04/16/10	1500	---	---	---	7200	80	0.84	0.49 J	1.57	---	7.3	43	<2	<2	<2
GMW-18	04/20/12	2100	---	---	---	4700	67	0.4 J	1.1	5.89	1.7	3.5	57	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-18	07/10/12	---	---	---	---	7800	94	0.42 J	0.94	3.89	<0.50	3.9	27	<2	<2	<2
GMW-18	11/03/14	15000	---	230000	---	---	110	0.93	120	340	<0.50	4.2	<10	<2	<2	<2
GMW-18	04/21/15	4300	---	300000	---	---	290	<5	75	270	<5	<20	<100	<20	<20	<20
GMW-18	05/10/19	<100	---	1200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-18	05/11/20	<100	---	1600	---	---	<0.50	<0.50	0.55	1.9	<0.50	<1.2	11	<2.0	<2.0	<2.0
GMW-18	10/26/20	120	---	380	---	---	1.7	<0.50J	<0.50J	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	05/07/21	<100	---	220	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	11/08/21	<100	---	250	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	05/16/22	<100	---	430	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	11/27/96	3000	---	<500	<500	---	85	<2.5	23	<5	---	---	---	---	---	---
GMW-19	07/10/97	<50	---	<50	<50	---	2.5	<1	<1	<2	---	---	---	---	---	---
GMW-19	01/07/98	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	11/06/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-19	05/17/00	<300	<100	---	---	---	0.47	0.45	<0.30	0.95	---	---	---	---	---	---
GMW-19	12/01/00	<300	440	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	11/08/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	04/11/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-19	10/23/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	04/14/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-19	10/10/03	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	15	---	---	---	---
GMW-19	04/21/04	---	260	---	---	---	<0.50	<1	<1	<1	---	28	---	---	---	---
GMW-19	11/04/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	05/06/05	---	<100	---	---	---	<0.30	<0.30	<0.30	0.69	---	<5	---	---	---	---
GMW-19	11/08/05	---	<100	---	---	---	0.52	0.71	0.4	2	---	<5	---	---	---	---
GMW-19	05/04/06	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-19	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	05/03/07	---	210	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	11/15/07	---	<100	---	---	---	0.5	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-19	10/16/08	---	---	---	---	140	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-19	04/23/09	---	---	---	---	<100	0.7	<0.50	<0.50	<0.50	---	0.67	---	<0.50	<0.50	<0.50
GMW-19	10/20/09	---	---	---	---	<100	3.8	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
GMW-19	04/16/10	---	---	---	---	300	130	<0.50	0.66	<0.50	---	21	12	<2	<2	0.52 J
GMW-19	10/08/10	---	---	---	---	150	2.4	---	---	---	<0.50	2.7	<10	---	---	---
GMW-19	10/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-19	04/18/12	---	---	---	---	<100	3.8	<0.50	<0.50	<0.50	<0.50	0.88	<10	<2	<2	<2
GMW-19	10/15/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-19	04/10/13	---	---	1200 b	---	---	35	0.38 J	<0.50	0.35 J	<0.50	58	22	<2	<2	<2
GMW-19	10/07/13	<100	---	<100	---	---	0.81	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
GMW-19	04/14/14	<100	---	<100	---	---	2.8	<0.50	<0.50	<0.50	<0.50	0.83	<10	<2	<2	<2
GMW-19	10/28/14	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-19	04/28/15	490	---	1000	---	---	90	<0.50	0.5	0.55	<0.50	20	12	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-19	10/23/15	<100	---	390	---	---	9.2	<0.50	<0.50	<1	<0.50	17	<10	<2	<2	<2
GMW-19	04/21/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-19	10/03/17	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.5	<10	<2	<2	<2
GMW-19	04/18/18	<100	---	160	---	---	2.2	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
GMW-19	11/06/18	220	---	180	---	---	58	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-19	04/22/19	160	---	200	---	---	95	<0.50	<0.50	<1	<0.50	2.5	<10	<2	<2	<2
GMW-19	11/06/19	<100	---	<100	---	---	1.5	<1.0	<1.0	<2.0	<1.0	<1.2	<20	<4.0	<4.0	<4.0
GMW-19	05/06/20	<100	---	170	---	---	17	<0.50	<0.50	<1.0	<0.50	4.8	<10	<2.0	<2.0	<2.0
GMW-19	10/23/20	<100	---	140	---	---	2.3	<0.50	<0.50	<1.0	<0.50	2.3	<10	<2.0	<2.0	<2.0
GMW-19	05/06/21	150	---	420	---	---	52	<0.50	<0.50	<1.0	<0.50	4.2	<10	<2.0	<2.0	<2.0
GMW-19	11/08/21	<100	---	250	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	05/16/22	<100	---	190	---	---	6.4	<0.50	<0.50	<1.0	<0.50	1.2	<10	<2.0	<2.0	<2.0
GMW-20	11/27/96	1100	---	<500	<500	---	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---	---
GMW-20	07/10/97	160	---	1400	<1200	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-20	01/06/98	<500	---	1100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-20	05/21/98	400	---	---	---	---	<0.30	<0.50	<0.50	<0.10	<0.50	<0.50	---	---	---	---
GMW-20	11/05/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	05/27/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/18/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	05/17/00	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	---	---	---	---
GMW-20	05/09/01	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-20	04/24/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-20	10/20/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-20	10/05/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-20	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-21	11/03/14	1500	---	2500	---	---	11	1.6	31	170	<0.50	3.8	24	<2	<2	<2
GMW-21	04/29/15	300	---	2200	---	---	1.1	<0.50	<0.50	<1	<0.50	2.7	24	<2	<2	<2
GMW-21	04/14/16	170	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.8	<10	<2	<2	<2
GMW-21	10/10/16	130	---	2500	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.5	<10	<2	<2	<2
GMW-21	04/21/17	180	---	3300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-21	04/23/18	<100	---	3700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	39	<2	<2	<2
GMW-21	11/12/18	<100	---	4200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	11	<2	<2	<2
GMW-21	04/19/19	<100	---	3000	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.5	<10	<2	<2	<2
GMW-21	11/06/19	<100	---	4600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	21	<2.0	<2.0	<2.0
GMW-21	05/11/20	<100	---	470	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	10/23/20	<100	---	2600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	05/12/21	<100	---	570	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	11/05/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	05/09/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-22	10/04/10	4100	2200	---	---	---	1900	<10	55	38	<20	47	1300	50	<20	<20
GMW-22	10/14/11	28000	9000	---	---	---	13000	<100	470	200	<200	130	<2000	<200	<200	<200
GMW-22	04/20/12	46000	---	1300	---	---	20000	<100	650	130	<200	140	<2000	<200	<200	<200
GMW-22	10/18/12	32000	---	1300	---	---	16000	120	420	140	<200	180	<2000	<200	<200	<200

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-23	11/08/05	---	1900	---	---	---	<0.30	0.4	<0.30	<0.30	---	<5	---	---	---	---
GMW-23	10/31/14	34000	---	53000	---	---	11000	690	260	2100	<100	<50	<1000	<100	<100	<100
GMW-23	04/23/15	37000	---	240000	---	---	2100	870	490	5600	<30	<15	360	46	<30	<30
GMW-23	03/15/16	540	---	13000	---	---	4.6	<0.50	<0.50	2.4	<1	2.1	42	12	<1	<1
GMW-23	06/30/16	120	---	23000	---	---	2.7	<0.50	<0.50	2.1	<0.50	0.52	<10	<1	<1	<1
GMW-23	08/23/16	59	---	730	---	---	0.08	0.03	0.09	<0.50	0.18	0.76	42	13	0.2	<1
GMW-23	10/06/16	130	---	6100	---	---	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	14	4.8	<1	<1
GMW-23	10/06/17	230	---	17000	---	---	<0.50	<0.50	1.3	1.4	<0.50	<0.50	48	9.6	<1	<1
GMW-23	04/18/19	3100	---	40000	---	---	<1	<1	9.4	27	<2	<1	770	46	<2	<2
GMW-23	11/01/19	130	---	47000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	320	32	<1.0	<1.0
GMW-23	08/31/21	19000	---	790	---	---	130	10	340	3,400	<20	<10	<200	<20	<20	<20
GMW-24	04/29/11	70000	690000	---	---	---	19000	830	1700	4200	<200	530	<2000	<200	<200	<200
GMW-24	10/13/11	58000	17000	---	---	---	23000	2400	890	2600	<200	490	<2000	<200	<200	<200
GMW-25	10/08/10	15000	<49000	---	---	---	6900	<50	70	<50	<100	92	<1000	<100	<100	<100
GMW-25	04/14/11	12000	23000	---	---	---	6800	<25	<25	<25	<50	36	<500	<50	<50	<50
GMW-25	10/13/11	<20000	31000	---	---	---	9700	<100	220	<100	<200	<100	<2000	<200	<200	<200
GMW-25	06/30/16	90	---	480	---	---	<0.50	<0.50	<0.50	3.2	<0.50	1.7	22	2.3	<1	<1
GMW-25	08/23/16	<50	---	1300	---	---	0.09	0.08	0.11	<0.50	0.73	0.82	160	6.4	0.2	<1
GMW-25	10/06/16	70	---	780	---	---	<0.50	<0.50	<0.50	1.1	0.88	0.5	18	1.2	<1	<1
GMW-25	04/20/17	<500	---	3700	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-25	10/05/17	400	---	11000	---	---	<0.50	<0.50	<0.50	<0.50	1	0.64	23	1.5	<1	<1
GMW-25	04/19/18	950	---	14000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	11	<1	<1	<1
GMW-25	11/09/18	81	---	4300	---	---	<0.50J	<0.50J	<0.50J	<0.50J	<0.50J	<0.50J	<10J	<1J	<1J	<1J
GMW-25	04/19/19	170	---	4100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-25	11/01/19	98	---	2600	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-25	05/11/20	56	---	4000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-25	11/06/20	<50	---	420	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-25	05/05/21	<50	---	1100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1.0	<1.0	<1.0
GMW-25	11/03/21	64	---	3100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	<10	<1.0	<1.0	<1.0
GMW-25	05/13/22	<50	---	970	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1.0	<1.0	<1.0
GMW-26	11/27/96	---	---	---	---	---	46	2.7	18	8.8	110	950	---	---	---	---
GMW-26	07/10/97	430	---	<500	---	---	100	2.1	6.9	5.9	67	760	---	---	---	---
GMW-26	01/08/98	200	---	<500	---	---	23	11	5	<15	64	1200	---	---	---	---
GMW-26	05/22/98	500	---	---	---	---	<0.30	<0.50	<0.50	<0.10	260	460	---	---	---	---
GMW-26	11/17/98	1810	<100	---	---	---	310	<5	8	<5	<5	3460	---	---	---	---
GMW-26	05/07/99	2300	---	<500	---	---	490	26	70	140	<5	6100	---	---	---	---
GMW-26	11/19/99	6700	5700	---	---	---	3700	160	42	530	<25	8500	---	---	---	---
GMW-26	05/16/00	2000	490	---	---	---	1.9	<0.50	<0.50	<0.50	0.8	82	---	---	---	---
GMW-26	11/30/00	780	180	---	---	---	<0.50	<0.50	<0.50	<0.50	3.1	17	---	---	---	---
GMW-26	05/08/01	300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	13	390	---	---	---	---
GMW-26	11/06/01	<300	<100	---	---	---	0.7	<0.50	<0.50	<0.50	75	130	---	---	---	---
GMW-26	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	57	130	---	---	---	---
GMW-26	07/07/03	---	---	---	---	---	<0.50	<1	<1	<1	1.2	61	---	---	---	---
GMW-26	04/27/04	63	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	59	---	---	---	---
GMW-26	07/08/04	62	290	---	---	---	<0.50	<0.50	<0.50	<0.50	17	27	---	---	---	---
GMW-26	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	1.3	<1	<1

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Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-26	10/26/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	<10	<1	<1	<1
GMW-26	03/15/16	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.2	<10	2.3	<1	<1
GMW-26	04/14/16	<50	---	76	---	---	<0.50	<0.50	<0.50	<0.50	1.1	0.72	<10	1.4	<1	<1
GMW-26	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	0.59	<10	1.5	<1	<1
GMW-26	08/23/16	<50	---	77	---	---	0.01	0.01	0.09	<0.50	2.4	0.65	1.3	1.9	<1	<1
GMW-26	10/06/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.3	0.64	<10	2	<1	<1
GMW-26	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.66	<0.50	<10	<1	<1	<1
GMW-26	10/05/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	12	2.6	<1	<1
GMW-26	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	2.2	<1	<1
GMW-26	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-26	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	28	7.4	<1	<1
GMW-26	11/01/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	05/11/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	11/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	05/06/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-27	05/27/98	2800	---	---	---	---	940	6	4	11	76	1570	---	---	---	---
GMW-27	11/17/98	4220	4940	---	---	---	3200	<50	<50	<50	<50	530	---	---	---	---
GMW-27	05/07/99	6300	---	<500	---	---	3600	16	11	<10	<25	720	---	---	---	---
GMW-27	11/18/99	3300	1500	---	---	---	1100	<25	<25	<25	<25	1000	---	---	---	---
GMW-27	05/16/00	5500	3600	---	---	---	2600	<25	25	34	<25	1800	---	---	---	---
GMW-27	11/30/00	4900	4100	---	---	---	2100	<25	<25	<25	<25	1600	---	---	---	---
GMW-27	05/08/01	5300	4000	---	---	---	2600	<25	<25	<25	<25	2200	---	---	---	---
GMW-27	11/06/01	4100	1500	---	---	---	1600	6.4	6.7	27.6	<0.50	1900	---	---	---	---
GMW-27	04/09/02	4900	590	---	---	---	2300	<10	15	<10	<10	1800	---	---	---	---
GMW-27	10/23/02	590	680	---	---	---	1800	13	<10	13	<10	1400	---	---	---	---
GMW-27	04/08/03	4600	640	---	---	---	2700	<15	<15	17	<30	2000	---	---	---	---
GMW-27	10/07/03	10000	890	---	---	---	4400	<20	47	120	<40	1800	---	---	---	---
GMW-27	01/27/04	8100	480	---	---	---	3600	19	29	115	<30	1500	---	---	---	---
GMW-27	04/21/04	13000	1900	---	---	---	6200	<25	51	<25	<50	2500	---	---	---	---
GMW-27	07/08/04	1900	540	---	---	---	260	<2.5	<2.5	<2.5	<5	790	---	---	---	---
GMW-27	11/03/04	21000	1500	---	---	---	8800	<50	53	170	<100	700	---	---	---	---
GMW-27	05/06/05	1100	<100	---	---	---	440	<2.5	<2.5	4.3	<5	42	---	---	---	---
GMW-27	11/03/05	4100	330	---	---	---	2000	<10	<10	17	<20	250	---	---	---	---
GMW-27	05/09/06	5500	400	---	---	---	2800	<15	22	<15	<30	180	---	---	---	---
GMW-27	12/06/06	12000	740	---	---	---	6400	<50	120	<50	<100	210	---	---	---	---
GMW-27	05/02/07	13000	860	---	---	---	7400	<50	<50	<50	<100	230	---	---	---	---
GMW-27	11/13/07	11000	550	---	---	---	6000	<25	<25	<25	<50	57	---	---	---	---
GMW-27	04/18/08	380	270	---	---	---	130	<1.5	<1.5	<1.5	<3	21	---	---	---	---
GMW-27	08/14/08	1000	490	---	---	---	280	<1.5	1.5	1.6	<3	17	---	---	---	---
GMW-27	11/21/08	3100	340	---	---	---	1100	<10	<10	<10	<20	26	---	---	---	---
GMW-27	04/20/09	100	130	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	4.2	450	10	<1	<1
GMW-27	10/22/09	130	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.7	830	17	<1	<1
GMW-27	05/27/10	95	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	<10	10	<1	<1
GMW-27	10/07/10	130	<100	---	---	---	1.9	<0.50	<0.50	<0.50	<0.50	6.2	900	17	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-29	08/31/21	2200	---	12000	---	---	42	<5.0	170	130	<10	<5.0	<100	<10	<10	<10
GMW-30	03/15/16	9100	---	3500	---	---	1100	20	33	920	<10	<5	<100	<10	<10	<10
GMW-30	04/15/16	14000	---	2400	---	---	3600	16	85	860	<30	<15	<300	<30	<30	<30
GMW-30	06/30/16	1600	---	6400	---	---	34	0.88	1.5	6.7	1.4	3.4	33	8.6	<1	<1
GMW-30	08/23/16	400	---	1400	---	---	41	0.2	0.22	3.1	0.24	2.1	60	4	0.39	0.39
GMW-30	10/07/16	360	---	3600	---	---	24	0.6	2.6	3	1.2	2.3	27	6	<1	<1
GMW-30	10/06/17	280	---	3500	---	---	28	<0.50	1.7	4.6	<0.50	1.2	28	4.9	<1	<1
GMW-30	04/20/18	230	---	1300	---	---	7	<0.50	<0.50	10	<0.50	1.3	45	8.8	<1	<1
GMW-30	04/19/19	99	---	4000	---	---	2.5	<0.50	<0.50	<0.50	<0.50	0.86	31	7.9	<1	<1
GMW-30	11/01/19	<50	---	1300	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	20	6.2	<1.0	<1.0
GMW-30	05/11/20	<100	---	1700	---	---	3.7	<0.50	<0.50	<0.50	<0.50	<1.0	<10	1.3	<1.0	<1.0
GMW-30	11/06/20	<50	---	1100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-31	11/27/96	1100	---	<500	<500	---	<2.5	<2.5	<2.5	<5	---	---	---	---	---	---
GMW-31	07/10/97	55	---	550	<450	---	2	<1	<1	<2	---	---	---	---	---	---
GMW-31	01/07/98	<500	---	<100	<100	---	1.6	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	11/06/98	<300	<100	---	---	---	4.8	<0.30	3.5	<0.60	---	---	---	---	---	---
GMW-31	05/27/99	<300	1020	---	---	---	<0.30	<0.30	0.52	<0.60	---	---	---	---	---	---
GMW-31	11/18/99	<300	490	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	05/17/00	<300	470	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-31	12/01/00	530	680	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	05/10/01	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	11/07/01	<300	170	---	---	---	0.8	0.49	<0.30	<0.60	---	9.9	---	---	---	---
GMW-31	04/10/02	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-31	10/24/02	<300	<100	---	---	---	<0.30	0.49	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	04/14/03	---	647	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-31	10/10/03	---	200	---	---	---	0.39	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	04/22/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	11/06/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	05/07/05	---	<100	---	---	---	<0.30	0.64	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	11/08/05	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-31	05/05/06	---	<100	---	---	---	<0.30	0.79	0.5	2.4	---	<5	---	---	---	---
GMW-31	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	05/03/07	---	170	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	04/18/08	---	810	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-31	10/17/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-31	10/20/09	---	---	---	---	140	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<2	<2	<2
GMW-31	04/14/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	4.6 J	<2	<2	<2
GMW-31	10/08/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	6.5 J	---	---	---
GMW-31	04/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/08/13	---	---	120 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-31	10/07/13	<100	---	210 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/14/14	<100	---	170 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/29/14	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-31	04/28/15	<100	---	340	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-31	04/20/17	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	10/05/17	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	04/19/18	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	11/08/18	<100	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	04/17/19	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-31	10/29/19	<100	---	120	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	05/06/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	10/20/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
GMW-31	05/06/21	<100	---	290	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	11/05/21	<100	---	160	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	05/12/22	<100	---	170	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-32	11/27/96	430	---	<500	<500	---	13	<0.50	25	<1	---	---	---	---	---	---
GMW-32	07/10/97	63	---	1800	<1600	---	1.7	<1	<1	<2	---	---	---	---	---	---
GMW-32	01/06/98	<500	---	<100	<100	---	0.4	<0.30	0.7	<0.60	---	---	---	---	---	---
GMW-32	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-32	11/05/98	<300	<100	---	---	---	<0.30	<0.30	0.62	<0.60	---	---	---	---	---	---
GMW-32	11/06/98	---	158	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-32	05/27/99	<300	307	---	---	---	3.1	<0.30	5	1.4	---	---	---	---	---	---
GMW-32	11/18/99	<300	6500	---	---	---	4.3	<0.30	6.9	1.2	---	---	---	---	---	---
GMW-32	05/17/00	500	8600	---	---	---	8	3.4	16	14	---	---	---	---	---	---
GMW-32	11/30/00	330	2100	---	---	---	<0.30	<0.30	4.2	<0.60	---	<5	---	---	---	---
GMW-32	05/09/01	1000	9500	---	---	---	4.7	<0.30	1.2	2.8	---	<5	---	---	---	---
GMW-32	11/07/01	660	6900	---	---	---	4.2	0.63	5.7	2	---	<5	---	---	---	---
GMW-32	02/01/02	---	---	---	---	---	0.89	<0.50	0.53	0.69	<0.50	0.77	---	---	---	---
GMW-32	04/11/02	<300	210	---	---	---	1.5	<0.30	7.2	<0.60	---	<5	---	---	---	---
GMW-32	10/23/02	<300	1300	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	04/09/03	---	2100	---	---	---	<1	1.18	<1	<2	---	<3	---	---	---	---
GMW-32	10/10/03	---	530	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	04/21/04	---	1500	---	---	---	0.52	<1	<1	<1	---	<1	---	---	---	---
GMW-32	11/04/04	---	910	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-32	05/06/05	---	700	---	---	---	0.31	0.64	<0.30	0.76	---	<5	---	---	---	---
GMW-32	11/08/05	---	480	---	---	---	<0.30	0.41	<0.30	0.7	---	<5	---	---	---	---
GMW-32	05/04/06	---	690	---	---	---	0.46	0.39	0.62	1.4	---	<5	---	---	---	---
GMW-32	12/08/06	---	110	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	05/03/07	---	190	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	11/16/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	04/17/08	---	150	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-32	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/24/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/20/09	---	---	---	---	250	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/16/10	---	---	---	---	230	<0.50	<0.50	0.41 J	<0.50	---	<0.50	<10	<2	<2	<2
GMW-32	10/07/10	---	---	---	---	180	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-32	04/14/11	---	---	---	---	160	<0.50	<0.50	0.25 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/19/12	---	---	---	---	210	<0.50	<0.50	<0.50	0.26 J	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/19/12	---	---	---	---	1300	0.2 J	<0.50	0.14 J	0.32	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/10/13	---	---	1300 b	---	---	<0.50	<0.50	<0.50	0.3 J	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/08/13	<100	---	1200 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.3 J	<2	<2	<2
GMW-32	04/16/14	440 HD	---	1500 HD	---	---	<0.50	<0.50	0.41 J	0.8	<0.50	0.67	17	<2	<2	<2
GMW-32	10/30/14	290	---	1500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	13	<2	<2	<2
GMW-33	11/21/96	<38	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	---	---	---	---	---
GMW-33	07/10/97	<50	---	700	<400	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-33	01/06/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-33	05/20/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-33	11/05/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	05/27/99	<300	122	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/18/99	<300	120	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	05/17/00	<300	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/30/00	<300	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	05/09/01	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	11/07/01	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	02/01/02	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-33	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-34	11/18/99	9500	17000	---	---	---	30	3.5	8.3	81	<0.50	24	---	---	---	---
GMW-34	05/17/00	740	3700	---	---	---	<0.50	<0.50	1.5	11.4	<0.50	30	---	---	---	---
GMW-34	12/01/00	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	10	---	---	---	---
GMW-34	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.3	---	---	---	---
GMW-34	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
GMW-34	04/12/02	960	1500	---	---	---	240	1.4	33	81	<0.50	2.5	---	---	---	---
GMW-35	05/09/01	20000	22000	---	---	---	1300	11	580	4100	<10	<10	---	---	---	---
GMW-35	04/10/03	---	15600	---	---	---	65.2	30.6	109	159	---	<3	---	---	---	---
GMW-35	10/10/03	---	16000	---	---	---	100	<15	120	650	---	<250	---	---	---	---
GMW-35	04/21/04	---	19000	---	---	---	110	<1	45	7.3	---	1.5	---	---	---	---
GMW-35	11/04/04	---	18000	---	---	---	62	<3	13	28	---	<50	---	---	---	---
GMW-35	05/05/05	---	4700	---	---	---	10	1.4	33	22	---	<10	---	---	---	---
GMW-35	11/05/05	---	3100	---	---	---	9.1	2.2	31	17	---	<25	---	---	---	---
GMW-35	05/03/06	---	17000	---	---	---	7.9	2.9	20	12	---	<5	---	---	---	---
GMW-35	12/08/06	---	4800	---	---	---	14	<0.50	9	6.9	---	<5	---	---	---	---
GMW-35	05/04/07	---	4700	---	---	---	21	0.86	1.3	5.3	---	6.1	---	---	---	---
GMW-35	11/15/07	---	2400	---	---	---	26	<0.50	<0.50	<1	---	7.7	---	---	---	---
GMW-35	04/17/08	---	1300	---	---	---	18	<0.50	1.8	2.5	---	<5	---	---	---	---
GMW-35	04/24/09	---	---	---	---	520	63	<5	<5	<5	---	210	---	<5	<5	<5
GMW-35R	04/16/10	---	---	---	---	1900	180	0.88 J	1.5	0.7	---	13	2200	<4	<4	<4
GMW-35R	10/09/17	160	---	1400	---	---	9.4	<0.50	<0.50	<1	<0.50	5	770	<2	<2	<2
GMW-35R	04/23/18	160 J	---	1100	---	---	16	<0.50	<0.50	<1	<0.50	2.9	360	<2	<2	<2
GMW-35R	11/12/18	450	---	2100	---	---	48	<0.50	<0.50	0.67	<0.50	2.3	260	<2	<2	<2
GMW-35R	04/22/19	190	---	1300	---	---	<2.5	<2.5	<2.5	<5	<2.5	<5	600	<10	<10	<10
GMW-35R	11/06/19	220	---	1200	---	---	11	<1.0	<1.0	<2.0	<1.0	6.3	720	<4.0	<4.0	<4.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-38	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/15/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/19/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/29/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	05/07/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	11/21/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-39	07/10/97	<100	---	<500	---	---	<0.50	0.5	<0.50	<1	<0.50	<5	---	---	---	---
GMW-39	01/05/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-39	05/19/98	---	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	0.9	---	---	---	---
GMW-39	11/12/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	---	---	---	---
GMW-39	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.9	---	---	---	---
GMW-39	11/18/99	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	12	---	---	---	---
GMW-39	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.4	---	---	---	---
GMW-39	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
GMW-39	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-39	11/06/01	<300	<100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	39	---	---	---	---
GMW-39	02/01/02	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	36	---	---	---	---
GMW-39	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	20	---	---	---	---
GMW-39	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	89	---	---	---	---
GMW-39	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	32	---	---	---	---
GMW-39	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	23	---	---	---	---
GMW-39	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
GMW-39	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	---	---	---	---
GMW-39	01/28/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	---	---	---	---
GMW-39	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	---	---	---	---
GMW-39	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
GMW-39	11/03/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
GMW-39	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
GMW-39	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
GMW-39	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-39	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-39	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	---	---	---	---	
GMW-39	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	
GMW-39	09/19/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---	
GMW-39	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	---	---	---	---	
GMW-39	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.5	---	---	---	---	
GMW-39	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---	
GMW-39	08/29/07	<500	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	3.6	---	---	---	---	
GMW-39	11/13/07	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.6	---	---	---	---	
GMW-39	02/20/08	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---	
GMW-39	04/16/08	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---	
GMW-39	08/14/08	<100	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.1	---	---	---	---	
GMW-39	10/15/08	<500	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	5.6	---	---	---	---	
GMW-39	02/24/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3400	---	---	---	
GMW-39	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4000	<1	<1	<1	
GMW-39	07/21/09	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	2500	<1	<1	<1	
GMW-39	10/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	2200	<1	<1	<1	
GMW-39	03/16/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	130	<1	<1	<1	
GMW-39	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	07/13/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	230	<1	<1	<1	
GMW-39	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	550	<1	<1	<1
GMW-39	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	68	<1	<1	<1	
GMW-39	04/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	07/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	96	<1	<1	<1	
GMW-39	01/10/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	58	<1	<1	<1	
GMW-39	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	38	<1	<1	<1	
GMW-39	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	47	<1	<1	<1	
GMW-39	01/15/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	54	<1	<1	<1
GMW-39	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	420	<1	<1	<1
GMW-39	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	20	<1	<1	<1	
GMW-39	10/30/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<10	<1	<1	<1
GMW-39	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	<10	<1	<1	<1
GMW-39	10/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	04/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1	<1	<1
GMW-39	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<1	<1	<1	
GMW-39	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	04/19/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1	
GMW-39	10/29/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	
GMW-39	05/07/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-39	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	370	<1.0	<1.0	<1.0
GMW-39	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-40	11/27/96	400	---	<500	<500	---	0.5	<0.50	5.8	5.9	<0.50	<5	---	---	---	---
GMW-40	07/10/97	210	---	2600	<300	---	---	---	---	---	---	---	---	---	---	---
GMW-40	01/07/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-40	05/21/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-40	11/05/98	<300	<100	---	---	---	<0.50	<0.50	3.8	7.6	<0.50	<0.50	---	---	---	---
GMW-40	05/26/99	<300	<100	---	---	---	0.9	<0.50	<0.50	<0.50	<0.50	4.4	---	---	---	---
GMW-40	11/18/99	<300	220	---	---	---	2.8	<0.50	0.9	2.8	<0.50	9.3	---	---	---	---
GMW-40	05/17/00	<300	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	11	---	---	---	---
GMW-40	12/01/00	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-40	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-40	11/08/01	<300	<100	---	---	---	<0.50	<0.50	1.1	3.1	<0.50	19	---	---	---	---
GMW-40	04/12/02	<300	<100	---	---	---	1.7	<0.50	0.7	0.9	<0.50	17	---	---	---	---
GMW-40	04/16/03	---	<100	---	---	---	5.17	<0.50	2.74	4.65	<0.50	54.7	---	---	---	---
GMW-40	10/08/03	---	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	52	---	---	---	---
GMW-40	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	39	<10	<2	<2	<2
GMW-40	11/06/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	05/07/05	---	<100	---	---	---	<0.50	<0.50	<0.50	0.7	<0.50	0.76	<10	<2	<2	<2
GMW-40	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<2	<2	<2
GMW-40	05/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.9	<10	<2	<2	<2
GMW-40	12/08/06	---	110	---	---	---	0.87	<0.50	<0.50	13.7	<0.50	15	<10	<2	<2	<2
GMW-40	05/03/07	---	440	---	---	---	3.7	<0.50	2.2	27	<0.50	46	63	<2	<2	<2
GMW-40	11/16/07	---	<100	---	---	---	0.61	<0.50	1.9	8.4	<0.50	<0.50	<10	<2	<2	<2
GMW-40	04/18/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/17/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<2	<2	<2
GMW-40	04/24/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.4 J	<10	<2	<2	<2
GMW-40	04/14/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-40	10/06/10	<50	<100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-40	10/08/13	120 HD	---	460 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	04/14/14	<100	---	240 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/29/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-40	04/22/15	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-40	10/05/16	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	11/27/96	250	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---	---
GMW-41	07/10/97	75	---	1200	<1000	---	<5	<5	<5	<5	<5	<5	---	---	---	---
GMW-41	01/07/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-41	05/21/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-41	11/05/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
GMW-41	05/26/99	<300	116	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/18/99	<300	390	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	05/17/00	<300	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/30/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-41	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	04/12/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
GMW-41	10/24/02	<300	1000	---	---	---	<0.50	<1	<1	<1	<0.50	1.1	---	---	---	---
GMW-41	04/16/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-41	10/08/03	---	350	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	---	---	---	---
GMW-41	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	<10	<2	<2	<2
GMW-41	11/06/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	<10	<2	<2	<2
GMW-41	05/07/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	05/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<2	<2	<2
GMW-41	11/16/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/18/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/17/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.43 J	<10	<2	<2	<2
GMW-41	04/14/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	0.33 J	5.7 J	<2	<2	<2
GMW-41	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-41	10/06/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-41	04/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.4 J	<2	<2	<2
GMW-41	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5 J	<10	<2	<2	<2
GMW-41	10/28/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-41	04/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.2	<10	<2	<2	<2
GMW-41	10/05/16	<100	---	330	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	04/20/17	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	04/20/18	<100	---	690 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	11/06/18	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	04/17/19	<100	---	140 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-41	10/31/19	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	05/06/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	10/20/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
GMW-41	05/04/21	<100	---	170	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	11/04/21	<100	---	230	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	05/16/22	<100	---	200	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	11/05/98	7530	3340	---	---	---	800	<7.5	55	810	---	---	---	---	---	---
GMW-42	05/27/99	6510	14200	---	---	---	1100	110	60	580	---	---	---	---	---	---
GMW-42	11/18/99	7900	17000	---	---	---	810	490	180	1200	---	---	---	---	---	---
GMW-42	05/17/00	3800	20000	---	---	---	9.9	1.2	26	230	---	---	---	---	---	---
GMW-42	12/01/00	380	2700	---	---	---	1	<0.30	<0.30	<0.60	---	18	---	---	---	---
GMW-42	05/10/01	490	620	---	---	---	24	40	11	79	---	5.3	---	---	---	---

Appendix A. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-42	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	1.6	---	<5	---	---	---	---
GMW-42	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	7	---	---	---	---
GMW-42	10/09/13	<100	---	120 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-42	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-42	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-42	04/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-42	04/17/17	<100	---	<100	---	---	<0.50	<0.50	1.6	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	10/03/17	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	04/20/18	<100	---	140 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	11/08/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10J	<2	<2	<2
GMW-42	04/17/19	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-42	10/29/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	05/06/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	10/20/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
GMW-42	05/04/21	<100	---	130	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	11/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	05/10/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	11/27/96	620	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-43	07/10/97	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-43	01/07/98	<500	---	<100	<100	---	0.3	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	11/05/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-43	05/17/00	<300	170	---	---	---	0.92	<0.30	0.45	<0.60	---	---	---	---	---	---
GMW-43	11/30/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	11/07/01	<300	150	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	04/11/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-43	10/23/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	04/14/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-43	10/08/03	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	04/21/04	---	<100	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
GMW-43	11/06/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	05/10/05	---	<100	---	---	---	<0.30	0.68	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	11/08/05	---	200	---	---	---	<0.30	0.47	<0.30	0.31	---	<5	---	---	---	---
GMW-43	05/04/06	---	180	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-43	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-43	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	8	---	---	---	---
GMW-43	11/15/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-43	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-43	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-43	10/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/15/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-43	10/08/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---

Appendix A. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-43	04/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	19	<2	<2	<2
GMW-43	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/08/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/07/13	<100	---	180 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-43	04/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-43	04/17/17	<100	---	550	---	---	<0.50	<0.50	0.98	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	04/18/18	<100	---	660	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	11/06/18	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	04/19/19	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-43	10/31/19	<100	---	300	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/06/20	<100	---	190	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	10/22/20	<100	---	390 J	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/10/21	<100	---	250	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	11/08/21	<100	---	220	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/19/22	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	11/27/96	820	---	<500	<500	---	<0.50	<0.50	<0.50	<1	---	---	---	---	---	---
GMW-44	07/10/97	68	---	1100	<1000	---	<0.50	<1	<1	<2	---	---	---	---	---	---
GMW-44	01/06/98	<500	---	700	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	11/05/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	11/18/99	<300	310	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-44	05/17/00	<300	240	---	---	---	<0.30	<0.30	<0.30	1.9	---	---	---	---	---	---
GMW-44	11/30/00	<300	280	---	---	---	0.98	<0.30	0.95	<0.60	---	<5	---	---	---	---
GMW-44	05/09/01	<300	190	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-44	11/07/01	<300	270	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-44	04/11/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-44	10/23/02	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	04/14/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-44	10/08/03	---	230	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	04/21/04	---	160	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
GMW-44	11/04/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	05/06/05	---	120	---	---	---	0.45	0.68	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	11/08/05	---	<100	---	---	---	<0.30	<0.30	<0.30	0.39	---	<5	---	---	---	---
GMW-44	05/04/06	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
GMW-44	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	05/04/07	---	160	---	---	---	<0.50	<0.50	<0.50	<1	---	8.3	---	---	---	---
GMW-44	11/15/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
GMW-44	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	<0.50	<0.50	<0.50
GMW-44	10/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-44	04/15/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	<10	<2	<2	<2
GMW-44	10/08/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-44	04/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<2	<2	<2
GMW-44	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/08/13	---	---	100 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/14/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-44	04/22/15	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-44	10/05/16	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/20/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	10/03/17	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/18/18	160	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	11/06/18	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	04/19/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-44	10/29/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	05/06/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	10/20/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
GMW-44	05/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	11/02/21	<100	---	130	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	05/12/22	<100	---	130	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	11/22/96	23000	---	<500	<500	---	1100	230	580	2900	<0.50	---	---	---	---	---
GMW-45	07/09/97	1100	---	2700	<2000	---	330	<5	280	930	---	---	---	---	---	---
GMW-45	01/06/98	3200	---	3400	4700	---	286	1.3	188	543	---	---	---	---	---	---
GMW-45	05/20/98	4200	---	---	---	---	270	221	109	569	---	---	---	---	---	---
GMW-45	11/05/98	1400	<100	---	---	---	81	<0.30	40	75	---	---	---	---	---	---
GMW-45	05/27/99	3750	3890	---	---	---	420	<0.60	180	390	---	---	---	---	---	---
GMW-45	11/18/99	3960	3100	---	---	---	380	<3	140	100	---	---	---	---	---	---
GMW-45	05/17/00	5200	5500	---	---	---	620	8	87	37	---	---	---	---	---	---
GMW-45	11/29/00	2400	3100	---	---	---	330	1.3	6	4	---	<10	---	---	---	---
GMW-45	05/09/01	6500	4100	---	---	---	620	74	51	420	---	<50	---	---	---	---
GMW-45	11/07/01	5700	3000	---	---	---	730	<3	8.5	19	---	<50	---	---	---	---
GMW-45	04/10/02	9800	6500	---	---	---	900	21	69	240	---	240	---	---	---	---
GMW-45	10/23/02	3200	1300	---	---	---	770	5.5	120	290	---	<5	---	---	---	---
GMW-45	04/10/03	---	1570	---	---	---	344	10.8	5.56	10.1	---	<6	---	---	---	---
GMW-45	10/08/03	---	3400	---	---	---	470	<0.60	6.5	3.7	---	<10	---	---	---	---
GMW-45	04/21/04	---	1400	---	---	---	140	<1	2.5	<1	---	<1	---	---	---	---
GMW-45	11/04/04	---	1500	---	---	---	84	<0.30	3	2.9	---	<5	---	---	---	---
GMW-45	05/05/05	---	6900	---	---	---	670	17	520	720	---	<50	---	---	---	---
GMW-45	11/05/05	---	2200	---	---	---	340	0.46	130	250	---	10	---	---	---	---
GMW-45	05/03/06	---	2400	---	---	---	76	4.1	11	16	---	<5	---	---	---	---
GMW-45	12/05/06	---	1200	---	---	---	67	1.9	3.6	6.4	---	<5	---	---	---	---
GMW-45	05/02/07	---	1500	---	---	---	37	0.56	2	3	---	11	---	---	---	---
GMW-45	11/14/07	---	590	---	---	---	42	<0.50	<0.50	<1	---	9.6	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-45	04/16/08	---	1500	---	---	---	21	0.52	1.4	2.9	---	<5	---	---	---	---
GMW-45	10/15/08	---	---	---	---	730	9.7	<0.50	1.9	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-45	04/21/09	---	---	---	---	1200	11	<2	<2	<2	---	<2	---	---	---	---
GMW-45	10/21/09	---	---	---	---	1600	15	<0.50	2.2	<0.50	<0.50	<0.50	11	<2	<2	<2
GMW-45	04/12/10	---	---	---	---	1700	85	<0.50	2.6	0.28	---	<0.50	11	<2	<2	<2
GMW-45	10/07/10	---	---	---	---	1400	53	---	---	---	<0.50	<0.50	15	---	---	---
GMW-45	04/14/11	---	---	---	---	1400	150	<0.50	3.6	0.94	<0.50	<0.50	<10	<2	<2	<2
GMW-45	10/11/11	---	---	---	---	1600	43	<0.33	1.8	0.29 J	<0.50	<0.50	41	<2	<2	<2
GMW-45	04/19/12	---	---	---	---	1700	28	0.24 J	1.9	0.8 J	<0.50	<0.50	28	<2	<2	<2
GMW-45	10/17/12	---	---	---	---	1300	44	<0.50	1.6	<0.50	<0.50	<0.50	20	<2	<2	<2
GMW-45	04/11/13	---	---	3400 b	---	---	24	<0.50	1.4	0.59 J	<0.50	<0.50	13	<2	<2	<2
GMW-45	10/30/14	1500	---	3700	---	---	0.78	<0.50	0.52	<1	<0.50	<2	<10	<2	<2	<2
GMW-45	10/10/16	2200	---	4500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-45	05/10/19	3500	---	25000	---	---	90	2.5	42	380	<0.50	<1	<10	<2	<2	<2
GMW-45	11/07/19	4300	---	9400	---	---	99	3.6	49	269.6	<2.5	<1.2	<50	<10	<10	<10
GMW-45	05/11/20	1500	---	2700	---	---	31	<5.0	87	140	<5.0	<12	<100	<20	<20	<20
GMW-45	10/26/20	2700	---	720	---	---	54	<2.5J	29 J	80	<2.5	<6.0	<50	<10	<10	<10
GMW-45	05/10/21	1200	---	1900	---	---	1.1	<1.0	<1.0	<2.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-45	11/08/21	230	---	790	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	05/19/22	270	---	1500	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-47	11/27/96	9600	---	<500	<500	---	1800	<25	160	660	---	---	---	---	---	---
GMW-47	07/09/97	420	---	93	<400	---	350	<1	170	79	---	---	---	---	---	---
GMW-47	01/06/98	1900	---	<100	1800	---	438	11	75	253	<2.5	<2.5	---	---	---	---
GMW-47	05/20/98	<300	---	---	---	---	1	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-47	11/05/98	1700	<100	---	---	---	910	4.9	18	140	---	---	---	---	---	---
GMW-47	05/26/99	<300	<100	---	---	---	130	<0.30	0.33	3	---	---	---	---	---	---
GMW-47	11/18/99	2100	1200	---	---	---	1100	0.77	5.8	27	---	---	---	---	---	---
GMW-47	05/17/00	7200	8000	---	---	---	2300	700	200	1100	---	---	---	---	---	---
GMW-47	11/29/00	990	1100	---	---	---	280	0.59	2.2	<0.60	---	<5	---	---	---	---
GMW-47	03/30/01	---	<50	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-47	05/09/01	7600	4100	---	---	---	1400	110	55	590	---	16	---	---	---	---
GMW-47	11/07/01	1500	350	---	---	---	410	8.2	8.7	150	---	<50	---	---	---	---
GMW-47	04/10/02	4100	1200	---	---	---	710	150	9.2	360	---	<25	---	---	---	---
GMW-47	10/23/02	4000	2900	---	---	---	430	<5	26	99.9	<2.5	<5	---	---	---	---
GMW-47	04/09/03	---	<100	---	---	---	1.37	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-47	09/18/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-47	10/08/03	140	380	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-47	02/21/04	---	---	---	<100	---	4.2	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-47	04/21/04	160	640	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/21/04	330	330	---	---	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-47	11/03/04	<100	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/02/05	170	110	---	---	---	33	<1	5.8	<1	---	<1	---	---	---	---
GMW-47	05/05/05	420	530	---	---	---	22	<0.50	6	17.55	<0.50	<0.50	<10	<2	<2	<2
GMW-47	08/04/05	<100	110	---	---	---	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	11/05/05	<100	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/08/06	<100	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-47	05/03/06	<100	340	---	---	---	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/28/06	<100	440	---	---	---	0.95	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	12/05/06	<100	200	---	---	---	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/23/07	<100	420	---	---	---	11	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	05/02/07	<100	320	---	---	---	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	08/31/07	<100	400	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	11/13/07	<100	180	---	---	---	0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	02/07/08	<100	290	---	---	---	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	04/16/08	<100	270	---	---	---	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/29/08	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	10/15/08	<100	---	---	---	300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	02/12/09	170	---	---	---	460	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	04/20/09	180	---	---	---	730	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/20/09	200	---	---	---	1400	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<2	<2	<2
GMW-47	10/19/09	170	---	---	---	1200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<2	<2	<2
GMW-47	01/11/10	---	---	---	---	1300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	<2	<2	<2
GMW-47	04/19/10	---	---	---	---	930	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	13	<2	<2	<2
GMW-47	10/06/10	---	---	---	---	1800	0.35 J	---	---	---	<0.50	<0.50	16	---	---	---
GMW-47	01/11/11	---	---	---	---	1600	5.2	<0.50	0.75	<0.50	<0.50	1.2	17	<2	<2	<2
GMW-47	04/14/11	---	---	---	---	1800	0.36 J	<0.50	0.27 J	<0.50	<0.50	2.6	<10	<2	<2	<2
GMW-47	07/12/11	---	---	---	---	3000	0.54	<0.50	0.58	<0.50	<0.50	3.8	32	<2	<2	<2
GMW-47	10/11/11	---	---	---	---	3900	0.55	<0.50	0.99	0.32 J	<0.50	6.1	46	<2	<2	<2
GMW-47	01/10/12	---	---	---	---	2900	0.63	<0.50	0.74	0.36 J	<0.50	7.9	110	<2	<2	<2
GMW-47	04/20/12	---	---	---	---	2300	0.52	<0.50	0.68	0.31 J	<0.50	5	310	<2	<2	<2
GMW-47	07/10/12	---	---	---	---	2600	0.15 J	<0.50	0.29 J	0.31	<0.50	6.5	250	<2	<2	<2
GMW-47	10/17/12	---	---	---	---	1400	0.46 J	<0.50	0.17 J	<0.50	<0.50	4.5	310	<2	<2	<2
GMW-47	01/15/13	---	---	580 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	320	<2	<2	<2
GMW-47	04/11/13	---	---	1500 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.4	150	<2	<2	<2
GMW-47	10/08/13	<100	---	990 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	490	<2	<2	<2
GMW-47	04/16/14	<100	---	1500 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6	280	<2	<2	<2
GMW-47	10/29/14	<100	---	2100	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.8	130	<2	<2	<2
GMW-47	04/28/15	<100	---	2100	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.9	350	<2	<2	<2
GMW-47	10/26/15	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1	<0.50	4.8	31	<2	<2	<2
GMW-47	04/14/16	<100	---	450	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.7	<10	<2	<2	<2
GMW-47	10/07/16	<100	---	2000	---	---	<0.50	<0.50	<0.50	<1	<0.50	4.9	120	<2	<2	<2
GMW-47	04/21/17	<100	---	860	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-47	10/04/17	<100	---	980	---	---	<0.50	<0.50	<0.50	<1	<0.50	8.6	410	<2	<2	<2
GMW-47	04/23/18	<100	---	890	---	---	0.61	<0.50	<0.50	<1	<0.50	6.5	220	<2	<2	<2
GMW-47	11/12/18	<100	---	2400	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.2	24	<2	<2	<2
GMW-47	04/22/19	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.6	<10	<2	<2	<2
GMW-47	05/10/19	<100	---	2100	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.2	250	<2	<2	<2
GMW-47	11/06/19	<100	---	600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	2.0	58	<2.0	<2.0	<2.0
GMW-47	05/08/20	170	---	1800	---	---	1.2	<0.50	<0.50	<1.0	<0.50	14	1100	<2.0	<2.0	<2.0
GMW-47	10/26/20	130	---	750	---	---	<0.50	<0.50J	<0.50J	<1.0	<0.50	5.1	<10	<2.0	<2.0	<2.0
GMW-47	05/10/21	140	---	790	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-47	11/05/21	240	---	590	---	---	15	<0.50	<0.50	<1.0	<0.50	<1.2	27	<2.0	<2.0	<2.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-47	05/12/22	440	---	650	---	---	48	<0.50	<0.50	<1.0	<0.50	1.5	17	<2.0	<2.0	<2.0
GMW-48	11/22/96	56000	---	<500	<500	---	10000	1800	1500	6900	0.8	---	---	---	---	---
GMW-48	10/09/13	1200 HD	---	3100 HD	---	---	450	0.49 J	1.3	1.48	<0.50	0.78	32	<2	<2	<2
GMW-48	04/17/14	1800 HD	---	1900 HD	---	---	400	<1.2	1.7	1.27	<1.2	<1.2	44	<5	<5	<5
GMW-48	10/31/14	2600	---	3100	---	---	450	<0.50	2.1	<1	<0.50	<2	21	<2	<2	<2
GMW-48	04/29/15	1000	---	2400	---	---	300	<2.5	2.5	<5	<2.5	<10	<50	<10	<10	<10
GMW-48	10/26/15	1500	---	1800	---	---	170	<2.5	18	130	<2.5	<10	<50	<10	<10	<10
GMW-48	10/11/16	470	---	1100	---	---	200	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-48	04/21/17	460	---	1500	---	---	190	<0.50	0.5	<1	<0.50	<1	<10	<2	<2	<2
GMW-48	10/09/17	360	---	1400	---	---	190	<1	<1	<2	<1	<2	<20	<4	<4	<4
GMW-48	04/23/18	280	---	810	---	---	130	<2.5	<2.5	<5	<2.5	<5	<50	<10	<10	<10
GMW-48	11/15/18	150	---	690	---	---	1	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-48	04/18/19	<100	---	500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-48	10/30/19	<100	---	450	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	05/08/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	10/21/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	05/05/21	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	11/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	05/10/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-4R	04/18/17	84	---	70	---	---	6.1	<0.50	2.2	1.2	<0.50	0.74	<10	<1	<1	<1
GMW-4R	10/05/17	<50	---	70	---	---	1.3	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1	<1	<1
GMW-4R	04/19/18	100	---	50	---	---	1.1	<0.50	1.2	0.55	<0.50	0.68	<10	<1	<1	<1
GMW-4R	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-4R	04/18/19	<50	---	<50	---	---	<0.50	<0.50	1.6	0.56	<0.50	<0.50	<10	<1	<1	<1
GMW-4R	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	05/08/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	11/05/20	<50	---	58	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	11/02/21	120	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<10	<1.0	<1.0	<1.0
GMW-4R	05/12/22	<50	---	190	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.92	<10	<1.0	<1.0	<1.0
GMW-50	01/10/12	---	---	---	---	820	48	<0.50	0.24 J	2.5	<0.50	0.47 J	9.6 J	<2	<2	<2
GMW-50	04/14/16	<100	---	440	---	---	35	<0.50	<0.50	<1	<0.50	1.3	<10	<2	<2	<2
GMW-54	04/22/15	<100	---	1800	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.3	<10	<2	<2	<2
GMW-54	04/21/17	<100	---	850	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	11/05/98	<300	<100	---	---	---	<0.30	<0.30	16	<0.60	---	---	---	---	---	---
GMW-56	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	05/17/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
GMW-56	11/29/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
GMW-56	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	12	---	---	---	---
GMW-56	04/10/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-56	10/08/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-56	04/21/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/04/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-56	05/05/05	---	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/05/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/03/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/02/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/16/08	---	<100	---	---	---	<0.50	<0.50	<0.50	0.94	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2 J	<2	<2	<2
GMW-56	04/12/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/15/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/08/13	<100	---	190 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/27/14	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-56	04/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-56	04/13/16	<100	---	<100	---	---	<0.50	<0.50	0.62	0.73	<0.50	<1	<10	<2	<2	<2
GMW-56	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	10/03/17	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	04/17/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	11/05/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	04/16/19	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-56	10/29/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	05/05/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	10/21/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	05/06/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	11/03/21	<100	---	130	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	05/11/22	<100	---	160	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-57	11/05/98	<300	<100	---	---	---	12	0.63	4.5	0.97	---	---	---	---	---	---
GMW-57	05/26/99	379	<100	---	---	---	150	15	12	55	---	---	---	---	---	---
GMW-57	11/18/99	4000	3600	---	---	---	950	240	150	750	---	---	---	---	---	---
GMW-57	05/17/00	17000	<100	---	---	---	3200	2200	750	4300	---	---	---	---	---	---
GMW-57	11/29/00	11000	7100	---	---	---	2300	21	340	1800	---	<100	---	---	---	---
GMW-57	03/30/01	---	1800	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-57	05/09/01	28000	12000	---	---	---	3300	3100	690	3600	---	<50	---	---	---	---
GMW-57	11/07/01	19000	11000	---	---	---	3900	1600	390	3400	---	<500	---	---	---	---
GMW-57	04/10/02	5000	5300	---	---	---	720	150	8.2	360	<2.5	<2.5	---	---	---	---
GMW-57	10/23/02	1700	2000	---	---	---	690	<0.30	3.2	5.7	---	<5	---	---	---	---
GMW-57	04/09/03	---	<100	---	---	---	<1	<1	<1	<2	---	<3	---	---	---	---
GMW-57	09/18/03	---	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-57	10/11/03	200	650	---	---	---	47	<0.50	0.57	<0.50	<0.50	<0.50	---	---	---	---
GMW-57	02/21/04	---	---	---	470	---	190	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
GMW-57	04/21/04	110	710	---	---	---	21	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/21/04	340	720	---	---	---	48	<0.50	<0.50	<0.50	---	<0.50	270	57	54	50
GMW-57	11/03/04	120	270	---	---	---	22	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-57	03/02/05	400	170	---	---	---	190	<1	2.5	<1	---	<1	---	---	---	---
GMW-57	05/05/05	280	170	---	---	---	57	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	08/04/05	170	430	---	---	---	120	<0.50	0.54	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	11/05/05	120	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/08/06	180	180	---	---	---	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	05/03/06	<100	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/28/06	180	1100	---	---	---	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	12/05/06	<100	290	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/23/07	120	540	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	05/02/07	120	720	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	08/31/07	110	700	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	11/13/07	160	450	---	---	---	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	02/07/08	150	720	---	---	---	4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/16/08	<100	540	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/29/08	<100	390	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/15/08	<100	---	---	---	210	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	02/12/09	<100	---	---	---	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/20/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/21/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/19/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.1 J	<2	<2	<2
GMW-57	01/11/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/12/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/06/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-57	01/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/11/11	---	---	---	---	<100	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/11/11	---	---	---	---	130	10	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/11/11	---	---	---	---	<100	1.6	<0.50	<0.50	0.48 J	<0.50	<0.50	<10	<2	<2	<2
GMW-57	01/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/17/12	---	---	---	---	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/09/12	---	---	---	---	330	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/16/12	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	01/14/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/08/13	---	---	180 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
GMW-57	10/08/13	<100	---	140 HD	---	---	0.34 J	<0.50	<0.50	0.99	<0.50	0.74	<10	<2	<2	<2
GMW-57	04/16/14	<100	---	340 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<2	<2	<2
GMW-57	10/29/14	140	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-57	04/28/15	<100	---	310	---	---	<0.50	<0.50	<0.50	<1	<0.50	3	<10	<2	<2	<2
GMW-57	10/22/15	<100	---	440	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-57	04/13/16	<100	---	400	---	---	<0.50	<0.50	0.8	2.8	<0.50	<1	<10	<2	<2	<2
GMW-57	10/07/16	<100	---	570	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	<10	<2	<2	<2
GMW-57	04/20/17	<100	---	670	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
GMW-57	10/04/17	<100	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	5.1	52	<2	<2	<2
GMW-57	04/17/18	<100	---	370	---	---	<0.50	<0.50	<0.50	<1	<0.50	4.8	72	<2	<2	<2
GMW-57	11/09/18	<100	---	730	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-57	04/18/19	<100	---	370	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.2	69	<2	<2	<2
GMW-57	10/30/19	<100	---	460	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	4.8	87	<2.0	<2.0	<2.0

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
GMW-57	05/08/20	160	---	170	---	---	2.3	4.3	9.3	17.7	<0.50	<1.2	32	<2.0	<2.0	<2.0	
GMW-57	10/23/20	<100	---	320	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	15	<2.0	<2.0	<2.0	
GMW-57	05/10/21	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-57	11/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-57	05/11/22	<100	---	180	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-58	11/04/98	2590	1700	---	---	---	200	210	67	280	---	---	---	---	---	---	
GMW-58	05/26/99	1360	451	---	---	---	310	62	42	170	---	---	---	---	---	---	
GMW-58	11/18/99	1600	1900	---	---	---	82	26	20	100	---	---	---	---	---	---	
GMW-58	05/17/00	21000	36000	---	---	---	3500	5900	730	3900	---	---	---	---	---	---	
GMW-58	03/02/05	5800	22000	---	---	---	1700	<20	250	400	---	<20	---	---	---	---	
GMW-58	05/05/05	12000	36000	---	---	---	410	<2.5	13	600	<2.5	<2.5	<50	<10	<10	<10	
GMW-58	08/04/05	5800	24000	---	---	---	500	<2.5	56	124	<2.5	<2.5	<50	<10	<10	<10	
GMW-58	11/05/05	6300	9700	---	---	---	560	<2.5	380	196	<2.5	<2.5	<50	<10	<10	<10	
GMW-58	03/08/06	5300	34000	---	---	---	250	<2.5	140	21.1	<2.5	<2.5	<50	<10	<10	<10	
GMW-58	05/03/06	2900	16000	---	---	---	260	<1	85	27.3	<1	<1	<20	<4	<4	<4	
GMW-58	07/28/06	3200	15000	---	---	---	310	<1	78	22.7	<1	<1	<20	<4	<4	<4	
GMW-58	03/23/07	1700	4100	---	---	---	350	<1	5.9	<1	<1	<1	<20	<4	<4	<4	
GMW-58	05/02/07	2200	2500	---	---	---	320	<1	9.5	<1	<1	<1	<20	<4	<4	<4	
GMW-58	08/31/07	3000	2400	---	---	---	240	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10	
GMW-58	11/13/07	2000	720	---	---	---	240	<1	7.4	<1	<1	<1	<20	<4	<4	<4	
GMW-58	02/07/08	1100	5000	---	---	---	270	<1	1.8	<1	<1	<1	<20	<4	<4	<4	
GMW-58	04/16/08	1100	720	---	---	---	310	<2.5	<2.5	<2.5	8.1	<2.5	<50	<10	<10	<10	
GMW-58	07/29/08	870	750	---	---	---	45	<0.50	<0.50	<0.50	<0.50	0.77	<10	<2	<2	<2	
GMW-58	10/15/08	1200	---	---	---	---	840	62	<0.50	0.67	0.62	<0.50	<0.50	<10	<2	<2	<2
GMW-58	02/12/09	1000	---	---	---	---	2200	36	<0.50	0.85	<0.50	<0.50	0.55	<10	<2	<2	<2
GMW-58	04/20/09	130	---	---	---	---	230	<0.50	<0.50	<0.50	<0.50	13	<10	<2	<2	<2	
GMW-58	07/20/09	100	---	---	---	---	300	1.2	<0.50	<0.50	<0.50	<0.50	6.4	<10	<2	<2	<2
GMW-58	10/19/09	1000	---	---	---	---	2200	9.5	<0.50	0.24 J	<0.50	<0.50	1.5	6 J	<2	<2	<2
GMW-58	01/11/10	---	---	---	---	---	190	9.7	<0.50	<0.50	<0.50	<0.50	1.7	3.8 J	<2	<2	<2
GMW-58	04/19/10	---	---	---	---	---	300	12	<0.50	<0.50	<0.50	<0.50	0.81	5.7 J	<2	<2	<2
GMW-58	10/06/10	---	---	---	---	---	170	8.6	---	---	<0.50	<0.50	<10	---	---	---	
GMW-58	01/10/11	---	---	---	---	---	410	5.8	<0.50	<0.50	<0.50	<0.50	0.46 J	<10	<2	<2	<2
GMW-58	04/13/11	---	---	---	---	---	1300	94	<0.50	0.35 J	<0.50	<0.50	<10	<2	<2	<2	
GMW-58	07/11/11	---	---	---	---	---	220	31	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-58	10/11/11	---	---	---	---	---	350	27	<0.50	<0.50	<0.50	<0.50	0.65	<10	<2	<2	<2
GMW-58	04/18/12	---	---	---	---	---	710	28	<0.50	0.18 J	0.48 J	0.82	0.54	<10	<2	<2	<2
GMW-58	07/10/12	---	---	---	---	---	890	27	<0.50	<0.50	<0.50	<0.50	0.46 J	18	<2	<2	<2
GMW-58	10/17/12	---	---	---	---	---	790	18	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	
GMW-58	01/15/13	---	---	420 b	---	---	8.7	<0.50	<0.50	0.32	<0.50	<0.50	17	<2	<2	<2	
GMW-58	04/10/13	---	---	1600 b	---	---	6.7	<0.50	<0.50	<0.50	<0.50	0.46 J	25	<2	<2	<2	
GMW-58	10/08/13	460 HD	---	1200 HD	---	---	4.7	<0.50	<0.50	<0.50	<0.50	0.43 J	15	<2	<2	<2	
GMW-58	04/16/14	600 HD	---	920 HD	---	---	12	<0.50	0.24 J	<0.50	<0.50	0.64	17	<2	<2	<2	
GMW-58	10/29/14	280	---	340	---	---	37	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2	
GMW-58	04/28/15	<100	---	410	---	---	1.1	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2	
GMW-58	04/15/16	<100	---	290	---	---	1.3	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-58	04/20/17	150	---	1400	---	---	1.6	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
GMW-58	10/09/17	<100	---	960	---	---	21	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-58	11/07/19	390	---	1400	---	---	19	<0.50	0.73	3.28	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-58	05/11/20	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-58	10/22/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-58	05/05/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-58	11/02/21	<100	---	420	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-58	05/12/22	<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	9880	12400	---	---	---	950	600	210	620	---	---	---	---	---	---	
GMW-59	11/29/00	67000	21000	---	---	---	3500	900	750	3600	---	<130	---	---	---	---	
GMW-59	04/10/03	---	29600	---	---	---	261	4.8	18.4	110	---	<3	---	---	---	---	
GMW-59	10/08/03	---	4900	---	---	---	760	<3	65	450	---	<50	---	---	---	---	
GMW-59	04/21/04	---	5000	---	---	---	590	<1	100	275.6	---	380	---	---	---	---	
GMW-59	11/03/04	---	4000	---	---	---	95	<0.60	15	18	---	<10	---	---	---	---	
GMW-59	03/02/05	4200	23000	---	---	---	400	<5	130	22	---	35	---	---	---	---	
GMW-59	05/05/05	11000	9400	---	---	---	170	<0.50	60	7.8	<0.50	11	<10	<2	<2	<2	
GMW-59	08/04/05	6400	17000	---	---	---	140	<1	56	6.6	<1	<1	<20	<4	<4	<4	
GMW-59	11/05/05	9500	26000	---	---	---	270	<0.50	26	2.2	<0.50	<0.50	<10	<2	<2	<2	
GMW-59	03/08/06	4600	13000	---	---	---	260	<1	7.4	<1	<1	<1	<20	<4	<4	<4	
GMW-59	05/03/06	9900	9300	---	---	---	210	<1	4	<1	<1	<1	<20	<4	<4	<4	
GMW-59	07/28/06	3200	37000	---	---	---	540	<1	3.1	<1	<1	4.8	<20	<4	<4	<4	
GMW-59	12/05/06	---	9000	---	---	---	800	4.3	5.2	11	---	<10	---	---	---	---	
GMW-59	03/23/07	8200	15000	---	---	---	840	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10	
GMW-59	05/02/07	4800	7400	---	---	---	1100	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10	
GMW-59	08/31/07	4800	3500	---	---	---	720	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10	
GMW-59	11/13/07	4700	2200	---	---	---	660	<5	<5	<5	<5	<5	<100	<20	<20	<20	
GMW-59	02/07/08	3200	3900	---	---	---	490	<2.5	3.8	<2.5	<2.5	2.7	<50	<10	<10	<10	
GMW-59	04/16/08	3600	2100	---	---	---	580	<2.5	3.5	<2.5	<2.5	15	<50	<10	<10	<10	
GMW-59	07/29/08	2300	2900	---	---	---	580	<2.5	<2.5	<2.5	<2.5	3.3	<50	<10	<10	<10	
GMW-59	10/15/08	2500	---	---	---	---	2400	830	<2.5	<2.5	<2.5	<2.5	5.5	<50	<10	<10	<10
GMW-59	02/12/09	2500	---	---	---	---	2600	650	<2.5	<2.5	<2.5	<2.5	3.2	<50	<10	<10	<10
GMW-59	04/20/09	8500	---	---	---	---	19000	610	<2.5	<2.5	<2.5	<2.5	2.7	<50	<10	<10	<10
GMW-59	07/20/09	6700	---	---	---	---	11000	520	<2.5	<2.5	<2.5	<2.5	3.5	<50	<10	<10	<10
GMW-59	10/21/09	2600	---	---	---	---	3000	1700	<2.5	1.4 J	<2.5	<2.5	16	18 J	<10	<10	<10
GMW-59	01/11/10	---	---	---	---	---	1900	2200	<10	<10	<10	<10	17	<200	<40	<40	<40
GMW-59	04/19/10	2900	---	---	---	---	1700	570	<0.50	1.9	<0.50	<0.50	2.3	11	<2	<2	<2
GMW-59	10/06/10	850	---	---	---	---	1500	87	---	---	<0.50	3.5	17	---	---	---	
GMW-59	01/11/11	2500	---	---	---	---	4100	1100	<0.50	1.1	<0.50	<0.50	8.8	23	<2	<2	<2
GMW-59	04/14/11	10000	---	---	---	---	3800	130	<0.50	0.85	<0.50	<0.50	<10	<2	<2	<2	
GMW-59	07/12/11	1400	---	---	---	---	1700	14	<0.50	0.43 J	<0.50	<0.50	8 J	<2	<2	<2	
GMW-59	10/11/11	<1800	---	---	---	---	2500	130	<0.24	0.78	<0.50	<0.50	2.1	13	<2	<2	<2
GMW-59	01/10/12	2800	---	---	---	---	2600	340	0.24 J	0.54	<0.50	<0.50	5.2	16	<2	<2	<2
GMW-59	04/20/12	3100	---	---	---	---	3800	870	0.27 J	0.85	0.24 J	<0.50	8.4	36	<2	<2	<2
GMW-59	07/10/12	---	---	---	---	---	6300	1100	<5	1.5 J	<5	<5	9.7	<100	<20	<20	<20
GMW-59	10/19/12	3400 bD	---	---	---	---	4800	1000	<5	1.8 J	<5	<5	7.8	<100	<20	<20	<20
GMW-59	01/15/13	2400	---	1500 b	---	---	670	<2.5	1.6 J	<2.5	<2.5	7.4	<50	<10	<10	<10	
GMW-59	04/12/13	2500 bD	---	8200	---	---	680	<2.5	2.2 J	<2.5	<2.5	6.6	<50	<10	<10	<10	

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

Results reported in micrograms per liter (µg/L)																	
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME	
GMW-59	10/09/13	1400 HD	---	3100 HD	---	---	240	<0.50	0.76	0.3	<0.50	5.1	<10	<2	<2	<2	
GMW-59	04/18/14	5600 HD	---	7700 HD	---	---	170	<0.50	1.5	0.99	<0.50	3.5	14	<2	<2	<2	
GMW-59	11/03/14	1500	---	2000	---	---	300	<0.50	0.93	<1	<0.50	<2	<10	<2	<2	<2	
GMW-59	04/29/15	910	---	1600	---	---	150	<2.5	<2.5	<5	<2.5	<10	<50	<10	<10	<10	
GMW-59	10/26/15	3000	---	2600	---	---	180	<5	34	240	<5	<20	<100	<20	<20	<20	
GMW-59	04/14/16	640	---	3300	---	---	87	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2	
GMW-59	10/11/16	470	---	1800	---	---	110	<1	<1	<2	<1	<2	<20	<4	<4	<4	
GMW-59	04/21/17	400	---	1300	---	---	130	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-59	10/09/17	210	---	960	---	---	17	<1	<1	<2	<1	<2	<20	<4	<4	<4	
GMW-59	04/23/18	<100	---	770	---	---	0.81	<0.50	<0.50	0.5	<0.50	<1	<10	<2	<2	<2	
GMW-59	11/09/18	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-59	04/18/19	<100	---	340	---	---	1	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2	
GMW-59	10/30/19	<100	---	480	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-59	05/08/20	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-59	10/22/20	<100	---	260	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-59	05/10/21	<100	---	450	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-59	11/04/21	<100	---	660	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-59	05/12/22	<100	---	180	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0	
GMW-60	07/21/04	15000	5300	---	---	---	1700	160	710	2050	---	<0.50	---	---	---	---	
GMW-60	11/03/04	12000	3500	---	---	---	1700	70	900	1780	<5	<5	<100	<20	<20	<20	
GMW-60	03/02/05	8300	4900	---	---	---	1300	<20	860	2040	---	<20	---	---	---	---	
GMW-60	05/05/05	9400	4600	---	---	---	1100	<5	790	1740	<5	<5	<100	<20	<20	<20	
GMW-60	08/04/05	6200	5600	---	---	---	1000	<5	680	1070	<5	<5	<100	<20	<20	<20	
GMW-60	11/05/05	7200	4400	---	---	---	970	<5	710	1130	<5	<5	<100	<20	<20	<20	
GMW-60	03/08/06	5900	5200	---	---	---	680	<5	640	800	<5	<5	<100	<20	<20	<20	
GMW-60	05/03/06	3900	2200	---	---	---	770	<5	230	235	<5	<5	<100	<20	<20	<20	
GMW-60	07/28/06	4600	4900	---	---	---	850	<5	170	102	<5	<5	<100	<20	<20	<20	
GMW-60	12/05/06	4100	920	---	---	---	660	<5	130	92	<5	<5	<100	<20	<20	<20	
GMW-60	03/23/07	3500	1700	---	---	---	490	<2.5	87	80	<2.5	<2.5	<50	<10	<10	<10	
GMW-60	05/02/07	2800	630	---	---	---	300	<2.5	18	23	<2.5	<2.5	<50	<10	<10	<10	
GMW-60	08/31/07	2000	660	---	---	---	250	<2.5	18	5.9	<2.5	<2.5	<50	<10	<10	<10	
GMW-60	11/13/07	1500	<100	---	---	---	180	<0.50	21	4.3	<0.50	<0.50	<10	<2	<2	<2	
GMW-60	02/07/08	1700	290	---	---	---	270	0.8	65	47.9	<0.50	<0.50	<10	<2	<2	<2	
GMW-60	04/16/08	1400	920	---	---	---	160	<1	24	<1	<1	<1	<20	<4	<4	<4	
GMW-60	07/29/08	2000	610	---	---	---	240	<1	3.9	<1	<1	<1	<20	<4	<4	<4	
GMW-60	10/15/08	1400	---	---	---	---	270	<1	2.7	<1	<1	<1	<20	<4	<4	<4	
GMW-60	02/12/09	1600	---	---	---	---	490	<1	2.5	<1	<1	<1	<20	<4	<4	<4	
GMW-60	04/20/09	3500	---	---	---	---	1100	<5	7.9	<5	<5	<5	<100	<20	<20	<20	
GMW-60	07/20/09	3200	---	---	---	---	1700	<5	11	<5	<5	<5	<100	<20	<20	<20	
GMW-60	10/19/09	2600	---	---	---	---	930	<5	8.8	<5	<5	<5	<100	<20	<20	<20	
GMW-60	01/11/10	---	---	---	---	<100	940	<5	12	<5	<5	<1	<100	<20	<20	<20	
GMW-60	04/13/10	1900	---	---	---	---	1300	<0.50	8.7	0.26	<0.50	<0.50	<10	<2	<2	<2	
GMW-60	10/06/10	560	---	---	---	---	1900	770	---	---	<0.50	<0.50	<10	---	---	---	
GMW-60	01/11/11	3200	---	---	---	---	2100	870	<0.50	12	<0.50	<0.50	<10	<2	<2	<2	
GMW-60	04/15/11	2100	---	---	---	---	1200	590	<0.50	9.8	<0.50	<0.50	<10	<2	<2	<2	
GMW-60	07/12/11	2200	---	---	---	---	1500	560	<0.50	10	0.27 J	<0.50	<0.50	8.8 J	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-60	10/11/11	2300	---	---	---	1500	510	<0.50	9.1	0.38 J	<0.50	<0.50	<10	<2	<2	<2
GMW-60	01/10/12	2100	---	---	---	990	210	0.3 J	7.3	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/20/12	1200	---	---	---	1300	13	<0.50	3.1	0.36 J	<0.50	<0.50	14	<2	<2	<2
GMW-60	07/10/12	---	---	---	---	1200	5.1	<0.50	0.7	0.24	<0.50	<0.50	69	<2	<2	<2
GMW-60	10/17/12	630 b	---	---	---	1100	1.5	<0.50	0.4 J	<0.50	<0.50	<0.50	280	<2	<2	<2
GMW-60	01/15/13	610	---	460 b	---	---	4.3	<0.50	0.37 J	<0.50	<0.50	<0.50	620	<2	<2	<2
GMW-60	04/11/13	1000 b	---	3200 b	---	---	61	<0.50	1.6	0.73 J	<0.50	<0.50	460	<2	<2	<2
GMW-60	10/09/13	920 HD	---	2300 HD	---	---	25	<0.50	0.7	0.59	<0.50	<0.50	800	<2	<2	<2
GMW-60	04/17/14	650	---	2700 HD	---	---	11	<1	0.3 J	<1	<1	<1	1200	<4	<4	<4
GMW-60	10/30/14	470	---	1500	---	---	8.6	<0.50	<0.50	<1	<0.50	<2	680	<2	<2	<2
GMW-60	04/28/15	330	---	2000	---	---	3.1	<0.50	<0.50	<1	<0.50	<2	1600	<2	<2	<2
GMW-60	10/26/15	<100	---	870	---	---	0.98	<0.50	<0.50	<1	<0.50	<2	43	<2	<2	<2
GMW-60	04/13/16	110	---	100	---	---	5.1	<0.50	0.69	2.6	<0.50	<1	<10	<2	<2	<2
GMW-60	10/07/16	<100	---	870	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	04/20/17	220	---	1200	---	---	26	<0.50	2.4	<1	<0.50	<1	55	<2	<2	<2
GMW-60	10/09/17	<100	---	430	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	04/17/18	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	11/09/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	04/16/19	<100	---	<260	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-60	10/30/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	05/05/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	10/21/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	05/05/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	11/03/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	05/11/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	07/21/04	19000	14000	---	---	---	2400	1700	1000	4000	---	<0.50	---	---	---	---
GMW-61	11/03/04	23000	5700	---	---	---	2500	2200	1200	5000	<5	<5	<100	<20	<20	<20
GMW-61	03/02/05	20000	10000	---	---	---	2700	1900	1100	5900	---	<20	---	---	---	---
GMW-61	05/05/05	11000	7000	---	---	---	2000	310	840	2500	<10	<10	<200	<40	<40	<40
GMW-61	08/04/05	11000	12000	---	---	---	1900	740	740	3500	<10	<10	<200	<40	<40	<40
GMW-61	11/05/05	16000	10000	---	---	---	2600	480	1100	4900	<10	<10	<200	<40	<40	<40
GMW-61	03/08/06	11000	7900	---	---	---	2100	280	1000	2700	<10	<10	<200	<40	<40	<40
GMW-61	05/03/06	9600	7300	---	---	---	1900	89	810	2030	<10	<10	<200	<40	<40	<40
GMW-61	07/28/06	7200	9900	---	---	---	1400	20	460	1290	<10	<10	<200	<40	<40	<40
GMW-61	12/05/06	7900	4000	---	---	---	1500	19	330	2050	<5	<5	<100	<20	<20	<20
GMW-61	03/23/07	7500	3100	---	---	---	1200	16	220	1340	<5	<5	<100	<20	<20	<20
GMW-61	05/02/07	11000	3000	---	---	---	1600	27	290	2090	<5	<5	<100	<20	<20	<20
GMW-61	08/31/07	9200	1600	---	---	---	1500	17	190	1170	<0.50	<0.50	<10	<2	<2	<2
GMW-61	11/13/07	2300	<100	---	---	---	580	6.3	99	360	<5	<5	<100	<20	<20	<20
GMW-61	02/07/08	2600	890	---	---	---	330	8.6	70	363	<2.5	<2.5	<50	<10	<10	<10
GMW-61	04/16/08	2000	1100	---	---	---	480	5	64	399	<2.5	<2.5	<50	<10	<10	<10
GMW-61	07/29/08	1500	790	---	---	---	400	<2.5	28	129.3	<2.5	<2.5	<50	<10	<10	<10
GMW-61	10/15/08	1300	---	---	---	500	450	<2.5	34	149.5	<2.5	<2.5	<50	<10	<10	<10
GMW-61	02/12/09	1100	---	---	---	<100	340	<2.5	13	57	<2.5	<2.5	<50	<10	<10	<10
GMW-61	04/20/09	1100	---	---	---	550	490	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-61	07/20/09	760	---	---	---	560	350	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-61	10/19/09	620	---	---	---	410	320	<2.5	1.2 J	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-61	01/11/10	---	---	---	---	<100	190	<1	0.99 J	<1	<1	<1	<20	<4	<4	<4
GMW-61	04/15/10	740	---	---	---	500	380	<0.50	1.7	<0.50	<0.50	<0.50	3.7 J	<2	<2	<2
GMW-61	10/06/10	1200	---	---	---	550	100	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-61	01/10/11	800	---	---	---	910	190	<0.50	1.8	0.48	<0.50	<0.50	<10	<2	<2	<2
GMW-61	04/14/11	790	---	---	---	700	110	<0.50	1.2	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	07/12/11	230	---	---	---	240	6.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	10/11/11	140	---	---	---	<100	<0.50	<0.70	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	01/10/12	210	---	---	---	100	0.15 J	1.1	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	04/19/12	190	---	---	---	250	9.1	0.63	0.2 J	0.33 J	<0.50	<0.50	27	<2	<2	<2
GMW-61	07/10/12	---	---	---	---	510	110	0.29 J	0.87	0.28	<0.50	<0.50	14	<2	<2	<2
GMW-61	10/19/12	1500 b	---	---	---	800	290	0.87	2.5	0.63	<0.50	<0.50	<10	<2	<2	<2
GMW-61	01/15/13	130	---	140 b	---	---	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	69	<2	<2	<2
GMW-61	04/11/13	<100	---	340 b	---	---	0.43 J	<0.50	<0.50	<0.50	<0.50	<0.50	60	<2	<2	<2
GMW-61	10/08/13	130 HD	---	390 HD	---	---	9.4	<0.50	<0.50	<0.50	<0.50	<0.50	210	<2	<2	<2
GMW-61	04/17/14	220 HD	---	190 HD	---	---	9.9	<0.50	0.18 J	0.31	<0.50	<0.50	55	<2	<2	<2
GMW-61	10/29/14	120	---	200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	110	<2	<2	<2
GMW-61	04/28/15	130	---	260	---	---	12	<0.50	<0.50	<1	<0.50	<2	130	<2	<2	<2
GMW-61	04/14/16	<100	---	330	---	---	0.65	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	10/07/16	<100	---	390	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	04/20/17	140	---	1200	---	---	18	<0.50	<0.50	5.6	<0.50	<1	<10	<2	<2	<2
GMW-61	10/09/17	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	04/23/18	<100	---	440	---	---	0.61	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	11/09/18	<100	---	610	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	04/18/19	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-61	11/06/19	<100	---	340	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	05/08/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	10/21/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	05/05/21	<100	---	21000	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	11/09/21	<100	---	3700	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	05/19/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	11/14/07	4200	<100	---	---	---	1400	85	160	92	<5	<5	<100	<20	<20	<20
GMW-62	02/07/08	4100	1400	---	---	---	2100	190	450	610	<5	<5	<100	<20	<20	<20
GMW-62	04/17/08	1000	500	---	---	---	430	15	50	23.9	<5	<5	<100	<20	<20	<20
GMW-62	07/29/08	2400	1000	---	---	---	1300	33	160	109	<2.5	<2.5	<50	<10	<10	<10
GMW-62	10/15/08	2800	---	---	---	---	180	1700	19	220	161	<5	<5	<100	<20	<20
GMW-62	02/12/09	3600	---	---	---	---	1600	1800	5.1	150	164	<5	<5	<100	<20	<20
GMW-62	04/23/09	1500	---	---	---	---	150	370	<2.5	25	5.2	<2.5	<2.5	<50	<10	<10
GMW-62	07/21/09	1800	---	---	---	---	1100	1200	<2.5	67	36	<2.5	<2.5	<50	<10	<10
GMW-62	10/21/09	2200	---	---	---	---	480	1700	<2.5	43	12.9	<2.5	<2.5	<50	<10	<10
GMW-62	01/12/10	---	---	---	---	---	2200	3900	<10	22	30.4	100	<1	<200	<40	<40
GMW-62	04/14/10	2400	---	---	---	---	430	1600	0.6	26	45	<0.50	<0.50	<10	<2	<2
GMW-62	10/05/10	6700	---	---	---	---	3400	1200	---	---	---	<0.50	<0.50	<10	---	---
GMW-62	11/05/18	8400	---	2600	---	---	---	1500	<10	12	910	<10	<20	<200	<40	<40
GMW-62	04/15/19	17000	---	3100	---	---	---	2700	<5	660	2100	<5	<10	<100	<20	<20
GMW-62	10/28/19	1500	---	7800	---	---	---	14	<1.0	<1.0	25.2	<1.0	<2.4	<20	<4.0	<4.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-62	05/04/20	2200	---	130000	---	---	160	<1.0	59	201	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-62	10/19/20	1600	---	1000	---	---	150	<1.0	100	140	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-62	05/03/21	1000	---	6200	---	---	13	<0.50	81	71	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	11/01/21	1700	---	8600	---	---	8.7	<0.50	47	26	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	05/09/22	510	---	760	---	---	1.4	<0.50	1.3	5.9	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	10/15/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	02/12/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/23/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	07/21/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/22/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	01/12/10	---	---	---	---	<100	0.39 J	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/14/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/05/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-63	01/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	07/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	01/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	07/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	01/14/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	12/17/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-63	04/20/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-63	10/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-63	04/11/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/03/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	04/17/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/02/17	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/25/17	---	---	440	---	---	---	---	---	---	---	---	---	---	---	---
GMW-63	04/16/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	11/05/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	04/15/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-63	10/28/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	05/04/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	10/19/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	05/03/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	11/01/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	05/09/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	10/15/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	02/12/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/23/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/21/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-64	10/21/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/12/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/14/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/05/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-64	01/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/14/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	12/17/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-64	04/20/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-64	10/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-64	04/11/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/03/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	04/17/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/02/17	<100	---	220	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/25/17	---	---	620	---	---	---	---	---	---	---	---	---	---	---	---
GMW-64	04/16/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	11/05/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	04/15/19	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-64	10/28/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/04/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	10/19/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/03/21	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	11/01/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/09/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	10/22/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/12/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/14/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/05/10	---	---	---	---	100	0.32 J	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-65	01/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	07/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	07/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/14/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-65	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/07/13	<100	---	210 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	12/17/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-65	04/20/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-65	10/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-65	04/11/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/03/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	04/17/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/02/17	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/25/17	---	---	320	---	---	---	---	---	---	---	---	---	---	---	---
GMW-65	04/16/18	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	11/05/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	04/15/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-65	10/28/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/04/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	10/19/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/03/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	11/01/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/09/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66	10/22/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/19/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/06/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
GMW-66	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/08/13	---	---	130 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/07/13	<100	---	150 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/15/14	<100	---	96 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/28/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GMW-66R	04/13/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	04/18/17	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	10/04/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	04/17/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	11/05/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	04/16/19	<100	---	<190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-66R	10/29/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/05/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	10/21/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/05/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	11/03/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/11/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	10/21/15	900	---	140	---	---	71	<0.50	110	82	<0.50	<2	<10	<2	<2	<2
GMW-67	04/11/16	310	---	<100	---	---	22	<0.50	73	6.8	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-67	10/03/16	<100	---	<100	---	---	4.2	<0.50	0.96	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	04/17/17	<100	---	<100	---	---	2.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	10/02/17	<100	---	520	---	---	2.6	<0.50	0.7	0.51	<0.50	<1	<10	<2	<2	<2
GMW-67	04/16/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	11/05/18	<100	---	<100	---	---	0.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	04/15/19	<100	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-67	10/28/19	150	---	<100	---	---	0.75	<0.50	3.6	1.3	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/04/20	270	---	110	---	---	2.5	<0.50	5.6	8.9	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	10/19/20	110	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/03/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	11/01/21	<100	---	130	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/09/22	110	---	<100	---	---	2.1	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-68	10/21/15	17000	---	810	---	---	2200	46	800	3700	<10	<40	<200	<40	<40	<40
GMW-68	04/11/16	15000	---	810	---	---	2300	17	1200	4700	<10	<20	<200	<40	<40	<40
GMW-68	05/09/22	5600	---	1700	---	---	690	<10	78	61	<10	<24	<200	<40	<40	<40
GMW-69	10/21/15	2900	---	330	---	---	350	<5	400	380	<5	<20	<100	<20	<20	<20
GMW-69	04/11/16	2400	---	350	---	---	230	<2.5	390	360	<2.5	<5	<50	<10	<10	<10
GMW-69	10/03/16	1600	---	210	---	---	240	<2.5	290	190	<2.5	<5	<50	<10	<10	<10
GMW-69	04/17/17	740	---	150	---	---	84	<1	140	16	<1	<2	<20	<4	<4	<4
GMW-69	10/02/17	2100	---	380	---	---	220	<1	210	120	<1	<2	<20	<4	<4	<4
GMW-69	10/25/17	---	---	830	---	---	870	4.8	950	1000	<2.5	<5	<50	<10	<10	<10
GMW-69	04/16/18	3600	---	530	---	---	370	<5	300	93	<5	<10	<100	<20	<20	<20
GMW-69	11/05/18	1300	---	720	---	---	190	<5	<5	<10	<5	<10	<100	<20	<20	<20
GMW-69	04/15/19	130	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GMW-69	10/28/19	710	---	180	---	---	58	<0.50	33	22	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	05/04/20	1300	---	490	---	---	140	<0.50	5.8	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	10/19/20	930	---	300	---	---	110	<1.0	21	<2.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-69	05/03/21	530	---	280	---	---	28	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	11/01/21	770	---	340	---	---	21	<0.50	0.74	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	05/09/22	170	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-O-1	11/21/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	0.53	<5	---	---	---	---
GMW-O-1	07/09/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	0.85	<5	---	---	---	---
GMW-O-1	01/06/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-1	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-1	08/24/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/02/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
GMW-O-1	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
GMW-O-1	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	08/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	---	---	---	---
GMW-O-1	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-1	11/06/01	<300	<100	---	---	---	11	<0.50	0.7	0.6	0.5	<0.50	---	---	---	---
GMW-O-1	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	01/29/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	---	---	---	---
GMW-O-1	08/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	09/20/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	12/08/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	03/12/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	08/28/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/20/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	08/13/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-1	02/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
GMW-O-1	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-1	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	03/14/16	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	08/22/16	<50	---	100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	11/01/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	05/06/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/21/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	12	<5	---	---	---	---
GMW-O-2	07/09/97	<100	---	<500	---	---	<0.50	0.5	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-2	01/07/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	13	<5	---	---	---	---
GMW-O-2	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	14	<0.50	---	---	---	---
GMW-O-2	11/11/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/05/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-2	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	---	---	---	---
GMW-O-2	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
GMW-O-2	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---	---
GMW-O-2	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
GMW-O-2	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/24/02	<300	460	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	01/15/03	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-2	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	---	---	---	---
GMW-O-2	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	---	---	---	---
GMW-O-2	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	01/29/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-2	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	5	<0.50	---	---	---	---
GMW-O-2	08/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	09/20/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	12/08/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	03/12/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	08/28/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/20/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	08/13/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	10/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-2	02/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
GMW-O-2	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/20/09	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	03/16/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/13/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/10/11	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	03/14/16	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-2	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/06/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	11/27/96	---	---	---	---	---	2900	1000	1200	1950	<10	260	---	---	---	---
GMW-O-3	07/14/97	14000	---	1300	---	---	1500	410	700	1200	<10	<100	---	---	---	---
GMW-O-3	01/09/98	3200	---	720	---	---	930	55	390	599	38	<50	---	---	---	---
GMW-O-3	05/26/98	5400	---	---	---	---	850	20	170	140	<5	<5	---	---	---	---
GMW-O-3	08/26/98	3290	1710	---	---	---	329	31	140	300	<2.5	<2.5	---	---	---	---
GMW-O-3	11/17/98	4800	5810	---	---	---	1500	<100	350	400	<100	<100	---	---	---	---
GMW-O-3	02/03/99	3800	---	<500	---	---	250	<2.5	34	17	<5	<2.5	---	---	---	---
GMW-O-3	05/07/99	2900	---	<500	---	---	170	1.2	3.4	5.3	<1	<0.50	---	---	---	---
GMW-O-3	08/10/99	<500	---	<1000	---	---	56	1.6	2.3	<1	1.2	<1	---	---	---	---
GMW-O-3	11/17/99	340	<100	---	---	---	15	0.5	1.9	1.9	<0.50	<0.50	---	---	---	---
GMW-O-3	02/29/00	<300	170	---	---	---	12	<0.50	1.2	1.1	<0.50	<0.50	---	---	---	---
GMW-O-3	05/17/00	1800	1000	---	---	---	290	32	33	180	<0.50	<0.50	---	---	---	---
GMW-O-3	08/29/00	580	3600	---	---	---	130	2.5	13	23	<0.50	<0.50	---	---	---	---
GMW-O-3	11/28/00	1500	820	---	---	---	350	13	43	93.1	<0.50	<0.50	---	---	---	---
GMW-O-3	02/05/01	1800	770	---	---	---	420	26	40	55	<10	<10	---	---	---	---
GMW-O-3	05/10/01	2000	560	---	---	---	380	4.5	32	42	<2.5	<2.5	---	---	---	---
GMW-O-3	09/19/01	840	360	---	---	---	230	<2.5	17	11	<2.5	<2.5	---	---	---	---
GMW-O-3	11/07/01	520	<100	---	---	---	120	<2.5	7.2	6	<2.5	<2.5	---	---	---	---
GMW-O-3	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	04/09/02	1200	<100	---	---	---	260	2.6	13	9.8	<0.50	<0.50	---	---	---	---
GMW-O-3	07/30/02	380	250	---	---	---	150	1.6	5.1	4.6	<0.50	<0.50	---	---	---	---
GMW-O-3	10/24/02	310	120	---	---	---	79	0.65	1.9	1.2	<0.50	<0.50	---	---	---	---
GMW-O-3	01/15/03	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-3	01/28/03	550	160	---	---	---	140	3	9.1	14.2	<0.50	<0.50	---	---	---	---
GMW-O-3	04/08/03	660	200	---	---	---	170	1.6	9.2	<1	<2	<1	---	---	---	---
GMW-O-3	07/30/03	830	140	---	---	---	200	2	18	8.2	<3	<1.5	---	---	---	---
GMW-O-3	10/08/03	660	280	---	---	---	96	0.74	9.6	1.4	<1	<0.50	---	---	---	---
GMW-O-3	01/29/04	850	160	---	---	---	120	0.63	3	0.72	<1	<0.50	---	---	---	---
GMW-O-3	04/20/04	<50	130	---	---	---	65	<0.50	<0.50	0.56	<0.50	<0.50	---	---	---	---
GMW-O-3	07/20/04	370	<100	---	---	---	29	<0.50	1.4	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	11/04/04	850	190	---	---	---	71	<0.50	2.7	<0.50	<1	<0.50	---	---	---	---
GMW-O-3	02/03/05	210	<100	---	---	---	16	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	05/04/05	380	<100	---	---	---	32	0.67	2.1	4.6	<0.50	<0.50	---	---	---	---
GMW-O-3	08/03/05	1000	490	---	---	---	4.4	1.1	110	<1	<2	<1	---	---	---	---
GMW-O-3	11/01/05	1300	560	---	---	---	35	2.3	67	50	<1	<0.50	---	---	---	---
GMW-O-3	02/28/06	640	320	---	---	---	26	<0.50	7.1	6	<0.50	<0.50	---	---	---	---
GMW-O-3	05/04/06	400	250	---	---	---	19	<0.50	0.71	1.2	<0.50	<0.50	---	---	---	---
GMW-O-3	09/19/06	110	<100	---	---	---	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	12/08/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-3	03/13/07	51	<100	---	---	---	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	05/03/07	72	<100	---	---	---	<0.50	<0.50	0.64	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	08/28/07	65	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	11/14/07	170	<100	---	---	---	3.1	<0.50	9.7	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	02/07/08	96	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	04/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	08/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	10/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-3	02/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
GMW-O-3	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/09/12	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/15/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	03/14/16	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	08/22/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/20/17	260	---	<50	---	---	1.3	<0.50	1.9	2.6	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/18/18	110	---	110	---	---	<0.50	<0.50	2.6	6.3	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	11/07/18	450	---	<50	---	---	2.2	3	25	100	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/17/19	140	---	<50	---	---	<0.50	<0.50	2.3	6.9	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	05/06/20	60	---	<50	---	---	<0.50	<0.50	3.0	3.7	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	11/04/20	260	---	<50	---	---	<0.50	<0.50	7.1	18	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	05/04/21	130	---	<50	---	---	<0.50	<0.50	1.0	4.5	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-3	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4	07/09/97	<100	---	<500	---	---	<0.50	1.9	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-4	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4	05/21/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	0.7	---	---	---	---
GMW-O-4	11/12/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-4	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/04/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	10/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	03/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	08/23/16	<50	---	<50	---	---	0.01	<0.50	0.08	<0.50	<0.50	0.12	1.9	<1	<1	<1
GMW-O-4	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-4	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/06/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4 (MID)	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	07/09/97	<100	---	<500	---	---	<0.50	0.99	<0.50	<0.10	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-4 (MID)	05/21/98	<300	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-4 (MID)	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/06/99	---	---	---	---	---	---	---	---	---	---	<0.50	---	---	---	---
GMW-O-4 (MID)	05/06/99	<500	---	<500	---	---	---	---	---	---	<1	---	---	---	---	---
GMW-O-4 (MID)	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/04/05	<50	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/04/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	10/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-4 (MID)	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	11/22/96	---	---	---	---	---	11	5.7	9.2	32.1	<0.50	<5	---	---	---	---
GMW-O-5	07/09/97	<100	---	<500	---	---	<0.50	1.9	<0.50	<1	<0.50	<5	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-5	01/07/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	15	---	---	---	---
GMW-O-5	05/21/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-5	08/24/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/04/98	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-5	11/04/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
GMW-O-5	05/05/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-5	08/10/99	<500	---	<1000	---	---	2.3	4.4	<1	2.9	<0.50	<1	---	---	---	---
GMW-O-5	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	08/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/24/02	<300	2300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	01/15/03	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-5	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	10/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-5	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-5	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	03/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	05/06/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-6	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-6	07/09/97	<100	---	<500	---	---	<0.50	0.9	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-6	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-6	05/21/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-6	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/05/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-6	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
GMW-O-6	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	10/24/02	<300	190	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	10/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-6	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-7	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-8	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	2.4	---	---	---	---
GMW-O-8	01/16/03	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-8	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	12/08/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	10/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-8	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	46	<5	---	---	---	---
GMW-O-9	07/10/97	<100	---	<500	---	---	<0.50	3.6	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-9	01/07/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-9	05/21/98	---	---	---	---	---	<0.50	<0.50	<0.50	<0.60	12	<0.50	---	---	---	---
GMW-O-9	11/16/98	<300	<100	---	---	---	3	7	1	6	5.8	<0.50	---	---	---	---
GMW-O-9	05/05/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-O-9	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	<0.50	---	---	---	---
GMW-O-9	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	72	<0.50	---	---	---	---
GMW-O-9	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	53	<0.50	---	---	---	---
GMW-O-9	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	87	<0.50	---	---	---	---
GMW-O-9	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	53	<0.50	---	---	---	---
GMW-O-9	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
GMW-O-9	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	<0.50	---	---	---	---
GMW-O-9	10/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
GMW-O-9	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	<0.50	---	---	---	---
GMW-O-9	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.9	<0.50	---	---	---	---
GMW-O-9	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	61	<0.50	---	---	---	---
GMW-O-9	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	<0.50	---	---	---	---
GMW-O-9	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	---	---	---	---
GMW-O-9	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	5.9	<0.50	---	---	---	---
GMW-O-9	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-9	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/05/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-9	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/16/14	<50	---	<50	---	---	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	03/15/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/13/16	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	08/22/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/20/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	3.3	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	11/01/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/06/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.1	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/26/96	---	---	---	---	---	450	18	37	21.8	81	1300	---	---	---	---
GMW-O-10	07/14/97	17000	---	900	---	---	4200	2800	650	1600	<30	890	---	---	---	---
GMW-O-10	01/09/98	25000	---	12000	---	---	3900	2800	510	1470	<10	1200	---	---	---	---
GMW-O-10	05/27/98	<300	---	---	---	---	1	<0.50	<0.50	0.8	<0.50	1	---	---	---	---
GMW-O-10	11/16/98	6840	297	---	---	---	2900	540	320	310	<13	2000	---	---	---	---
GMW-O-10	05/07/99	<500	---	<500	---	---	6.2	<0.50	0.61	<0.50	<1	0.64	---	---	---	---
GMW-O-10	11/16/99	32000	27000	---	---	---	8300	5700	860	2640	<25	2600	---	---	---	---
GMW-O-10	05/17/00	18000	32000	---	---	---	4500	3300	450	1420	<25	1300	---	---	---	---
GMW-O-10	11/29/00	18000	10000	---	---	---	4200	2900	430	1260	<25	1400	---	---	---	---
GMW-O-10	05/10/01	7900	4600	---	---	---	2400	810	150	280	<10	950	---	---	---	---
GMW-O-10	11/07/01	8100	1300	---	---	---	1200	120	<10	540	<10	1100	---	---	---	---
GMW-O-10	04/11/02	960	1000	---	---	---	190	18	5.1	157	10	610	---	---	---	---
GMW-O-10	10/24/02	2000	2500	---	---	---	270	27	<5	60	<5	290	---	---	---	---
GMW-O-10	04/10/03	13000	1900	---	---	---	3600	370	460	780	<50	520	---	---	---	---
GMW-O-10	08/01/03	5800	1600	---	---	---	2600	220	320	460	20	580	---	---	---	---
GMW-O-10	10/08/03	4900	940	---	---	---	1500	240	160	275	24	460	---	---	---	---
GMW-O-10	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-10	11/04/04	8900	1200	---	---	---	3900	85	400	409	<30	590	---	---	---	---
GMW-O-10	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-10	11/02/05	52	<100	---	---	---	19	0.5	<0.50	<0.50	1	10	---	---	---	---
GMW-O-10	05/05/06	12000	850	---	---	---	4100	1800	380	640	<50	160	---	---	---	---
GMW-O-10	12/07/06	8900	810	---	---	---	4000	470	320	310	<50	190	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-10	05/04/07	3800	260	---	---	---	1600	10	<10	120	<20	160	---	---	---	---
GMW-O-10	11/14/07	12000	600	---	---	---	5100	54	340	325	<50	190	---	---	---	---
GMW-O-10	04/18/08	1300	130	---	---	---	680	<5	14	11	<10	23	---	---	---	---
GMW-O-10	08/14/08	1600	160	---	---	---	820	5.3	31	42	<10	<5	---	---	---	---
GMW-O-10	10/21/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	---	---	---	---
GMW-O-10	04/22/09	180	<100	---	---	---	37	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
GMW-O-10	10/22/09	99	<100	---	---	---	6.9	<0.50	<0.50	<0.50	<0.50	0.77	<10	<1	<1	<1
GMW-O-10	05/27/10	370	<100	---	---	---	77	1.2	<0.50	<0.50	<1	0.87	<10	<1	<1	<1
GMW-O-10	10/07/10	380	<100	---	---	---	42	1.2	0.51	<0.50	<0.50	0.79	<10	<1	<1	<1
GMW-O-10	04/13/11	270	140	---	---	---	39	1	<0.50	<0.50	<0.50	0.77	<10	<1	<1	<1
GMW-O-10	10/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/11/13	110	---	<50	---	---	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/11/13	75	---	64	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/17/14	140	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/30/14	110	---	51	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/23/15	160	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/26/15	160	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	03/15/16	91	---	75	---	---	16	<0.50	3.4	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/14/16	910	---	89	---	---	430	12	16	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-O-10	06/29/16	87	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	08/23/16	<50	---	52	---	---	0.05	0.05	0.12	<0.50	2.6	0.19	1.3	0.18	<1	<1
GMW-O-10	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/21/17	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/04/17	73	---	<50	---	---	28	<0.50	<0.50	<0.50	6.3	<0.50	<10	<1	<1	<1
GMW-O-10	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	<10	<1	<1	<1
GMW-O-10	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	<10	<1	<1	<1
GMW-O-10	04/19/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7	<0.50	<10	<1	<1	<1
GMW-O-10	11/01/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	<10	1.2	<1.0	<1.0
GMW-O-10	05/06/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-11	10/04/10	10000	2100	---	---	---	4200	220	89	170	<30	160	560	32	<30	<30
GMW-O-11	08/20/20	<100	---	780	---	---	1.2	<0.50	<0.50	<0.50	<1.0	4.1	220	9.2	<1.0	<1.0
GMW-O-11	02/24/21	<100	---	9400	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	1.2	180	3.0	<1.0	<1.0
GMW-O-11	05/04/21	<100	---	1300	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	1.9	170	6.5	<1.0	<1.0
GMW-O-11	09/01/21	<100	---	790	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	1.0	21	2.6	<1.0	<1.0
GMW-O-11	11/05/21	95	---	1100	---	---	2.4	0.65	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-11	03/10/22	120	---	440	---	---	43	1.6	<0.50	2.0	<0.50	0.93	24	<1.0	<1.0	<1.0
GMW-O-11	05/12/22	290	---	1700	---	---	1.7	<0.50	<0.50	<0.50	<0.50	1.2	20	1.5	<1.0	<1.0
GMW-O-12	10/05/10	23000	<99000	---	---	---	12000	<50	<50	<50	<100	71	<1000	<100	<100	<100
GMW-O-12	04/14/11	16000	120000	---	---	---	7300	<25	<25	<25	<50	25	<500	<50	<50	<50
GMW-O-12	10/13/11	20000	390000	---	---	---	11000	<100	<100	<100	<200	<100	<2000	<200	<200	<200

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-12	04/20/12	29000	---	260000	---	---	12000	<50	<50	<50	<100	<50	<1000	<100	<100	<100
GMW-O-12	10/19/12	12000	---	120000	---	---	4700	<25	<25	<25	<50	<25	<500	<50	<50	<50
GMW-O-12	04/12/13	34000	---	160000	---	---	13000	<100	<100	<100	<200	<100	<2000	<200	<200	<200
GMW-O-12	10/11/13	30000	---	73000	---	---	13000	<63	<63	<63	<130	<63	<1300	<130	<130	<130
GMW-O-12	08/31/21	5300	---	28000	---	---	23	<5.0	17	95	<10	<5.0	<100	<10	<10	<10
GMW-O-14	11/27/96	88000	---	74000	---	---	4500	3200	520	2600	440	<300	---	---	---	---
GMW-O-14	07/17/97	160000	---	610000	---	---	7600	4900	2200	43000	<500	<5000	---	---	---	---
GMW-O-14	01/09/98	33000	---	780000	---	---	7200	4500	510	2300	<30	<300	---	---	---	---
GMW-O-14	05/27/98	3500	---	---	---	---	330	<2.5	80	88	<2.5	<0.50	---	---	---	---
GMW-O-14	11/17/98	---	117000	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-14	11/17/98	3850	---	---	---	---	5000	3840	1040	4510	<100	<100	---	---	---	---
GMW-O-14	05/07/99	23000	---	54000	---	---	5100	3400	650	2800	<50	<20	---	---	---	---
GMW-O-14	11/18/99	26000	23000	---	---	---	5900	4100	780	2500	<50	<50	---	---	---	---
GMW-O-14	05/17/00	10000	9300	---	---	---	2300	630	370	820	<50	<100	---	---	---	---
GMW-O-14	11/29/00	42000	59000	---	---	---	8800	5000	1200	4400	<50	<50	---	---	---	---
GMW-O-14	05/10/01	5200	17000	---	---	---	100	34	96	237	<1	<1	---	---	---	---
GMW-O-14	11/07/01	15000	20000	---	---	---	3900	890	640	1280	<1	<2	---	---	---	---
GMW-O-14	04/09/02	38000	13000	---	---	---	7400	2700	990	3200	<13	24	---	---	---	---
GMW-O-14	07/30/02	11000	24000	---	---	---	4900	2300	550	1890	<13	14	---	---	---	---
GMW-O-14	10/24/02	26000	29000	---	---	---	7100	3500	970	3500	<25	<25	---	---	---	---
GMW-O-14	01/28/03	39000	47000	---	---	---	12000	8400	1500	5600	<25	38	---	---	---	---
GMW-O-14	03/12/03	1500	710	---	---	---	760	72	66	115	<2.5	14	---	---	---	---
GMW-O-14	04/09/03	33000	27000	---	---	---	5100	2900	990	3300	<40	<20	---	---	---	---
GMW-O-14	07/30/03	20000	12000	---	---	---	3100	1900	790	3200	74	<15	---	---	---	---
GMW-O-14	10/09/03	43000	18000	---	---	---	8700	4200	1300	5300	180	<50	---	---	---	---
GMW-O-14	01/29/04	55000	19000	---	---	---	13000	6900	1400	5600	240	<50	---	---	---	---
GMW-O-14	04/20/04	54000	32000	---	---	---	11000	5700	1500	6100	170	<50	---	---	---	---
GMW-O-14	07/20/04	72000	18000	---	---	---	13000	8200	1700	7400	200	<50	---	---	---	---
GMW-O-14	11/04/04	41000	23000	---	---	---	9000	7000	1300	5500	<200	<100	---	---	---	---
GMW-O-14	02/03/05	34000	4600	---	---	---	8600	2300	950	3100	69	34	---	---	---	---
GMW-O-14	05/04/05	420	680	---	---	---	11	1.6	18	18.8	6.5	<0.50	---	---	---	---
GMW-O-14	08/03/05	15000	11000	---	---	---	160	600	290	1840	<10	<5	---	---	---	---
GMW-O-14	11/02/05	14000	14000	---	---	---	320	350	160	2690	<40	<20	---	---	---	---
GMW-O-14	02/28/06	8200	12000	---	---	---	860	87	18	1020	15	<5	---	---	---	---
GMW-O-14	05/05/06	6700	9600	---	---	---	1500	77	<10	450	35	<10	---	---	---	---
GMW-O-14	09/20/06	6900	4200	---	---	---	1400	250	39	640	30	<10	---	---	---	---
GMW-O-14	12/07/06	9000	17000	---	---	---	1400	150	27	501	36	<10	---	---	---	---
GMW-O-14	03/12/07	4700	1300	---	---	---	1000	180	26	400	23	<5	---	---	---	---
GMW-O-14	05/04/07	8200	3300	---	---	---	1700	330	48	570	44	<10	---	---	---	---
GMW-O-14	08/28/07	12000	6200	---	---	---	75	110	200	1000	<5	<2.5	---	---	---	---
GMW-O-14	11/15/07	16000	74000	---	---	---	320	300	520	2470	<20	<10	---	---	---	---
GMW-O-14	02/20/08	35000	7700	---	---	---	7900	1900	1200	3400	<100	<50	---	---	---	---
GMW-O-14	04/15/08	26000	31000	---	---	---	4900	1800	840	2800	59	<25	---	---	---	---
GMW-O-14	08/14/08	25000	44000	---	---	---	4300	1100	730	2800	70	<25	---	---	---	---
GMW-O-14	10/16/08	21000	12000	---	---	---	3200	940	500	3000	<30	<15	---	---	---	---
GMW-O-14	02/23/09	30000	12000	---	---	---	6100	3500	1200	3900	77	<25	<500	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-14	04/22/09	36000	8300	---	---	---	9300	2300	1300	3500	120	<50	<1000	170	<100	<100
GMW-O-14	07/22/09	32000	12000	---	---	---	7800	1900	1500	4100	86	<25	<500	130	<50	<50
GMW-O-14	10/23/09	40000	21000	---	---	---	14000	1900	1500	3500	<200	<100	<2000	<200	<200	<200
GMW-O-14	03/16/10	57000	24000	---	---	---	14000	6200	1700	4700	<200	<100	<2000	310	<200	<200
GMW-O-14	05/28/10	26000	7400	---	---	---	7900	1500	370	2180	110	<25	<500	180	<50	<50
GMW-O-14	07/14/10	22000	6700	---	---	---	7900	420	77	1500	100	<50	<1000	130	<100	<100
GMW-O-14	10/07/10	16000	3200	---	---	---	5900	200	220	680	<100	<50	<1000	<100	<100	<100
GMW-O-14	01/11/11	49000	11000	---	---	---	12000	5500	1400	2700	120	<50	<1000	190	<100	<100
GMW-O-14	04/13/11	26000	9800	---	---	---	8200	470	680	2300	<100	<50	<1000	160	<100	<100
GMW-O-14	07/12/11	12000	5500	---	---	---	3800	50	<25	1800	<50	<25	<500	<50	<50	<50
GMW-O-14	10/12/11	16000	3400	---	---	---	4000	55	<25	2500	<50	<25	<500	<50	<50	<50
GMW-O-14	01/09/12	38000	11000	---	---	---	9000	2200	1200	4300	<200	<100	<2000	<200	<200	<200
GMW-O-14	04/20/12	47000	---	2500	---	---	11000	1100	1500	5000	<100	<50	<1000	170	<100	<100
GMW-O-14	07/10/12	48000	---	390	---	---	12000	3500	1200	3700	<100	<50	<1000	270	<100	<100
GMW-O-14	10/18/12	15000	---	2700	---	---	2600	1100	520	1800	<50	<25	<500	70	<50	<50
GMW-O-14	01/15/13	7700	---	8300	---	---	1200	72	420	1300	<20	<10	<200	25	<20	<20
GMW-O-14	04/11/13	27000	---	3700	---	---	6900	200	1800	2300	61	<25	<500	180	<50	<50
GMW-O-14	10/11/13	54000	---	3000	---	---	14000	760	2200	3000	<130	64	<1300	260	<130	<130
GMW-O-14	04/16/14	32000	---	1900	---	---	9700	130	1500	1500	<200	<100	<2000	<200	<200	<200
GMW-O-14	10/31/14	19000	---	1300	---	---	6600	50	730	350	<50	<25	<500	200	<50	<50
GMW-O-14	04/23/15	15000	---	1100	---	---	6900	59	530	92	<50	26	2000	220	<50	<50
GMW-O-14	10/26/15	24000	---	890	---	---	12000	<100	570	<100	<200	<100	<2000	220	<200	<200
GMW-O-14	03/15/16	21000	---	440	---	---	11000	<50	240	250	<100	<50	<1000	240	<100	<100
GMW-O-14	04/15/16	3200	---	930	---	---	1300	<10	<10	<10	<20	13	<200	100	<20	<20
GMW-O-14	06/29/16	13000	---	430	---	---	6300	80	270	200	<40	30	<400	230	<40	<40
GMW-O-14	08/23/16	6000	---	380	---	---	3100	18	36	46	13	19	150	130	<60	12
GMW-O-14	10/07/16	30000	---	640	---	---	12000	72	390	290	<100	<50	<1000	220	<100	<100
GMW-O-14	04/21/17	250	---	620	---	---	0.59	<0.50	0.82	2.4	3.7	3.5	15	30	<1	<1
GMW-O-14	10/06/17	13000	---	2300	---	---	5700	140	190	150	<50	<25	<500	190	<50	<50
GMW-O-14	04/20/18	1400	---	1900	---	---	640	<4	<4	4.1	<8	11	<80	130	<8	<8
GMW-O-14	11/09/18	8600	---	620	---	---	5100	<40	<40	<40	<80	<40	<800	150	<80	<80
GMW-O-14	04/18/19	1000 J	---	290	---	---	310 J	<1	2.1 J	<1	3 J	6.1	46	73	<2	<2
GMW-O-14	11/01/19	28000	---	1300	---	---	13,000	88	520	500	<100	<50	<1000	190	<100	<100
GMW-O-14	05/06/20	1300	---	940	---	---	320	2.5	<2.0	6.6	<4.0	3.4	44	69	<4.0	<4.0
GMW-O-14	08/20/20	4800	---	1500	---	---	2000	18	13	<10	<20	<10	<200	94	<20	<20
GMW-O-14	11/09/20	5700	---	2600	---	---	2500	13	<10	<10	<20	<10	<200	110	<20	<20
GMW-O-14	02/24/21	810	---	1600	---	---	26	6.6	2.0	4.0	<2.0	2.4	62	46	<2.0	<2.0
GMW-O-14	05/05/21	730 J	---	1000	---	---	220	3.2	2.7	5.3	<2.0	2.0	55	50	<2.0	<2.0
GMW-O-14	09/01/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-14	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-14	03/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-14	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-15	10/16/08	1700	2800	---	---	---	550	3	37	34.1	<5	110	---	---	---	---
GMW-O-15	03/16/10	530	8900	---	---	---	10	1.1	0.64	2.7	<0.50	400	<10	<1	<1	1.9
GMW-O-15	04/16/10	6700	62000	---	---	---	1700	54	120	176	<10	1300	1800	<10	<10	11
GMW-O-15	05/25/10	650	5600	---	---	---	82	16	8.4	44	<2	180	1500	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-15	07/13/10	580	250	---	---	---	110	7.5	11	27	<1	300	5100	<1	<1	1.5
GMW-O-15	08/12/10	710	370	---	---	---	120	4.1	10	34	<1	260	5300	<1	<1	1.5
GMW-O-15	09/20/10	620	500	---	---	---	120	3.3	13	24	<1	230	6000	<1	<1	1.4
GMW-O-15	10/05/10	14000	6000	---	---	---	1800	280	92	760	<20	3200	3000	<20	<20	35
GMW-O-15	11/23/10	1800	7700	---	---	---	<1	4.1	4.4	33	<2	<1	<20	<2	<2	<2
GMW-O-15	12/22/10	28000	19000	---	---	---	3900	610	850	3000	<40	1900	1300	<40	<40	<40
GMW-O-15	01/12/11	12000	15000	---	---	---	1300	49	280	700	<20	430	12000	<20	<20	<20
GMW-O-15	02/24/11	12000	10000	---	---	---	700	450	310	1300	<10	970	4100	<10	<10	20
GMW-O-15	03/23/11	2400	4300	---	---	---	210	47	39	190	<2	310	3600	<2	<2	5.2
GMW-O-15	04/29/11	1200	1500	---	---	---	250	27	27	154	<2	350	3900	<2	<2	2.4
GMW-O-15	05/13/11	1300	1600	---	---	---	200	18	22	127	<2	350	6600	<2	<2	3.6
GMW-O-15	06/22/11	1800	1200	---	---	---	190	95	34	220	<1	310	6800	<1	<1	1.8
GMW-O-15	07/12/11	1000	970	---	---	---	150	17	14	97	<2	220	6400	<2	<2	<2
GMW-O-15	08/19/11	33000	550000	---	---	---	820	2200	610	4400	<50	290	9200	<50	<50	<50
GMW-O-15	09/22/11	3400	1000	---	---	---	480	290	58	320	<5	640	6800	<5	<5	10
GMW-O-15	10/13/11	3900	1600	---	---	---	530	290	73	460	<10	220	3200	<10	<10	<10
GMW-O-15	12/21/11	520	570	---	---	---	110	1.5	5.7	22	<2	79	5300	<2	<2	<2
GMW-O-15	01/10/12	470	1200	---	---	---	110	1.3	6.9	15	<1	86	4300	<1	<1	1.2
GMW-O-15	02/23/12	4800	6900	---	---	---	340	390	85	600	<5	110	4000	<5	<5	17
GMW-O-15	03/28/12	1300	---	120	---	---	230	68	13	110	<2	99	4600	<2	<2	<2
GMW-O-15	04/27/12	2100	---	1300	---	---	180	67	16	160	<1	49	4300	<1	<1	1
GMW-O-15	05/25/12	110000	---	24000	---	---	320	270	420	3400	<100	190	<1000	<100	<100	100
GMW-O-15	07/11/12	17000	---	13000	---	---	6700	63	120	270	<100	1500	1600	<100	<100	<100
GMW-O-15	08/29/12	190	---	89	---	---	73	1.2	3.3	8.1	<0.50	22	5300	<1	<1	<1
GMW-O-15	09/26/12	220	---	<50	---	---	53	0.74	3.7	7.3	<0.50	17	2900	<1	<1	<1
GMW-O-15	10/18/12	210	---	140	---	---	50	<0.50	3.3	5.9	<1	13	2600	<1	<1	<1
GMW-O-15	11/29/12	380	---	75	---	---	140	1.3	3	6.4	<2	33	3900	<2	<2	<2
GMW-O-15	12/26/12	1400	---	110	---	---	100	23	3.4	20	<0.50	22	3900	<1	<1	<1
GMW-O-15	01/15/13	1200	---	<50	---	---	240	29	16	45	<3	52	3100	<3	<3	<3
GMW-O-15	02/20/13	230	---	<50	---	---	59	<0.50	2.5	3.2	<1	14	3100	<1	<1	<1
GMW-O-15	04/12/13	460	---	110	---	---	89	2.3	4.6	5.5	<1	36	3600	<1	<1	<1
GMW-O-15	10/11/13	56000	---	88000	---	---	7600	2300	750	4100	<100	8000	7100	<100	<100	<100
GMW-O-15	10/27/15	120000	---	490000	---	---	12000	16000	2200	12000	<200	8800	<2000	<200	<200	210
GMW-O-15	04/14/16	370000	---	82000	---	---	5700	15000	4600	36000	<200	2800	3400	<200	<200	<200
GMW-O-15	11/08/18	11000	---	1600	---	---	140	67	30	1300	<10	650	2800	<10	<10	14
GMW-O-15	10/31/19	4400	---	6700	---	---	470	5.0	35	470	<8.0	530	5,900	<8.0	<8.0	18
GMW-O-15	05/08/20	9200	---	13000	---	---	1,600	9.6	140	650	<10	3,100	8,900	<10	<10	34
GMW-O-15	11/06/20	<1000	---	5600	---	---	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<100	<10	<10	<10
GMW-O-16	11/27/96	---	---	---	---	---	570	67	14	360	<5	120	---	---	---	---
GMW-O-16	07/17/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	310	---	---	---	---
GMW-O-16	01/06/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-16	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	76	---	---	---	---
GMW-O-16	11/13/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	---	---	---	---
GMW-O-16	05/07/99	<500	---	<500	---	---	0.66	<0.50	<0.50	0.72	<1	7.6	---	---	---	---
GMW-O-16	11/18/99	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-16	11/30/00	<300	<100	---	---	---	0.8	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
GMW-O-16	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	10/22/02	<300	<100	---	---	---	1.6	0.98	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	04/22/04	<50	3600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	07/20/04	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-16	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/05/05	92	<100	---	---	---	1.6	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
GMW-O-16	08/02/05	57	<100	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	93	---	---	---	---
GMW-O-16	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	57	---	---	---	---
GMW-O-16	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.3	---	---	---	---
GMW-O-16	05/04/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.3	---	---	---	---
GMW-O-16	09/19/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	---	---	---	---
GMW-O-16	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	11/14/07	<50	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-16	02/07/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	---	---	---	---
GMW-O-16	04/16/08	<50	<100	---	---	---	<0.50	1.2	0.59	5.5	<0.50	0.63	---	---	---	---
GMW-O-16	10/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	0.6	<0.50	0.65	---	---	---	---
GMW-O-16	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	<10	<1	<1	<1
GMW-O-16	10/21/09	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	03/16/10	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/16/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	05/26/10	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	<10	<1	<1	<1
GMW-O-16	07/13/10	<50	<100	---	---	---	0.73	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1	<1	<1
GMW-O-16	08/12/10	<50	<100	---	---	---	0.5	<0.50	<0.50	<0.50	<0.50	2.3	<10	<1	<1	<1
GMW-O-16	09/20/10	<50	170	---	---	---	0.69	<0.50	<0.50	<0.50	<0.50	3.1	<10	<1	<1	<1
GMW-O-16	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	11/16/10	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	<10	<1	<1	<1
GMW-O-16	12/22/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<1	<1	<1
GMW-O-16	01/11/11	<50	<100	---	---	---	0.52	<0.50	<0.50	<0.50	<0.50	0.94	<10	<1	<1	<1
GMW-O-16	02/24/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<1	<1	<1
GMW-O-16	03/23/11	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1	<1	<1
GMW-O-16	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	05/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	06/22/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1	<1	<1
GMW-O-16	07/12/11	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	08/19/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-O-16	09/22/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<1	<1	<1
GMW-O-16	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
GMW-O-16	11/28/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	12/21/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	0.5	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	1.4	<0.50	3.4	<10	<1	<1	<1
GMW-O-16	02/23/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-16	03/28/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<1	<1	<1
GMW-O-16	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.79	<10	<1	<1	<1
GMW-O-16	05/25/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	06/15/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	07/10/12	<50	---	<50	---	---	2.5	1.1	<0.50	0.7	<0.50	0.57	<10	<1	<1	<1
GMW-O-16	08/29/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	09/26/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.89	<0.50	0.7	<10	<1	<1	<1
GMW-O-16	11/29/12	<50	---	83	---	---	<0.50	<0.50	<0.50	0.56	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	12/26/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-O-16	01/15/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	<10	<1	<1	<1
GMW-O-16	02/20/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/10/13	170	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	24	<1	<1	<1
GMW-O-16	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/29/14	<50	---	<50	---	---	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/22/15	89	---	<50	---	---	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	22	<1	<1	<1
GMW-O-16	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/14/16	<50	---	310	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/18/17	66	---	<50	---	---	1.2	<0.50	<0.50	<0.50	<0.50	4	<10	<1	<1	<1
GMW-O-16	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/19/19	<50	---	53	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/31/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<10	<1.0	<1.0	<1.0
GMW-O-16	05/08/20	<50	---	51	---	---	<0.50	<0.50	<0.50	0.57	<0.50	0.81	<10	<1.0	<1.0	<1.0
GMW-O-16	11/05/20	320	---	160	---	---	<0.50	0.93	1.2	84	<0.50	1.3	<10	<1.0	<1.0	<1.0
GMW-O-16	05/06/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	1.8	<0.50	6.7	<10	<1.0	<1.0	<1.0
GMW-O-16	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-17	07/10/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-17	01/07/98	<100	---	<500	---	---	<0.50	0.64	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-17	05/21/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-O-17	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/05/99	<500	---	<500	---	---	0.64	<0.50	<0.50	<0.50	<1	0.58	---	---	---	---
GMW-O-17	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	10/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-17	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-17	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	26	<1	<1	<1
GMW-O-17	07/02/13	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/21/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/30/19	<50	---	93	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	05/06/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	05/04/21	<50	---	92	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	05/11/22	<50	---	55	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-18	11/26/96	---	---	---	---	---	<10	<10	<10	<30	<10	10000	---	---	---	---
GMW-O-18	07/11/97	<100	---	<500	---	---	<3	<3	<3	<3	<3	3000	---	---	---	---
GMW-O-18	01/07/98	<100	---	<500	---	---	<5	<5	<5	<15	<5	3200	---	---	---	---
GMW-O-18	05/21/98	2000	---	---	---	---	<100	<100	<100	<200	<100	5600	---	---	---	---
GMW-O-18	11/17/98	543	<100	---	---	---	<0.50	1	<0.50	2.6	<0.50	1420	---	---	---	---
GMW-O-18	05/06/99	2700	---	<500	---	---	<5	<5	<5	<5	<13	15000	---	---	---	---
GMW-O-18	11/18/99	2900	<100	---	---	---	<13	<12.5	<12.5	<12.5	<13	6700	---	---	---	---
GMW-O-18	05/19/00	3500	<100	---	---	---	<25	<25	<25	<25	<25	10000	---	---	---	---
GMW-O-18	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	---	---	---	---
GMW-O-18	05/09/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	---	---	---	---
GMW-O-18	12/07/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.65	---	---	---	---
GMW-O-18	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	---	---	---	---
GMW-O-18	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	---	---	---	---
GMW-O-18	04/15/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-18	10/15/08	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
GMW-O-18	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	140	<1	<1	<1
GMW-O-18	10/21/09	2400	680	---	---	---	170	440	17	410	<5	490	480	<5	<5	<5
GMW-O-18	03/16/10	<50	<100	---	---	---	0.6	1.3	<0.50	1.77	<0.50	4.5	550	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-18	04/16/10	1300	6600	---	---	---	0.67	<0.50	3.1	12.9	<0.50	1.2	2400	<1	<1	<1
GMW-O-18	05/25/10	110	540	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.9	6500	<1	<1	<1
GMW-O-18	07/14/10	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	11000	<1	<1	<1
GMW-O-18	08/12/10	220	<100	---	---	---	0.64	<0.50	<0.50	<0.50	<1	0.93	15000	<1	<1	<1
GMW-O-18	09/20/10	290	<100	---	---	---	1.1	<0.50	<0.50	0.55	<1	1.2	23000	<1	<1	<1
GMW-O-18	10/05/10	4000	<1100	---	---	---	1200	420	23	91	<10	670	2600	<10	<10	<10
GMW-O-18	11/16/10	<2000	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.53	21000	<1	<1	<1
GMW-O-18	01/12/11	<3000	130	---	---	---	<1	<1	<1	<1	<2	<1	29000	<2	<2	<2
GMW-O-18	02/24/11	1400	2100	---	---	---	60	31	19	85	<0.50	380	1600	<1	<1	3.9
GMW-O-18	03/23/11	110	230	---	---	---	6	1.4	1.1	6.3	<0.50	2.9	3300	<1	<1	<1
GMW-O-18	04/29/11	<50	120	---	---	---	3.7	<0.50	<0.50	1.7	<0.50	7.5	780	<1	<1	<1
GMW-O-18	05/13/11	<100	230	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-O-18	06/22/11	7500	37000	---	---	---	<0.50	<0.50	<0.50	440	<1	5.5	3200	<1	<1	<1
GMW-O-18	08/19/11	2600	12000	---	---	---	17	3.9	3.2	40	<2	85	61	<2	<2	<2
GMW-O-18	09/22/11	34000	64000	---	---	---	700	110	690	5300	<50	400	6100	<50	<50	54
GMW-O-18	10/14/11	6000	36000	---	---	---	190	13	36	100	<20	1600	6600	<20	<20	26
GMW-O-18	11/23/11	25000	150000	---	---	---	65	<10	51	<10	<20	310	6000	<20	<20	22
GMW-O-18	12/21/11	190	26000	---	---	---	<0.50	<0.50	<0.50	0.53	<0.50	70	1600	<1	<1	<1
GMW-O-18	01/10/12	570	1400	---	---	---	100	<0.50	5.3	3.9	<1	110	4800	<1	<1	2.2
GMW-O-18	02/23/12	180	140	---	---	---	8.8	6.8	0.84	7.8	<0.50	5.9	9200	<1	<1	<1
GMW-O-18	03/28/12	140	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	10000	<1	<1	<1
GMW-O-18	05/25/12	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	7700	<1	<1	<1
GMW-O-18	06/15/12	180	---	50	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.6	17000	<1	<1	<1
GMW-O-18	07/11/12	180	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14000	<1	<1	<1
GMW-O-18	08/30/12	71	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14000	<1	<1	<1
GMW-O-18	09/26/12	55	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8900	<1	<1	<1
GMW-O-18	10/30/12	110	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	11000	<1	<1	<1
GMW-O-18	11/29/12	110	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10000	<1	<1	<1
GMW-O-18	12/26/12	76	---	240	---	---	22	2.1	0.82	2.4	<0.50	5.5	850	<1	<1	<1
GMW-O-18	01/15/13	91	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8000	<1	<1	<1
GMW-O-18	04/12/13	<100	---	58	---	---	<0.50	0.51	<0.50	0.53	<1	<0.50	4000	<1	<1	<1
GMW-O-18	10/10/13	120	---	<50	---	---	2.2	1.1	<0.50	6	<0.50	<0.50	6000	<1	<1	<1
GMW-O-18	11/03/15	2900	---	49000	---	---	62	150	39	230	<3	100	1800	<3	<3	<3
GMW-O-18	04/14/16	11000000	---	5900000	---	---	53000	620000	310000	2300000	<10000	6000	<100000	<10000	<10000	<10000
GMW-O-18	04/18/19	5600	---	5800	---	---	38	<2.5	290	37	<5	4.8	6400	<5	<5	<5
GMW-O-18	10/31/19	5900	---	10000	---	---	39	<2.5	300	26	<5.0	12	3,400	<5.0	<5.0	<5.0
GMW-O-18	05/07/20	3400	---	5400	---	---	31	<1.0	300	8.6	<2.0	4.4	4,300	<2.0	<2.0	<2.0
GMW-O-18	11/06/20	9700	---	4700	---	---	14	9.4	210	21	<10	<5.0	430	<10	<10	<10
GMW-O-18	05/05/21	3600	---	2700	---	---	<2.0	<2.0	59	4.6	<4.0	6.6	520	<4.0	<4.0	<4.0
GMW-O-18	11/04/21	3500	---	5100	---	---	<1.0	<1.0	47	4.3	<2.0	1.4	570	<2.0	<2.0	<2.0
GMW-O-18	05/12/22	1600	---	5800	---	---	<0.50	0.66	4.6	2.0	<1.0	<0.50	91	<1.0	<1.0	<1.0
GMW-O-19	11/25/96	---	---	---	---	---	<0.50	<0.87	2.8	5.1	<0.50	<5	---	---	---	---
GMW-O-19	07/16/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
GMW-O-19	01/06/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-O-19	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	2	---	---	---	---
GMW-O-19	11/12/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-19	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.51	---	---	---	---
GMW-O-19	11/18/99	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	---	---	---	---
GMW-O-19	05/17/00	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/09/03	<50	500	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	08/01/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/22/04	<50	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	07/20/04	---	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
GMW-O-19	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	05/05/05	510	110	---	---	---	110	<0.50	17	24.5	<1	150	---	---	---	---
GMW-O-19	08/02/05	160	<100	---	---	---	2.1	<0.50	1.2	<0.50	<0.50	19	---	---	---	---
GMW-O-19	11/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	05/04/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	10/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-O-19	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/20/09	<50	<200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/16/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/13/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/12/10	<50	<100	---	---	---	0.52	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/20/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/06/10	<50	340	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/16/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	12/22/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	02/24/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/23/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	06/22/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/19/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/22/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/11/11	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/28/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	12/21/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/10/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-19	02/23/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/28/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/25/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	06/15/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/29/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/26/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/29/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	70	<1	<1	<1
GMW-O-19	12/26/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.52	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/15/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	02/20/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/09/13	110	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/18/17	52	---	<50	---	---	2.2	2.8	<0.50	11	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/19/19	<50	---	530	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/31/19	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	05/08/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	11/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	05/06/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-20	10/05/10	46000	<150000	---	---	---	17000	390	680	2700	<200	<100	<2000	<200	<200	<200
GMW-O-20	04/13/11	42000	680000	---	---	---	12000	170	580	400	<200	<100	<2000	<200	<200	<200
GMW-O-20	10/13/11	34000	2000000	---	---	---	6300	460	240	850	<100	<50	<1000	<100	<100	<100
GMW-O-20	04/20/12	48000	---	230000	---	---	11000	520	350	2500	<100	<50	<1000	<100	<100	<100
GMW-O-20	10/19/12	36000	---	340000	---	---	6100	1000	360	2700	<50	<25	<500	<50	<50	<50
GMW-O-20	06/29/16	23000	---	7500	---	---	6800	560	370	1300	<40	51	<400	<40	<40	<40
GMW-O-20	08/23/16	13000	---	31000	---	---	2600	260	150	1300	1.6	27	79	5.8	<60	<60
GMW-O-20	10/07/16	35000	---	95000	---	---	2700	930	230	4200	<40	38	<400	<40	<40	<40
GMW-O-20	04/21/17	2900	---	5900	---	---	850	14	24	85	<10	24	<200	<10	<10	<10
GMW-O-20	10/06/17	6500	---	21000	---	---	460	16	36	290	<4	7.4	<40	10	<4	<4
GMW-O-20	05/15/18	82	---	340	---	---	2.7	<0.50	<0.50	3.2	<0.50	4.6	10	4.1	<1	<1
GMW-O-20	11/08/18	1300	---	2700	---	---	86	3.6	2.7	31	<1	5.2	22	6.9	<1	<1
GMW-O-20	04/23/19	1200	---	1400	---	---	240	7.2	27	59	<2	22	42	14	<2	<2
GMW-O-20	05/06/20	1600	---	5100	---	---	56	1.4	5.0	70	<1.0	3.8	110	5.1	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-20	08/20/20	610	---	1800	---	---	100	0.77	4.0	1.3	<1.0	14	17	8.7	<1.0	<1.0
GMW-O-20	11/09/20	400	---	850	---	---	51	1.3	0.51	1.4	<0.50	17	18	14	<1.0	<1.0
GMW-O-20	02/24/21	570	---	620	---	---	140	<1.0	4.8	<1.0	<2.0	8.7	<20	4.3	<2.0	<2.0
GMW-O-20	05/04/21	640	---	530	---	---	200	1.4	6.2	1.5	<2.0	8.8	<20	12	<2.0	<2.0
GMW-O-20	09/01/21	210	---	3200	---	---	7.5	<1.0	<1.0	1.4	<2.0	11	620	9.0	<2.0	<2.0
GMW-O-20	11/05/21	96	---	1000	---	---	1.5	<0.50	<0.50	0.64	<0.50	9.9	120	12	<1.0	<1.0
GMW-O-20	03/10/22	<100	---	1400	---	---	0.69	<0.50	<0.50	<0.50	<1.0	1.8	94	5.3	<1.0	<1.0
GMW-O-20	05/12/22	320	---	1400	---	---	<0.50	<0.50	<0.50	0.69	<1.0	1.3	25	2.4	<1.0	<1.0
GMW-O-21	10/07/03	47000	20000	---	---	---	15000	5200	500	3160	<100	5200	---	---	---	---
GMW-O-21	10/08/10	66000	8000	---	---	---	19000	8200	1200	3800	<200	<100	<2000	<200	<200	<200
GMW-O-21	04/29/11	18000	5300	---	---	---	7400	2400	190	1940	<50	95	<500	86	<50	<50
GMW-O-21	10/14/11	31000	6400	---	---	---	8300	4100	290	2400	<100	51	<1000	<100	<100	<100
GMW-O-21	04/19/12	32000	---	1200	---	---	11000	4400	230	3000	<100	<50	<1000	<100	<100	<100
GMW-O-21	10/19/12	1200	---	880	---	---	370	71	4.8	66	<2	3.2	96	8.7	<2	<2
GMW-O-21	10/07/16	18000	---	2000	---	---	2900	21	280	1600	<40	<20	<400	<40	<40	<40
GMW-O-21	04/21/17	3100	---	1100	---	---	55	5.7	11	180	<2	<1	<20	<2	<2	<2
GMW-O-21	10/06/17	9700	---	750	---	---	4300	<20	22	<20	<40	<20	<400	52	<40	<40
GMW-O-21	04/20/18	2000	---	2100	---	---	1000	6.8	8.9	<5	<10	<5	<100	15	<10	<10
GMW-O-21	11/09/18	<8000	---	2400	---	---	4300	<40	<40	<40	<80	<40	<800	<80	<80	<80
GMW-O-21	04/18/19	140	---	64	---	---	14	0.64	0.72	<0.50	<0.50	5.9	13	15	<1	<1
GMW-O-21	11/01/19	7600	---	1100	---	---	3,900	12	120	79	<20	<10	<200	32	<20	<20
GMW-O-21	05/06/20	<50	---	64	---	---	<0.50	<0.50	<0.50	0.54	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-21	08/20/20	7300	---	680	---	---	3400	19	37	120	110	<15	<300	<30	<30	<30
GMW-O-21	11/09/20	4900	---	730	---	---	2300	<10	31	16	<20	<10	<200	26	<20	<20
GMW-O-21	02/24/21	7500	---	680	---	---	2,700	<10	<10	26	<20	<10	<200	<20	<20	<20
GMW-O-21	05/05/21	4100	---	1700	---	---	1,100	10	8.2	20	<10	<5.0	<100	<10	<10	<10
GMW-O-21	09/01/21	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	1.1	<1.0	<1.0
GMW-O-21	11/05/21	<100	---	310	---	---	3.2	<0.50	<0.50	<0.50	<1.0	9.8	18	16	<1.0	<1.0
GMW-O-21	03/10/22	<50	---	93	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-21	05/12/22	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.7	<10	1.5	<1.0	<1.0
GMW-O-23	10/08/10	120000	25000	---	---	---	22000	21000	1800	8100	<200	2600	<2000	<200	<200	<200
GMW-O-23	04/13/11	75000	12000	---	---	---	15000	13000	850	5800	<200	1700	<2000	<200	<200	<200
GMW-O-23	10/13/11	65000	7200	---	---	---	16000	11000	540	3800	<200	1500	<2000	<200	<200	<200
GMW-O-23	10/19/12	29000	---	31000	---	---	7000	5000	130	1900	<100	400	<1000	<100	<100	<100
GMW-O-23	06/29/16	17000	---	120000	---	---	250	89	88	1700	<10	20	<100	<10	<10	<10
GMW-O-23	08/23/16	8700	---	160000	---	---	81	13	16	620	0.26	8.2	81	0.47	<20	<20
GMW-O-23	10/07/16	2800	---	170000	---	---	15	<4	9.3	110	<8	5	<80	<8	<8	<8
GMW-O-23	04/21/17	1600	---	1300	---	---	11	3.6	1.6	220	<2	4	<20	3.5	<2	<2
GMW-O-23	10/06/17	<50	---	1300	---	---	0.78	<0.50	0.6	2.1	<0.50	0.99	24	4.9	<1	<1
GMW-O-23	04/20/18	110	---	1200	---	---	0.99	<0.50	<0.50	<0.50	<1	5.6	120	30	<1	<1
GMW-O-23	11/08/18	78	---	1500	---	---	0.59 J	<0.50	<0.50	<0.50	<0.50	1.2	30 J	13	<1	<1
GMW-O-23	04/18/19	<100	---	1500	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.94	140	27	<1	<1
GMW-O-23	05/06/20	<100	---	660	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	1.5	41	25	<1.0	<1.0
GMW-O-23	08/20/20	<100	---	490	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	3.2	200	38	<1.0	<1.0
GMW-O-23	11/06/20	100	---	550	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	2.4	75	33	<1.0	<1.0
GMW-O-23	02/24/21	120	---	440	---	---	11	<0.50	<0.50	<0.50	<1.0	6.4	120	23	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-O-23	05/04/21	110	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.4	40	37	<1.0	<1.0
GMW-O-23	09/01/21	57	---	290	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.3	<10	12	<1.0	<1.0
GMW-O-23	11/05/21	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.5	<10	9.5	<1.0	<1.0
GMW-O-23	03/10/22	75	---	91	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	2.4	<1.0	<1.0
GMW-O-23	05/12/22	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	16	2.9	<1.0	<1.0
GMW-O-24	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<10	<1	<1	<1
GMW-O-24	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	<10	<1	<1	<1
GMW-O-24	10/23/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
GMW-O-24	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/23/15	<50	---	74	---	---	0.7	<0.50	<0.50	0.97	<0.50	0.5	20	<1	<1	<1
GMW-O-24	06/30/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
GMW-O-24	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/21/17	<50	---	<50	---	---	0.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/18/18	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	02/25/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	08/31/21	<50	---	82	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	03/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	05/11/22	<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	---	---	---	---	---	<0.50	<0.50	<0.50	5.8	<0.50	<5	---	---	---	---
GMW-SF-7	07/11/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	8.7	---	---	---	---
GMW-SF-7	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
GMW-SF-7	05/19/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/11/98	<300	<100	---	---	---	0.96	<0.50	<0.50	1.3	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/07/99	<500	---	<500	---	---	1	4.1	<0.50	1.8	<1	1.3	---	---	---	---
GMW-SF-7	11/18/99	350	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	200	---	---	---	---
GMW-SF-7	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	02/01/02	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
GMW-SF-7	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	---	---	---	---
GMW-SF-7	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.1	---	---	---	---
GMW-SF-7	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.73	---	---	---	---
GMW-SF-7	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	01/28/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	32	---	---	---	---
GMW-SF-7	07/19/04	550	<100	---	---	---	<1	<1	<1	<1	<2	680	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-SF-7	11/02/04	220	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	340	---	---	---	---
GMW-SF-7	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	09/18/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	08/30/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	11/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	10/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-7	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	81	<1	<1	<1
GMW-SF-7	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/29/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	05/07/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	11/22/96	<100	---	<500	---	---	4.5	<1	<1	<3	<1	920	---	---	---	---
GMW-SF-8	07/11/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	140	---	---	---	---
GMW-SF-8	01/06/98	<100	---	<500	---	---	4.1	<0.50	<0.50	<1.5	<0.50	450	---	---	---	---
GMW-SF-8	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<1	0.9	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-SF-8	11/12/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	40	---	---	---	---
GMW-SF-8	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	4.8	---	---	---	---
GMW-SF-8	11/18/99	660	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	800	---	---	---	---
GMW-SF-8	05/17/00	<300	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	42	---	---	---	---
GMW-SF-8	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	220	---	---	---	---
GMW-SF-8	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	20	---	---	---	---
GMW-SF-8	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	---
GMW-SF-8	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	---	---	---	---
GMW-SF-8	10/22/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	5.2	---	---	---	---
GMW-SF-8	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	---	---	---	---
GMW-SF-8	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	---	---	---	---
GMW-SF-8	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	10/06/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	01/27/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	07/19/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/03/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	08/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/01/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/02/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	09/18/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
GMW-SF-8	12/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	05/04/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/16/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	10/14/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GMW-SF-8	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GMW-SF-8	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/19/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/29/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/07/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-9	09/24/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	9.2	---	---	---	---
GMW-SF-9	10/10/03	79	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	14	---	---	---	---
GMW-SF-9	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-9	04/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-9	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	40	<1	<1	<1
GMW-SF-9	10/12/11	<100	1300	---	---	---	1.5	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-SF-9	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	110	<1	<1	<1
GMW-SF-9	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	270	<1	<1	<1
GMW-SF-10	09/24/03	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	210	---	---	---	---
GMW-SF-10	10/10/03	100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	120	---	---	---	---
GMW-SF-10	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	04/14/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	10/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GW-1	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.84	2.3	<10	<2	<2	<2
GW-1	08/03/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-1	04/29/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	4.7	<2	<10	<2	<2	<2
GW-1	10/21/15	<100	---	<100	---	---	2.3	<0.50	4.2	15	4.9	<2	<10	<2	<2	<2
GW-1	10/05/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	9.1	<1	<10	<2	<2	<2
GW-1	04/19/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.8	<1	<10	<2	<2	<2
GW-2	01/12/10	<100	---	---	---	120	3.6	<0.50	<0.50	<0.50	23	1.8	8.8 J	2.6	<2	<2
GW-2	10/08/10	180	---	---	---	800	18	---	---	---	4.6	1.4	21	---	---	---
GW-2	04/19/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	0.6	<10	<2	<2	<2
GW-2	07/10/12	---	---	---	---	110	2.4	<0.50	<0.50	0.24	6.2	0.69	10	0.79 J	<2	<2
GW-2	04/11/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	11	1.2	<10	0.46 J	<2	<2
GW-2	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	4.3	0.55	<10	<2	<2	<2
GW-2	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	3.3	0.51	<10	<2	<2	<2
GW-2	11/03/14	1800	---	230	---	---	31	4	65	350	2.5	<2	<10	<2	<2	<2
GW-2	04/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	2.4	<2	<10	<2	<2	<2
GW-2	10/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.1	<2	<10	<2	<2	<2
GW-2	04/12/16	<100	---	<100	---	---	1	<0.50	1.9	6.1	1.2	<1	<10	<2	<2	<2
GW-2	10/05/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.6	<1	<10	<2	<2	<2
GW-2	04/19/17	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	0.5	<1	<10	<2	<2	<2
GW-2	10/05/17	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	1.9	<1	<10	<2	<2	<2
GW-2	04/19/18	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GW-2	11/08/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	0.51	<1	<10	<2	<2	<2
GW-2	04/18/19	<100	---	260	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
GW-2	11/05/19	<100	---	240	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	05/07/20	<100	---	270	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	10/26/20	<100	---	160	---	---	<0.50	<0.50J	<0.50J	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	05/06/21	<100	---	130	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	11/03/21	<100	---	200	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	05/16/22	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	04/11/03	---	134	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GW-3	10/11/03	---	300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
GW-3	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<2	<2	<2
GW-3	11/04/04	---	3900	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/10/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/03/06	---	200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	12/06/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/24/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	<2	<2	<2
GW-3	10/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/15/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	18	<2	<2	<2
GW-3	04/11/13	---	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	9.6 J	<2	<2	<2
GW-3	10/07/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	04/21/15	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	10/23/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-3	04/12/16	<100	---	<100	---	---	1	<0.50	2.2	6.9	<0.50	<1	<10	<2	<2	<2
GW-3	10/05/16	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/19/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	10/02/17	<100	---	290	---	---	2.4	<0.50	6	2	<0.50	<1	<10	<2	<2	<2
GW-3	10/25/17	---	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/19/18	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	11/08/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	04/17/19	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-3	10/29/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	05/04/20	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	10/22/20	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	05/06/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	11/01/21	<100	---	160	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	05/11/22	<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	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.6	<10	<2	<2	<2
GW-4	10/22/15	<100	---	4100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-4	10/10/16	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GW-6	11/06/98	339	<100	---	---	---	9.3	1.1	8.4	6.6	<0.50	<0.50	---	---	---	---
GW-6	05/27/99	<300	<100	---	---	---	62	<0.50	12	<0.50	<0.50	<0.50	---	---	---	---
GW-6	11/18/99	690	930	---	---	---	90	<1	80	<0.50	<0.50	<0.50	---	---	---	---
GW-6	05/17/00	<300	160	---	---	---	1.7	<0.50	2.5	<0.50	<0.50	19	---	---	---	---
GW-6	12/01/00	<300	180	---	---	---	3.7	<0.50	1.6	<0.50	<0.50	21	---	---	---	---
GW-6	05/10/01	<300	140	---	---	---	0.7	<0.50	<0.50	<0.50	<0.50	23	---	---	---	---
GW-6	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	21	---	---	---	---
GW-6	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	9.6	---	---	---	---
GW-6	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
GW-6	10/10/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	---	---	---	---
GW-6	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	11/04/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/10/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/02/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
GW-6	10/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<2	<2	<2
GW-6	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<2	<2	<2
GW-6	10/05/10	---	---	---	---	110	<0.50	---	---	---	<0.50	1.1	4.7 J	---	---	---
GW-6	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<2	<2	<2
GW-6	04/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
GW-6	10/19/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<2	<2	<2
GW-6	04/10/13	---	---	130 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<2	<2	<2
GW-6	10/08/13	<100	---	180 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	12	<2	<2	<2
GW-6	04/15/14	<100	---	<95	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-6	04/21/15	<100	---	250	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	25	<2	<2	<2
GW-6	10/05/16	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	<10	<2	<2	<2
GW-6	04/19/17	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-6	10/05/17	<100	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.9	<10	<2	<2	<2
GW-6	04/18/18	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.7	<10	<2	<2	<2
GW-6	11/08/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-6	04/17/19	<100	---	410 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.6	<10	<2	<2	<2
GW-6	11/05/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	05/05/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	10/20/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
GW-6	05/05/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	11/02/21	<100	---	120	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	05/11/22	<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	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	---	---	---	---
GW-7	04/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-7	10/11/16	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-7	04/19/17	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GW-8	10/09/13	<100	---	190 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-8	04/18/14	<100	---	100 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-8	10/28/14	<100	---	180	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	04/24/15	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	10/22/15	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-8	10/07/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	10/03/17	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	04/18/18	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	11/09/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	04/16/19	<100	---	100 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-8	11/05/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/05/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	10/19/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/05/21	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	11/03/21	<100	---	120	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/11/22	<100	---	210	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(1")	11/15/07	---	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.5	20	<2	<2	<2
GW-13(6")	05/03/07	---	2800	---	---	---	<0.50	<0.50	<0.50	<0.50	0.83	5.3	31	<2	<2	<2
GW-13(6")	04/17/08	230	1300	---	---	---	<0.50	<0.50	<0.50	<0.50	0.99	4.4	28	<2	<2	<2
GW-13(6")	04/24/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	14	11	<10	2.1	<2	<2
GW-13(6")	01/12/10	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	21	4.8	5.2 J	3.7	<2	<2
GW-13(6")	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7.4	12	16	1.5 J	<2	<2
GW-13(6")	10/08/10	<100	---	---	---	120	<0.50	---	---	---	5	11	24	---	---	---
GW-13(6")	04/22/11	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	3.7	6.8	16	0.72 J	<2	<2
GW-13(6")	04/18/12	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	6.9	3	<10	1.2 J	<2	<2
GW-13(6")	07/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.6	0.78	<10	<2	<2	<2
GW-13(6")	04/10/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	9.1	1.7	19	2 J	<2	<2
GW-13(6")	10/09/13	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	2.4	0.92	<10	<2	<2	<2
GW-13(6")	04/16/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	9.2	1.4	<10	1.8 J	<2	<2
GW-13(6")	11/03/14	1500	---	170	---	---	9.4	2.4	53	280	7.6	<2	<10	<2	<2	<2
GW-13(6")	04/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	8.5	<2	<10	<2	<2	<2
GW-13(6")	10/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	6.2	<2	<10	<2	<2	<2
GW-13(6")	04/12/16	<100	---	<100	---	---	0.57	<0.50	1.6	5.4	6.6	<1	<10	<2	<2	<2
GW-13(6")	10/05/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	8.1	<1	<10	<2	<2	<2
GW-13(6")	04/19/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.7	<1	<10	<2	<2	<2
GW-13(6")	10/05/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.4	<1	<10	<2	<2	<2
GW-13(6")	04/19/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	4.1	1.6	<10	<2	<2	<2
GW-13(6")	11/08/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	1.6	<1	<10	<2	<2	<2
GW-13(6")	04/18/19	<100	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	<10	<2	<2	<2
GW-13(6")	11/05/19	<100	---	430	---	---	<0.50	<0.50	<0.50	<1.0	0.87	1.6	23	<2.0	<2.0	<2.0
GW-13(6")	05/11/20	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	0.66	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	10/22/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	05/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	11/01/21	<100	---	160	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	05/12/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GW-14(1")	11/15/07	---	950	---	---	---	35	<0.50	14	3.94	<0.50	18	20	<2	<2	<2
GW-14(1")	04/18/08	900	1000	---	---	---	78	<0.50	<0.50	2.25	<0.50	18	13	<2	<2	<2
GW-14(1")	10/22/09	110	---	---	---	900	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-14(1")	01/13/10	950	---	---	---	2100	62	0.35 J	1	1.4	<0.50	17	18	<2	<2	<2
GW-14(6")	05/03/07	---	4000	---	---	---	200	5.2	220	900	---	39	---	---	---	---
GW-14(6")	10/16/08	820	---	---	---	2700	40	<0.50	2.1	1	<0.50	22	16	<2	<2	<2
GW-14(6")	04/24/09	690	---	---	---	1600	66	<0.50	0.99	0.64	<0.50	13	14	<2	<2	<2
GW-14(6")	04/15/11	---	---	---	---	2600	---	---	---	---	---	---	---	---	---	---
GW-14(6")	04/22/11	---	---	---	---	---	76	<0.50	9.4	9.01	<0.50	17	7.8 J	<2	<2	0.87 J
GW-14(6")	04/20/12	1800 b	---	---	---	1300	19	<0.50	14	6.46	<0.50	8.5	<10	<2	<2	<2
GW-14(6")	07/10/12	---	---	---	---	2200	18	<0.50	16	10.6	<0.50	8.2	5.1 J	<2	<2	<2
GW-14(6")	04/12/13	1800 b	---	4800	---	---	30	<0.50	8.2	1.34 J	<0.50	13	10	<2	<2	0.82 J
GW-14(6")	10/09/13	1600 HD	---	3400 HD	---	---	48	<0.50	7.3	1.15	<0.50	15	<10	<2	<2	<2
GW-14(6")	04/17/14	2200 HD	---	7700 HD	---	---	32	<0.50	8.4	1.22	<0.50	11	64	<2	<2	<2
GW-14(6")	10/31/14	1700	---	3200	---	---	160	<0.50	1.1	0.62	<0.50	20	20	<2	<2	<2
GW-14R	10/26/20	1400	---	8100	---	---	7.5	<0.50J	5.5 J	1.2	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-14R	11/08/21	140	---	1800	---	---	1.9	<0.50	0.86	<1.0	<0.50	1.3	16	<2.0	<2.0	<2.0
GW-14R	05/26/22	<100	---	300	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/03/07	8500	1600	---	---	---	1100	1000	130	570	<0.50	<0.50	<10	<2	<2	<2
GW-15(6")	11/03/14	32000	---	11000	---	---	2700	78	1100	5100	<10	<40	<200	<40	<40	<40
GW-15(6")	04/21/15	7700	---	2100	---	---	250	<10	150	850	<10	<40	<200	<40	<40	<40
GW-15(6")	10/26/15	7500	---	38000	---	---	350	<2.5	120	660	<2.5	<10	<50	<10	<10	<10
GW-15(6")	10/11/16	8700	---	24000	---	---	730	<2.5	<2.5	<5	<2.5	<5	<50	<10	<10	<10
GW-15(6")	10/09/17	990	---	610	---	---	550	<5	<5	10	<5	<10	<100	<20	<20	<20
GW-15(6")	04/23/18	640	---	360	---	---	340	<5	<5	<10	<5	<10	<100	<20	<20	<20
GW-15(6")	11/15/18	<100	---	<100	---	---	11	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-15(6")	04/18/19	190	---	350	---	---	50	2.4	0.84	11	<0.50	<1	<10	<2	<2	<2
GW-15(6")	11/06/19	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/07/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	10/21/20	<100	---	8000 J	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/10/21	<100	---	120	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	11/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/11/22	<100	---	160	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	10/23/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	01/13/10	<100	---	---	---	460	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.4 J	<2	<2	<2
GW-16(6")	04/19/10	---	---	---	---	<100	<0.50	<0.50	2.6	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	10/08/10	<100	---	---	---	<100	1.7	---	---	---	<0.50	<0.50	5.5 J	---	---	---
GW-16(6")	04/12/11	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	76	<2	<2	<2
GW-16(6")	10/09/13	<100	---	1300 HD	---	---	1	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	04/17/14	<100	---	<98	---	---	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	11/03/14	2500	---	250	---	---	58	6	88	470	<0.50	<2	<10	<2	<2	<2
GW-16(6")	04/21/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
GW-16(6")	10/21/15	100	---	<100	---	---	7.1	<0.50	7.4	26	<0.50	<2	<10	<2	<2	<2
GW-16(6")	04/13/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	2.3	<0.50	<1	<10	<2	<2	<2
GW-16(6")	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GW-16(6")	10/03/17	<100	---	<100	---	---	2.2	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	04/17/18	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	11/09/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	04/16/19	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
GW-16(6")	10/30/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/05/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	10/21/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/05/21	<100	---	160	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	11/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/11/22	<100	---	230	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GWR-1	11/26/96	---	---	---	---	---	1500	21	150	102	<5	2700	---	---	---	---
GWR-1	07/16/97	1300	---	920	---	---	220	<5	360	28.8	<5	1800	---	---	---	---
GWR-1	01/09/98	210	---	<500	---	---	2.9	<0.50	40	240	<0.50	330	---	---	---	---
GWR-1	05/27/98	4100	---	---	---	---	960	90	90	240	<0.50	630	---	---	---	---
GWR-1	11/17/98	3830	3320	---	---	---	1200	74	99	387	<25	1070	---	---	---	---
GWR-1	05/07/99	4200	---	530	---	---	1600	22	96	290	<13	910	---	---	---	---
GWR-1	11/18/99	1300	800	---	---	---	220	<10	14	14	<10	690	---	---	---	---
GWR-1	05/16/00	880	1400	---	---	---	160	<10	16	16	6.1	550	---	---	---	---
GWR-1	11/30/00	3200	5300	---	---	---	1600	8.6	87	33	<0.50	360	---	---	---	---
GWR-1	05/08/01	4400	6900	---	---	---	1800	170	160	235	<10	370	---	---	---	---
GWR-1	11/06/01	2300	710	---	---	---	240	13	31	56	<0.50	2400	---	---	---	---
GWR-1	04/09/02	2500	1000	---	---	---	580	<10	18	57	<10	4000	---	---	---	---
GWR-1	10/23/02	1900	1900	---	---	---	270	<10	<10	<10	<10	2500	---	---	---	---
GWR-1	10/07/03	1400	500	---	---	---	150	1.7	7.5	19.7	110	1300	---	---	---	---
GWR-1	05/06/05	16000	39000	---	---	---	260	610	460	2060	<5	11	---	---	---	---
GWR-1	08/01/05	8300	3800	---	---	---	1700	490	370	1110	<20	25	---	---	---	---
GWR-1	05/04/06	3700	1900	---	---	---	980	23	120	343	<10	19	---	---	---	---
GWR-1	09/18/06	960	880	---	---	---	220	4.4	19	63.6	<2	5.4	---	---	---	---
GWR-1	05/02/07	750	720	---	---	---	170	1.3	12	<1	<2	4.1	---	---	---	---
GWR-1	04/17/08	3600	1500	---	---	---	1700	17	87	60	<30	21	---	---	---	---
GWR-1	04/20/09	5100	1700	---	---	---	3000	<15	48	<15	<30	31	<300	30	<30	<30
GWR-1	05/27/10	2100	1100	---	---	---	800	9.5	16	34	<10	23	<100	27	<10	<10
GWR-1	04/13/11	1300	2300	---	---	---	490	43	31	54	<5	4.1	160	5.2	<5	<5
GWR-1	04/20/12	450	---	230	---	---	84	<1	4.8	<1	<2	3.4	<20	4.9	<2	<2
GWR-1	10/18/12	440	---	240	---	---	140	2.2	<1.5	1.5	<3	8.6	68	15	<3	<3
GWR-1	04/11/13	<500	---	330	---	---	<2.5	<2.5	<2.5	<2.5	<5	9.1	68	13	<5	<5
GWR-1	10/11/13	<200	---	220	---	---	<1	<1	<1	<1	<2	6.7	120	12	<2	<2
GWR-1	04/17/14	130	---	90	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	180	10	<1	<1
GWR-1	10/30/14	<100	---	1000	---	---	<0.50	<0.50	<0.50	<0.50	<1	8.9	54	5.3	<1	<1
GWR-1R	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.72	<0.50	93	4.7	<1	<1
GWR-1R	10/05/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.96	<0.50	76	5.2	<1	<1
GWR-1R	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	0.52	90	5.7	<1	<1
GWR-1R	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	61	3.3	<1	<1
GWR-1R	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	28	1.4	<1	<1
GWR-1R	11/01/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	05/11/20	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1.0	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
GWR-1R	11/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GWR-3	10/08/10	21000	<29000	---	---	---	10000	<100	<100	<100	<200	400	<2000	<200	<200	<200
GWR-3	04/13/11	25000	36000	---	---	---	11000	<50	<50	<50	<100	300	<1000	<100	<100	<100
GWR-3	10/13/11	<20000	6600	---	---	---	9100	<100	<100	<100	<200	280	<2000	<200	<200	<200
HL-2	11/27/96	---	---	---	---	---	2600	100	560	390	170	3000	---	---	---	---
HL-2	07/16/97	1400	---	530	---	---	200	1.2	150	13.3	74	810	---	---	---	---
HL-2	01/09/98	150	---	---	---	---	<0.50	0.79	3.5	<1.5	40	570	---	---	---	---
HL-2	01/12/98	---	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
HL-2	05/27/98	500	---	---	---	---	72	9	6	42	60	308	---	---	---	---
HL-2	11/17/98	<300	<100	---	---	---	0.95	<0.50	<0.50	0.6	0.94	13.8	---	---	---	---
HL-2	05/07/99	<500	---	<500	---	---	1.8	5.1	<0.50	1.8	<1	4.8	---	---	---	---
HL-2	11/19/99	<300	<100	---	---	---	2	<0.50	<0.50	<0.50	2.6	36	---	---	---	---
HL-2	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	14	---	---	---	---
HL-2	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	---	---	---	---
HL-2	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.3	---	---	---	---
HL-2	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
HL-2	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	---	---	---	---
HL-2	07/08/03	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
HL-2	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	---	---	---	---
HL-2	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.9	---	---	---	---
HL-2	07/08/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	---	---	---	---
HL-2	05/06/05	280	<100	---	---	---	78	<0.50	<0.50	1.2	15	130	---	---	---	---
HL-2	11/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.8	---	---	---	---
HL-2	05/09/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
HL-2	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	11/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	---	---	---	---
HL-2	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-2	04/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1	<1	<1
HL-2	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
HL-2	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.61	<0.50	0.88	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
HL-2	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/13/16	<50	---	63	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/05/17	<50	---	270	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/19/18	<50	---	72	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	11/01/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/12/20	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	11/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/06/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/10/01	<300	300	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	110	---	---	---	---
HL-3	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	93	---	---	---	---
HL-3	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	77	---	---	---	---
HL-3	10/23/02	<300	360	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	85	---	---	---	---
HL-3	10/07/03	80	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	67	---	---	---	---
HL-3	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-3	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
HL-3	05/02/07	81	290	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	38	---	---	---	---
HL-3	04/17/08	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
HL-3	04/20/09	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
HL-3	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/16/14	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/30/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
HL-3	04/22/15	<50	---	70	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<10	<1	<1	<1
HL-3	10/23/15	<50	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	03/14/16	130	---	130	---	---	1.1	2.8	7.1	27	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/13/16	<50	---	100	---	---	<0.50	<0.50	0.8	3	<0.50	<0.50	<10	<1	<1	<1
HL-3	06/29/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
HL-3	10/06/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/05/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	11/09/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/07/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
HL-3	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1.0	<1.0	<1.0
HL-3	05/11/22	<50	---	65	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-4	11/25/96	---	---	---	---	---	<10	3.2	350	8.5	<3	1200	---	---	---	---
HL-4	07/16/97	270	---	<500	---	---	76	<1	<1	16.5	33	1500	---	---	---	---
HL-4	01/08/98	590	---	660	---	---	170	13	7.1	5	90	2300	---	---	---	---
HL-4	05/27/98	1100	---	---	---	---	156	26	15	120	28	440	---	---	---	---
HL-4	11/17/98	2030	1380	---	---	---	700	76.2	20	107.8	<0.50	904	---	---	---	---
HL-4	05/07/99	2800	---	<500	---	---	1100	31	130	84	<6	1500	---	---	---	---
HL-4	11/18/99	2500	1100	---	---	---	720	<10	<10	118	<10	520	---	---	---	---
HL-4	05/16/00	1200	1000	---	---	---	300	<10	<10	29	51	740	---	---	---	---
HL-4	11/29/00	1900	1200	---	---	---	26	<10	<10	<10	89	2800	---	---	---	---
HL-4	05/08/01	1700	1100	---	---	---	39	<0.50	0.5	1.7	27	3300	---	---	---	---
HL-4	11/06/01	950	140	---	---	---	97	<0.50	<0.50	0.9	<0.50	930	---	---	---	---
HL-4	04/09/02	1600	230	---	---	---	940	<5	<5	35	<5	200	---	---	---	---
HL-4	10/23/02	<300	320	---	---	---	8.5	<5	<5	<5	<5	1100	---	---	---	---
HL-4	04/08/03	1500	<100	---	---	---	2.8	<2.5	<2.5	<2.5	36	2200	---	---	---	---
HL-4	10/07/03	690	110	---	---	---	140	<1	<1	<1	<2	480	---	---	---	---
HL-4	04/21/04	340	<100	---	---	---	39	<0.50	<0.50	<0.50	<1	370	---	---	---	---
HL-4	11/03/04	200	120	---	---	---	54	<0.50	<0.50	<0.50	<0.50	13	---	---	---	---
HL-5	07/14/97	950	---	3200	---	---	---	---	---	---	---	---	---	---	---	---
HP-1	08/07/97	---	---	---	170	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-2	08/07/97	---	---	---	130	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-3	08/07/97	---	---	---	<50	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-6	08/08/97	---	---	---	230	---	<5	<5	<5	<10	<5	<5	---	---	---	---
HP-8	08/08/97	---	---	---	35000	---	11000	12000	1200	7300	<500	<500	---	---	---	---
MW-6	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	130	70	---	---	---	---
MW-6	07/16/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	32	62	---	---	---	---
MW-6	01/05/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	11	39	---	---	---	---
MW-6	05/26/98	<300	---	---	---	---	<2.5	<2.5	<2.5	<5	118	107	---	---	---	---
MW-6	11/17/98	<300	<100	---	---	---	4.8	11.6	1.5	9.9	9.2	12.7	---	---	---	---
MW-6	05/07/99	<500	---	<500	---	---	<0.50	1.5	<0.50	<0.50	83	120	---	---	---	---
MW-6	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	18	---	---	---	---
MW-6	05/19/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	12	---	---	---	---
MW-6	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	12	3	---	---	---	---
MW-6	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.8	11	---	---	---	---
MW-6	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	6.2	---	---	---	---
MW-6	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.6	6	---	---	---	---
MW-6	10/24/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.4	4.6	---	---	---	---
MW-6	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.4	3.2	---	---	---	---
MW-6	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.1	2.5	---	---	---	---
MW-6	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.9	2.8	---	---	---	---
MW-6	11/05/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4	4	---	---	---	---
MW-6	05/05/05	89	100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	61	---	---	---	---
MW-6	11/03/05	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	9.9	30	---	---	---	---
MW-6	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	2.5	---	---	---	---
MW-6	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	7.1	2.7	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-6	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4	2.5	---	---	---	---
MW-6	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.4	2.3	---	---	---	---
MW-6	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.2	2.7	---	---	---	---
MW-6	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	4	---	---	---	---
MW-6	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	0.69	<10	<1	<1	<1
MW-6	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1	<10	<1	<1	<1
MW-6	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.9	<10	<1	<1	<1
MW-6	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	2	<10	<1	<1	<1
MW-6	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	2.3	<10	<1	<1	<1
MW-6	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.2	1	<10	<1	<1	<1
MW-6	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.86	<0.50	<10	<1	<1	<1
MW-6	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-6	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	<10	<1	<1	<1
MW-6	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.82	0.51	<10	<1	<1	<1
MW-6	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.58	0.55	<10	<1	<1	<1
MW-6	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.51	0.67	<10	<1	<1	<1
MW-6	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<1	<1	<1
MW-6	10/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	0.99	1.9	5.7	<10	1.1	<1	<1
MW-6	04/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.72	1.2	<10	<1	<1	<1
MW-6	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.96	1.2	<10	<1	<1	<1
MW-6	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.99	2.2	<10	<1	<1	<1
MW-6	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	14	2	<10	1.3	<1	<1
MW-6	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.5	3.6	<10	2.3	<1	<1
MW-6	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.3	1.6	<10	<1	<1	<1
MW-6	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.1	1.8	<10	<1	<1	<1
MW-6	10/29/19	<50	---	67	---	---	<0.50	<0.50	<0.50	<0.50	2.7	0.76	<10	<1.0	<1.0	<1.0
MW-6	05/07/20	<50	---	51	---	---	<0.50	<0.50	<0.50	<0.50	2.5	0.75	<10	<1.0	<1.0	<1.0
MW-6	11/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.6	0.51	<10	<1.0	<1.0	<1.0
MW-6	05/05/21	<50	---	53	---	---	<0.50	<0.50	<0.50	<0.50	0.76	<0.50	<10	<1.0	<1.0	<1.0
MW-6	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1.0	<1.0	<1.0
MW-6	05/10/22	<50	---	94	---	---	<0.50	<0.50	<0.50	<0.50	0.95	<0.50	<10	<1.0	<1.0	<1.0
MW-7	11/25/96	---	---	---	---	---	3.5	<1	16	<3	6.8	1000	---	---	---	---
MW-7	07/14/97	540	---	<500	---	---	88	<3	<3	<3	<3	790	---	---	---	---
MW-7	01/08/98	150	---	<500	---	---	9	<0.50	<0.50	<1.5	4.1	400	---	---	---	---
MW-7	05/26/98	400	---	---	---	---	<5	<5	<5	7	10	380	---	---	---	---
MW-7	11/17/98	<300	<100	---	---	---	5.4	7	<5	<5	<5	351	---	---	---	---
MW-7	05/07/99	<500	---	<500	---	---	0.79	2.2	<0.50	0.71	6.8	540	---	---	---	---
MW-7	11/16/99	540	<100	---	---	---	8.5	<0.50	<0.50	<0.50	4.7	670	---	---	---	---
MW-7	05/17/00	590	880	---	---	---	<5	<5	<5	<5	14	900	---	---	---	---
MW-7	11/30/00	590	320	---	---	---	4.1	<0.50	<0.50	<0.50	5.4	640	---	---	---	---
MW-7	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.1	36	---	---	---	---
MW-7	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.4	8.2	---	---	---	---
MW-7	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	71	---	---	---	---
MW-7	10/23/02	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	2	5	---	---	---	---
MW-7	04/10/03	57	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	1.3	---	---	---	---
MW-7	10/07/03	67	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.2	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-7	04/21/04	62	120	---	---	---	<0.50	<0.50	<0.50	<0.50	0.68	1.4	---	---	---	---
MW-7	11/03/04	58	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	---	---	---	---
MW-7	05/06/05	58	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.82	---	---	---	---
MW-7	11/03/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
MW-7	05/03/06	<50	<110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-7	12/06/06	<50	270	---	---	---	<0.50	<0.50	<0.50	<0.50	0.65	1.5	---	---	---	---
MW-7	05/02/07	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	0.83	---	---	---	---
MW-7	11/13/07	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	0.57	0.83	---	---	---	---
MW-7	04/17/08	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	---	---	---	---
MW-7	10/17/08	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	0.94	---	---	---	---
MW-7	04/20/09	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	0.6	<10	2.9	<1	<1
MW-7	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	0.56	<10	2	<1	<1
MW-7	05/26/10	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	0.87	<0.50	<10	5.5	<1	<1
MW-7	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	0.64	260	9.3	<1	<1
MW-7	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	98	6	<1	<1
MW-7	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.99	<0.50	25	1.5	<1	<1
MW-7	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1	<1	<1
MW-7	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	<10	<1	<1	<1
MW-7	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1	<1	<1
MW-7	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1	<1	<1
MW-7	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.82	<0.50	<10	<1	<1	<1
MW-7	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-7	10/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	<10	<1	<1	<1
MW-7	04/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.78	<0.50	<10	<1	<1	<1
MW-7	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.77	<0.50	<10	<1	<1	<1
MW-7	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-7	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	<10	<1	<1	<1
MW-7	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.94	<0.50	<10	<1	<1	<1
MW-7	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	10/29/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	05/07/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	11/26/96	---	---	---	---	---	4400	<30	<30	<80	<30	26000	---	---	---	---
MW-8	07/17/97	<100	---	520	---	---	<10	<10	<10	<20	<10	11000	---	---	---	---
MW-8	01/02/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	<0.50	14	---	---	---	---
MW-8	05/20/98	400	---	---	---	---	<2.5	<2.5	<2.5	<5	<2.5	554	---	---	---	---
MW-8	11/17/98	<300	<100	---	---	---	2.4	6	0.8	4.6	<0.50	55.6	---	---	---	---
MW-8	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	52	---	---	---	---
MW-8	11/18/99	<416	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.2	---	---	---	---
MW-8	05/17/00	<300	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3	---	---	---	---
MW-8	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	15	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-8	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	380	---	---	---	---
MW-8	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	430	---	---	---	---
MW-8	09/19/01	790	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1000	---	---	---	---
MW-8	01/30/02	1700	<100	---	---	---	<10	<10	<10	<10	<10	1900	---	---	---	---
MW-8	04/10/02	1500	<100	---	---	---	11	<10	<10	<10	<10	2200	---	---	---	---
MW-8	10/22/02	<300	<100	---	---	---	150	<10	11.5	<10	<10	750	---	---	---	---
MW-8	01/29/03	<300	<100	---	---	---	<1	<1	<1	<1	<1	190	---	---	---	---
MW-8	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	28	---	---	---	---
MW-8	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	13	---	---	---	---
MW-8	10/06/03	79	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
MW-8	01/28/04	100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4	---	---	---	---
MW-8	04/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	---	---	---	---
MW-8	07/19/04	80	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---
MW-8	11/02/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-8	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	---	---	---	---
MW-8	05/04/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
MW-8	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	---	---	---	---
MW-8	11/01/05	110	270	---	---	---	<0.50	<0.50	<0.50	4.2	<0.50	0.6	---	---	---	---
MW-8	02/27/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.65	---	---	---	---
MW-8	05/02/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.1	---	---	---	---
MW-8	09/19/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.6	---	---	---	---
MW-8	12/06/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.61	---	---	---	---
MW-8	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-8	05/04/07	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
MW-8	08/29/07	<200	<100	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
MW-8	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.9	---	---	---	---
MW-8	02/07/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
MW-8	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
MW-8	10/14/08	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.59	---	---	---	---
MW-8	04/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	2000	<1	<1	<1
MW-8	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.69	570	<1	<1	<1
MW-8	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<10	<1	<1	<1
MW-8	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<1600	<1	<1	<1
MW-8	04/13/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1100	<1	<1	<1
MW-8	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	970	<1	<1	<1
MW-8	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	71	<1	<1	<1
MW-8	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	220	<1	<1	<1
MW-8	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/30/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<1	<1	<1
MW-8	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	<10	<1	<1	<1
MW-8	10/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/14/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1	<1	<1
MW-8	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-8	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	11/08/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/31/19	1200	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	05/07/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	11/04/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	05/04/21	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	05/11/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	11/26/96	---	---	---	---	---	18	<0.50	69	1.6	<0.50	<5	---	---	---	---
MW-9	07/17/97	1400	---	2900	---	---	40	<1	140	21.5	<1	<10	---	---	---	---
MW-9	01/08/98	1100	---	570	---	---	19	0.74	55	2.4	<0.50	<5	---	---	---	---
MW-9	05/26/98	4700	---	---	---	---	69	<0.30	51	97.2	<2.5	10	---	---	---	---
MW-9	11/18/99	1800	4500	---	---	---	24	<0.50	2.7	2	<0.50	<0.50	---	---	---	---
MW-9	05/19/00	1300	3900	---	---	---	12	<0.50	0.8	0.5	<0.50	1.8	---	---	---	---
MW-9	11/05/04	2500	21000	---	---	---	27	<0.50	0.84	0.52	<1	52	---	---	---	---
MW-9	05/06/05	780	3300	---	---	---	2.3	<1	25	<1	<2	110	---	---	---	---
MW-9	11/01/05	1700	5400	---	---	---	9.3	<1	4.7	5.3	<2	120	---	---	---	---
MW-9	05/04/06	1000	10000	---	---	---	13	<0.50	2.2	1.4	<1	140	---	---	---	---
MW-9	12/08/06	1400	14000	---	---	---	16	<0.50	<0.50	<0.50	<0.50	160	---	---	---	---
MW-9	05/04/07	1700	61000	---	---	---	9.2	<0.50	0.5	<0.50	<1	130	---	---	---	---
MW-9	04/18/08	2500	11000	---	---	---	51	<1	1.7	1.9	<2	16	---	---	---	---
MW-9	10/14/08	1600	4700	---	---	---	27	<1	<1	<1	<2	26	---	---	---	---
MW-9	04/23/09	1600	11000	---	---	---	33	<2.5	<2.5	<2.5	<5	6.2	130	<5	<5	<5
MW-9	05/27/10	1600	11000	---	---	---	24	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/07/10	2400	<12000	---	---	---	23	<2	<2	<2	<4	3.3	50	<4	<4	<4
MW-9	04/14/11	1400	28000	---	---	---	18	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/12/11	1200	8700	---	---	---	17	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-9	04/20/12	2200	---	4500	---	---	20	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/17/12	1200	---	2500	---	---	9.1	<2.5	<2.5	<2.5	<5	3.7	<50	<5	<5	<5
MW-9	04/11/13	870	---	4400	---	---	4.8	<2.5	<2.5	<2.5	<5	4.5	<50	<5	<5	<5
MW-9	10/10/13	1200	---	2100	---	---	4.2	<1	<1	<1	<2	11	45	<2	<2	<2
MW-9	04/17/14	1100	---	2500	---	---	<2.5	<2.5	<2.5	<2.5	<5	13	150	<5	<5	<5
MW-9	10/30/14	<500	---	2600	---	---	<2.5	<2.5	<2.5	<2.5	<5	6.7	51	<5	<5	<5
MW-9	04/23/15	660	---	2900	---	---	5	3.6	2.6	24	<5	6.4	83	<5	<5	<5
MW-9	10/26/15	420	---	1600	---	---	<0.50	<0.50	<0.50	<0.50	<1	5.8	40	<1	<1	<1
MW-9	04/14/16	260	---	1100	---	---	1.7	<0.50	<0.50	<0.50	<0.50	1.8	30	<1	<1	<1
MW-9	10/05/16	85	---	280	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	22	<1	<1	<1
MW-9	04/19/17	99	---	600 J	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	20	<1	<1	<1
MW-9	10/05/17	<100	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<1	2.6	22	<1	<1	<1
MW-9	04/19/18	66	---	250	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	15	<1	<1	<1
MW-9	11/09/18	<50	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	14	<1	<1	<1
MW-9	04/18/19	<100	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<1	0.67	<10	<1	<1	<1
MW-9	10/30/19	<50	---	280	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	05/08/20	<50	---	320	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1.0	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-9	11/06/20	<100	---	360	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	0.59	<10	<1.0	<1.0	<1.0
MW-9	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	05/12/22	<50	---	55	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-10	11/21/96	<38	---	<500	<500	---	<0.50	<0.50	5.1	2.3	<0.50	---	---	---	---	---
MW-10	07/09/97	<50	---	170	<50	---	<0.50	<1	2	<2	---	---	---	---	---	---
MW-10	01/06/98	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/20/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/04/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	05/16/00	<300	120	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-10	11/29/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	2.4	---	<5	---	---	---	---
MW-10	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-10	04/14/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-11	12/01/00	<300	290	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-11	05/10/01	<300	180	---	---	---	1	<0.30	0.61	<0.60	---	13	---	---	---	---
MW-11	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-11	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	19	---	---	---	---
MW-11	04/14/03	---	6120	---	---	---	83.6	1.54	58.8	51	---	<3	---	---	---	---
MW-11	10/10/03	---	1000	---	---	---	<0.30	<0.30	0.42	0.95	---	12	---	---	---	---
MW-11	04/22/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	6.4	---	---	---	---
MW-11	11/06/04	---	1300	---	---	---	2.3	<0.30	0.64	5.9	---	8.1	---	---	---	---
MW-11	05/07/05	---	<100	---	---	---	0.34	0.61	<0.30	0.6	---	13	---	---	---	---
MW-11	11/08/05	---	<100	---	---	---	0.33	<0.30	<0.30	0.69	---	37	---	---	---	---
MW-11	05/05/06	---	2300	---	---	---	1.6	3.4	3.4	6.9	---	11	---	---	---	---
MW-11	12/08/06	---	740	---	---	---	3.1	<0.50	<0.50	<1	---	20	---	---	---	---
MW-11	05/03/07	---	1300	---	---	---	4.3	<0.50	0.86	1.1	---	43	---	---	---	---
MW-11	11/14/07	---	450	---	---	---	<0.50	<0.50	<0.50	<1	---	18	---	---	---	---
MW-11	04/18/08	---	1100	---	---	---	<0.50	<0.50	1	1.5	---	<5	---	---	---	---
MW-11	10/17/08	---	---	---	---	880	<0.50	<0.50	<0.50	<0.50	<0.50	12	<10	<2	<2	<2
MW-11	04/24/09	---	---	---	---	520	<0.50	<0.50	<0.50	<0.50	<0.50	8.7	<10	<2	<2	<2
MW-11	10/22/09	---	---	---	---	670	<0.50	<0.50	<0.50	<0.50	<0.50	3.9	<10	<2	<2	<2
MW-11	04/14/10	---	---	---	---	700	<0.50	<0.50	0.58	<0.50	---	3.8	<10	<2	<2	<2
MW-11	04/19/12	220	---	---	---	710	<0.50	<0.50	<0.50	0.31 J	<0.50	<0.50	<10	<2	<2	<2
MW-11	07/10/12	---	---	---	---	780	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-12	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.10	<0.50	---	---	---	---
MW-12	11/11/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/07/99	<500	---	<500	---	---	1.2	4.8	<0.50	2.1	<1	<0.50	---	---	---	---
MW-12	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/19/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/07/01	<300	<100	---	---	---	1.3	1.1	<0.50	0.7	<0.50	<0.50	---	---	---	---

Appendix A. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-12	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	10/24/02	<300	2800	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/22/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/05/04	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	11/14/07	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/17/08	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	10/21/08	<50	170	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-12	04/22/09	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/21/09	<50	150	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/18/12	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/09/13	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	11/06/15	<50	---	61	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/04/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/19/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/29/19	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	05/12/20	<50	---	61	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	11/05/20	<50	---	83	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	05/06/21	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	05/11/22	<50	---	94	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-13	11/22/96	1100	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	---	---	---	---	---
MW-13	07/09/97	<50	---	<50	<50	---	<0.50	<1	<1	<2	---	---	---	---	---	---
MW-13	01/06/98	<500	---	<100	<100	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	05/20/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	11/05/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-13	05/26/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-13	05/17/00	<300	20000	---	---	---	<0.30	1.2	<0.30	0.91	---	---	---	---	---	---
MW-13	11/29/00	<300	410	---	---	---	<0.30	<0.30	<0.30	0.89	---	<5	---	---	---	---
MW-13	03/30/01	---	<50	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-13	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-13	11/07/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	14	---	---	---	---
MW-13	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-13	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
MW-13	04/09/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-13	10/08/03	---	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-13	04/21/04	---	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/03/04	---	320	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/05/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/05/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/03/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	12/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/02/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/16/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/20/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/19/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/06/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-13	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/09/13	---	---	140 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/08/13	<100	---	330 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/15/14	<100	---	97 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	12	<2	<2	<2
MW-13	10/28/14	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-13	04/28/15	<100	---	<100	---	---	0.63	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-13	10/22/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-13	04/12/16	<100	---	<100	---	---	0.95	<0.50	2	6.2	<0.50	<1	<10	<2	<2	<2
MW-13	10/04/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	10/03/17	<100	---	270	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	04/17/18	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	11/09/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1J	<10	<2	<2J	<2J
MW-13	04/16/19	<100	---	<100J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-13	10/29/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	05/05/20	<100	---	150	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	10/22/20	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	05/05/21	<100	---	230	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-13	11/05/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	05/11/22	<100	---	310	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-14	11/21/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	99	---	---	---	---
MW-14	07/09/97	<50	---	200	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-14	01/06/98	<500	---	<100	800	---	107	<0.50	4	10	2	15	---	---	---	---
MW-14	05/20/98	400	---	---	---	---	24	<0.50	7	14	<0.50	12	---	---	---	---
MW-14	08/26/98	<300	367	---	---	---	<0.50	<0.50	0.7	2.1	<0.50	109	---	---	---	---
MW-14	11/04/98	<300	361	---	---	---	<0.50	2.8	4.8	24.6	<0.50	48.6	---	---	---	---
MW-14	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	86	---	---	---	---
MW-14	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	0.53	<1	450	---	---	---	---
MW-14	05/26/99	<300	<100	---	---	---	<0.50	<0.50	<0.70	1.1	<0.50	230	---	---	---	---
MW-14	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	2.9	110	---	---	---	---
MW-14	11/18/99	<300	<100	---	---	---	<2.5	<5	<5	<5	12	26	---	---	---	---
MW-14	02/29/00	<300	420	---	---	---	<0.50	<0.50	<0.50	<0.50	36	15	---	---	---	---
MW-14	05/16/00	<300	370	---	---	---	<0.50	<0.50	<0.50	1.4	42	7.7	---	---	---	---
MW-14	08/29/00	<300	3800	---	---	---	<0.50	<0.50	<0.50	0.6	38	9.6	---	---	---	---
MW-14	11/29/00	<300	130	---	---	---	<0.50	<0.50	0.5	0.9	15	18	---	---	---	---
MW-14	02/06/01	<300	230	---	---	---	<0.50	<0.50	<0.50	0.5	11	13	---	---	---	---
MW-14	05/09/01	<300	310	---	---	---	<0.50	<0.50	1.8	7.4	32	8.2	---	---	---	---
MW-14	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	1.1	23	15	---	---	---	---
MW-14	11/07/01	<300	190	---	---	---	<0.50	<0.50	0.8	2.3	29	10	---	---	---	---
MW-14	01/30/02	<300	450	---	---	---	<0.50	<0.50	<0.50	1.5	8.1	25	---	---	---	---
MW-14	04/10/02	<300	<100	---	---	---	<0.50	<0.50	2.7	6.4	4.1	24	---	---	---	---
MW-14	07/30/02	<300	500	---	---	---	<0.50	<0.50	0.98	2.4	3.9	25	---	---	---	---
MW-14	10/23/02	<300	300	---	---	---	<0.50	<1	<1	<1	4.3	22	---	---	---	---
MW-14	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.67	5.9	17	---	---	---	---
MW-14	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.84	16.8	---	---	---	---
MW-14	10/10/03	---	580	---	---	---	<0.50	<0.50	1.2	4.03	7.4	19	---	---	---	---
MW-14	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	0.89	4.7	19	<10	<2	<2	<2
MW-14	07/21/04	250	290	---	---	---	<0.50	<0.50	0.61	1.4	---	22	---	---	---	---
MW-14	11/04/04	---	610	---	---	---	<0.50	<0.50	<0.50	<0.50	5.6	19	<10	<2	<2	<2
MW-14	03/02/05	---	320	---	---	---	<0.50	<1	<1	<1	---	14	---	---	---	---
MW-14	05/07/05	---	430	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	9.3	22	<2	<2	<2
MW-14	11/08/05	---	2200	---	---	---	6.5	<0.50	1.3	3.6	1	3.6	32	<2	<2	<2
MW-14	05/03/06	---	2600	---	---	---	<0.50	<0.50	<0.50	<0.50	0.78	4.2	31	<2	<2	<2
MW-14	07/28/06	290	4300	---	---	---	<0.50	<0.50	<0.50	<0.50	0.83	4.2	31	<2	<2	<2
MW-14	12/06/06	---	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	0.98	3.3	20	<2	<2	<2
MW-14	03/23/07	670	3400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.5	29	<2	<2	<2
MW-14	05/03/07	---	3100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.94	3.6	<10	<2	<2	<2
MW-14	08/31/07	480	2800	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	27	<2	<2	<2
MW-14	11/15/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.97	4	20	<2	<2	<2
MW-14	02/07/08	180	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	0.86	5.2	28	<2	<2	<2
MW-14	04/17/08	---	1700	---	---	---	<0.50	<0.50	<0.50	<0.50	1.2	4.6	32	<2	<2	<2
MW-14	10/16/08	---	---	---	---	570	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	10	<2	<2	<2
MW-14	02/12/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.1	1.6	<10	<2	<2	<2
MW-14	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	16	1.9	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-14	07/20/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	13	1.5	<10	2.4	<2	<2
MW-14	10/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	16	2.5	<10	3	<2	<2
MW-14	01/12/10	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	13	2.7	4.2 J	3.2	<2	<2
MW-14	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.4 J	4.3	<10	<2	<2	<2
MW-14	10/04/10	---	---	---	---	100	<0.50	---	---	---	0.99	3.4	<10	---	---	---
MW-14	01/10/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<2	<2	<2
MW-14	04/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	3	<10	<2	<2	<2
MW-14	07/11/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.48 J	11	<2	<2	<2
MW-14	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	2.1	2.7	<10	0.83 J	<2	<2
MW-14	01/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	3.3	3.6	<10	0.83 J	<2	<2
MW-14	04/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	6.6	0.78	<10	1.2 J	<2	<2
MW-14	07/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	0.72	<10	1.1 J	<2	<2
MW-14	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7	1.9	<10	1.3 J	<2	<2
MW-14	01/14/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	10	0.93	<10	1.7 J	<2	<2
MW-14	04/10/13	---	---	120 b	---	---	<0.50	<0.50	<0.50	<0.50	12	1.4	<10	2.4	<2	<2
MW-14	04/29/15	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	5.4	<2	<10	<2	<2	<2
MW-14	10/23/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	7.5	<2	<10	<2	<2	<2
MW-14	10/04/16	<100	---	<100	---	---	1.3	<0.50	<0.50	<1	6.3	<1	<10	<2	<2	<2
MW-14	04/19/17	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-15	11/26/96	---	---	---	---	---	1.4	0.66	1	0.62	<0.50	27	---	---	---	---
MW-15	07/14/97	1000	---	3500	---	---	1.5	1.1	<0.50	<1	<0.50	<5	---	---	---	---
MW-15	01/07/98	<500	---	1500	---	---	0.62	0.73	<0.50	<1.5	<0.50	<5	---	---	---	---
MW-15	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	0.7	<1	<0.50	---	---	---	---
MW-15	11/13/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	05/07/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
MW-15	11/17/99	<300	910	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	05/16/00	340	1200	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	11/30/00	2100	1700	---	---	---	<0.50	0.8	<0.50	1.1	<0.50	<0.50	---	---	---	---
MW-15	05/09/01	<300	690	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	11/06/01	<300	740	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
MW-15	04/10/02	59000	21000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	07/30/02	780	550000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-15	12/08/06	420	6400	---	---	---	<0.50	<0.50	<0.50	1	<0.50	0.6	---	---	---	---
MW-15	05/04/07	<500	6100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
MW-15	10/05/10	1100	<47000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/14/11	1900	220000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/12/11	590	66000	---	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/27/12	1100	---	40000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/19/12	940	---	34000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/12/13	890	---	240000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/11/13	2000	---	140000	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/31/14	590	---	8300	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-15R	04/19/17	<100	---	210	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<1	<1	<1
MW-15R	10/05/17	<50	---	79	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1	<1	<1
MW-15R	04/19/18	66	---	60	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1	<1	<1
MW-15R	11/08/18	53	---	52	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-15R	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-15R	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	05/11/20	78	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	11/05/20	130	---	220	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	05/05/21	<50	---	53	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	11/02/21	63	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	05/12/22	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	<1.0	<1.0	<1.0
MW-16	11/27/96	50	---	<500	<500	---	<0.50	<0.50	<0.50	1.5	140	71	---	---	---	---
MW-16	07/10/97	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-16	01/06/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-16	05/21/98	<300	---	---	---	---	<0.50	0.7	<0.50	0.6	<0.50	<0.50	---	---	---	---
MW-16	11/05/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/27/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/09/01	<300	3100	---	---	---	2.6	<0.50	<0.50	0.6	<0.50	<0.50	---	---	---	---
MW-16	11/07/01	<300	2100	---	---	---	1.2	<0.50	<0.50	<0.50	<0.50	31	---	---	---	---
MW-16	02/01/02	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	220	---	---	---	---
MW-16	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	260	---	---	---	---
MW-16	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	14	---	---	---	---
MW-16	01/29/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	6.8	---	---	---	---
MW-16	04/09/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	16.2	---	---	---	---
MW-16	08/01/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
MW-16	10/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	100	---	---	---	---
MW-16	01/28/04	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	89	---	---	---	---
MW-16	04/21/04	---	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	83	110	<2	<2	<2
MW-16	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	22	---	---	---	---
MW-16	11/04/04	---	300	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	120	<2	<2	<2
MW-16	02/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	05/06/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	05/04/06	---	180	---	---	---	0.87	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	09/19/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-16	12/08/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	11/16/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/16/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/07/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-16	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

Appendix A. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-16	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-16	04/24/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-16	10/20/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-16	04/12/16	<100	---	<100	---	---	1.3	<0.50	2.5	8.1	0.51	<1	<10	<2	<2	<2
MW-16	10/07/16	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	10/04/17	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	04/18/18	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	11/06/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	04/16/19	<100	---	240 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-16	10/30/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	05/06/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	10/20/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
MW-16	05/03/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	11/02/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	05/10/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	11/27/96	45	---	<500	<500	---	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---	---
MW-17	07/09/97	<50	---	<50	<50	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-17	01/06/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-17	05/20/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-17	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	05/26/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	0.5	---	---	---	---
MW-17	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
MW-17	04/10/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	10/08/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-17	04/21/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/03/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/05/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/05/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/03/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	12/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/02/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/15/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/20/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-17	04/16/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/06/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-17	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/08/13	<100	---	110 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/27/14	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	04/24/15	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	10/20/15	130	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-17	04/13/16	<100	---	<100	---	---	<0.50	<0.50	0.67	2.4	<0.50	<1	<10	<2	<2	<2
MW-17	10/04/16	<100	---	<100	---	---	<0.50	<0.50	0.5	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	10/03/17	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/17/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	11/06/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	04/16/19	<100	---	230 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-17	10/30/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	05/05/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	10/20/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
MW-17	05/05/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	11/02/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	05/10/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-18 (MID)	07/16/97	<100	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
MW-18 (MID)	01/05/98	420	---	<500	---	---	---	---	---	---	---	---	---	---	---	---
MW-18 (MID)	10/08/03	530	240	---	---	---	1.2	<1	<1	<1	16	640	---	---	---	---
MW-18 (MID)	10/07/10	1100	<1000	---	---	---	290	<1.5	<1.5	<1.5	<3	12	150	11	<3	<3
MW-18 (MID)	04/13/11	4100	910	---	---	---	1900	<10	<10	11	<20	13	<200	21	<20	<20
MW-18 (MID)	10/12/11	1200	720	---	---	---	460	<2.5	<2.5	3.2	<5	4.6	82	9.3	<5	<5
MW-18 (MID)	04/20/12	<200	---	330	---	---	<1	<1	<1	<1	<2	2.4	21	4.2	<2	<2
MW-18 (MID)	10/18/12	96	---	170	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	49	3.6	<1	<1
MW-18 (MID)	10/31/14	<200	---	130	---	---	<1	<1	<1	<1	<2	<1	87	5.1	<2	<2
MW-18 (MID)	04/22/15	<50	---	140	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	59	3.7	<1	<1
MW-18 (MID)	10/27/15	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	3.1	<1	<1
MW-18 (MID)	03/15/16	390	---	390	---	---	120	1.3	<0.50	0.91	<0.50	5	28	5.9	<1	<1
MW-18 (MID)	04/13/16	390	---	440	---	---	65	1.4	<0.50	2	<1	4.7	74	1.5	<1	<1
MW-18 (MID)	08/23/16	150	---	330	---	---	12	0.28	0.17	1.7	0.23	7.7	46	4.4	<1	0.2
MW-18 (MID)	10/06/16	200	---	490	---	---	6.1	<0.50	<0.50	1.5	<1	2.7	55	1.3	<1	<1
MW-18 (MID)	04/20/17	<100	---	200	---	---	<0.50	<0.50	<0.50	<0.50	<1	1.3	32	1.6	<1	<1
MW-18 (MID)	10/05/17	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.94	13	1.7	<1	<1
MW-18 (MID)	04/19/18	<50	---	98	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	1.3	<1	<1
MW-18 (MID)	11/09/18	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<1	<1	<1
MW-18 (MID)	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
MW-18 (MID)	10/31/19	<50	---	98	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	11	<1.0	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-18 (MID)	05/11/20	<50	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	18	1.2	<1.0	<1.0
MW-18 (MID)	11/06/20	<50	---	260	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	19	1.0	<1.0	<1.0
MW-18 (MID)	05/06/21	<50	---	280	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	16	<1.0	<1.0	<1.0
MW-18 (MID)	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1.0	<1.0	<1.0
MW-18 (MID)	05/13/22	<50	---	210	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.83	<10	<1.0	<1.0	<1.0
MW-19 (MID)	11/26/96	---	---	---	---	---	48	<0.50	17	1.76	7.7	600	---	---	---	---
MW-19 (MID)	07/16/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	9.1	810	---	---	---	---
MW-19 (MID)	01/05/98	<100	---	<500	---	---	<5	<50	<5	<15	<5	1400	---	---	---	---
MW-19 (MID)	05/27/98	500	---	---	---	---	<5	<0.50	<5	<10	14	590	---	---	---	---
MW-19 (MID)	08/26/98	514	233	---	---	---	<2.5	<2.5	<2.5	<2.5	11.1	779	---	---	---	---
MW-19 (MID)	11/17/98	491	<100	---	---	---	<5	<5	<5	<5	11	850	---	---	---	---
MW-19 (MID)	02/03/99	<10000	---	<500	---	---	<10	<10	<10	<20	<20	1300	---	---	---	---
MW-19 (MID)	05/06/99	540	---	<500	---	---	42	<1	<1	<1	<2.5	1500	---	---	---	---
MW-19 (MID)	08/10/99	600	---	<1000	---	---	<0.50	<1	<1	<1	6.8	980	---	---	---	---
MW-19 (MID)	11/17/99	1100	310	---	---	---	26	<5	<5	<5	<5	1100	---	---	---	---
MW-19 (MID)	02/29/00	2000	1800	---	---	---	530	<5	<5	<5	<5	1100	---	---	---	---
MW-19 (MID)	05/17/00	5200	5100	---	---	---	1900	<25	<25	<25	<25	2600	---	---	---	---
MW-19 (MID)	08/29/00	2700	19000	---	---	---	560	<10	<10	<10	<10	3200	---	---	---	---
MW-19 (MID)	11/30/00	2100	1200	---	---	---	520	3.6	0.9	6.1	<0.50	1200	---	---	---	---
MW-19 (MID)	02/06/01	780	410	---	---	---	66	<10	<10	<10	<10	720	---	---	---	---
MW-19 (MID)	05/09/01	360	230	---	---	---	4.4	<2.5	<2.5	<2.5	<2.5	6.5	490	---	---	---
MW-19 (MID)	09/19/01	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<2.5	8.2	200	---	---	---
MW-19 (MID)	11/06/01	<300	120	---	---	---	<1	<1	<1	<1	6.5	180	---	---	---	---
MW-19 (MID)	01/30/02	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	5.1	33	---	---	---	---
MW-19 (MID)	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.3	11	---	---	---	---
MW-19 (MID)	10/23/02	<300	330	---	---	---	1.1	<0.50	<0.50	<0.50	3.5	7.4	---	---	---	---
MW-19 (MID)	04/10/03	92	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	4.3	---	---	---	---
MW-19 (MID)	10/07/03	84	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.3	1	---	---	---	---
MW-19 (MID)	04/21/04	99	150	---	---	---	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	---	---	---	---
MW-19 (MID)	11/03/04	<100	200	---	---	---	<0.50	<0.50	<0.50	<0.50	2	0.81	---	---	---	---
MW-19 (MID)	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-19 (MID)	11/03/05	68	140	---	---	---	<0.50	<0.50	<0.50	<0.50	4.2	1.2	---	---	---	---
MW-19 (MID)	05/03/06	76	110	---	---	---	<0.50	<0.50	<0.50	<0.50	13	2.2	---	---	---	---
MW-19 (MID)	12/06/06	<50	260	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	---	---	---	---
MW-19 (MID)	05/02/07	61	200	---	---	---	<0.50	<0.50	<0.50	<0.50	2.2	1.1	---	---	---	---
MW-19 (MID)	11/13/07	57	130	---	---	---	<0.50	<0.50	<0.50	<0.50	2.9	0.86	---	---	---	---
MW-19 (MID)	04/17/08	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	3	1.2	---	---	---	---
MW-19 (MID)	10/17/08	<50	190	---	---	---	<0.50	<0.50	<0.50	<0.50	3.2	1.3	---	---	---	---
MW-19 (MID)	04/20/09	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	3.8	0.81	66	9.8	<1	<1
MW-19 (MID)	10/21/09	<50	140	---	---	---	<0.50	<0.50	<0.50	<0.50	5	0.79	130	16	<1	<1
MW-19 (MID)	05/26/10	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	3.1	<0.50	<10	12	<1	<1
MW-19 (MID)	10/06/10	62	140	---	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.91	130	19	<1	<1
MW-19 (MID)	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.2	0.81	67	14	<1	<1
MW-19 (MID)	10/11/11	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	3.2	0.67	110	11	<1	<1
MW-19 (MID)	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.7	1	290	22	<1	<1
MW-19 (MID)	10/17/12	<50	---	77	---	---	<0.50	<0.50	<0.50	<0.50	5.3	1.1	360	28	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-19 (MID)	04/11/13	55	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9.2	2	330	31	<1	<1
MW-19 (MID)	10/10/13	54	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.4	2	350	25	<1	<1
MW-19 (MID)	04/17/14	74	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9.1	2	440	25	<1	<1
MW-19 (MID)	10/30/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.74	87	9.2	<1	<1
MW-19 (MID)	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.7	1.1	130	13	<1	<1
MW-19 (MID)	10/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.9	<0.50	36	6.2	<1	<1
MW-19 (MID)	04/13/16	<50	---	54	---	---	<0.50	<0.50	<0.50	<0.50	4.8	1	420	23	<1	<1
MW-19 (MID)	10/05/16	54	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.8	0.68	220	19	<1	<1
MW-19 (MID)	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	88	11	<1	<1
MW-19 (MID)	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	22	4.2	<1	<1
MW-19 (MID)	04/18/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2	<0.50	31	5.6	<1	<1
MW-19 (MID)	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	23	4.3	<1	<1
MW-19 (MID)	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	15	2.2	<1	<1
MW-19 (MID)	10/29/19	<50	---	58	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	11	1.6	<1.0	<1.0
MW-19 (MID)	05/07/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	17	2.5	<1.0	<1.0
MW-19 (MID)	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	1.8	<1.0	<1.0
MW-19 (MID)	05/06/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	12	2.1	<1.0	<1.0
MW-19 (MID)	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	1.7	<1.0	<1.0
MW-19 (MID)	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<10	1.8	<1.0	<1.0
MW-20 (MID)	11/22/96	---	---	---	---	---	<0.50	<0.50	<0.50	1.5	66	36	---	---	---	---
MW-20 (MID)	07/11/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	33	13	---	---	---	---
MW-20 (MID)	01/05/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	17	9.2	---	---	---	---
MW-20 (MID)	05/27/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	35	22	---	---	---	---
MW-20 (MID)	11/16/98	<300	<100	---	---	---	14	41	4.8	29.8	31	33	---	---	---	---
MW-20 (MID)	05/07/99	<500	---	<500	---	---	5.6	22	1.7	9.8	22	13	---	---	---	---
MW-20 (MID)	11/16/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	19	---	---	---	---
MW-20 (MID)	05/19/00	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	22	11	---	---	---	---
MW-20 (MID)	11/28/00	<300	340	---	---	---	<0.50	<0.50	<0.50	<0.50	17	8.1	---	---	---	---
MW-20 (MID)	05/09/01	<300	180	---	---	---	<50	<50	<50	<50	2200	1300	---	---	---	---
MW-20 (MID)	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	11	---	---	---	---
MW-20 (MID)	11/07/01	<300	170	---	---	---	<0.50	<0.50	<0.50	<0.50	23	14	---	---	---	---
MW-20 (MID)	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	12	---	---	---	---
MW-20 (MID)	10/24/02	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	20	20	---	---	---	---
MW-20 (MID)	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	11	---	---	---	---
MW-20 (MID)	10/08/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	29	19	---	---	---	---
MW-20 (MID)	04/21/04	56	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	27	18	---	---	---	---
MW-20 (MID)	11/05/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	15	---	---	---	---
MW-20 (MID)	05/05/05	97	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	57	---	---	---	---
MW-20 (MID)	11/03/05	58	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	25	46	---	---	---	---
MW-20 (MID)	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	32	---	---	---	---
MW-20 (MID)	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	25	---	---	---	---
MW-20 (MID)	05/05/07	59	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	25	---	---	---	---
MW-20 (MID)	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	23	---	---	---	---
MW-20 (MID)	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	21	---	---	---	---
MW-20 (MID)	10/17/08	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	18	---	---	---	---
MW-20 (MID)	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	16	28	11	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-20 (MID)	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	18	32	14	<1	<1
MW-20 (MID)	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	16	<10	12	<1	<1
MW-20 (MID)	10/06/10	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	15	19	40	13	<1	<1
MW-20 (MID)	04/12/11	51	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	18	<10	17	<1	<1
MW-20 (MID)	10/11/11	<50	170	---	---	---	<0.50	<0.50	<0.50	<0.50	13	17	38	11	<1	<1
MW-20 (MID)	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	15	12	26	9.9	<1	<1
MW-20 (MID)	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.8	7.6	12	6.8	<1	<1
MW-20 (MID)	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	14	9.8	<10	6.7	<1	<1
MW-20 (MID)	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	16	14	29	11	<1	<1
MW-20 (MID)	04/16/14	55	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	13	9.6	22	7.4	<1	<1
MW-20 (MID)	10/30/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	10	8.7	18	6.6	<1	<1
MW-20 (MID)	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.2	11	19	8.2	<1	<1
MW-20 (MID)	10/23/15	<50	---	91	---	---	<0.50	0.5	<0.50	0.7	0.65	4.7	<10	3.2	<1	<1
MW-20 (MID)	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	10	8.9	25	6.3	<1	<1
MW-20 (MID)	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	13	7.1	22	7.2	<1	<1
MW-20 (MID)	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9	8.1	21	6	<1	<1
MW-20 (MID)	10/03/17	<50	---	<100X	---	---	<0.50	<0.50	<0.50	<0.50	8.6	6.8	16	5.1	<1	<1
MW-20 (MID)	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.9	6.1	<10	4.9	<1	<1
MW-20 (MID)	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.4	4.6	<10	2.7	<1	<1
MW-20 (MID)	04/18/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	12	16	34	8	<1	<1
MW-20 (MID)	10/29/19	<50	---	52	---	---	<0.50	<0.50	<0.50	<0.50	7.6	8.9	16	4.9	<1.0	<1.0
MW-20 (MID)	05/07/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	12	15	28	8.0	<1.0	<1.0
MW-20 (MID)	11/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.5	5.5	<10	1.8	<1.0	<1.0
MW-20 (MID)	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.0	5.7	<10	1.7	<1.0	<1.0
MW-20 (MID)	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	8.6	9.6	21	5.7	<1.0	<1.0
MW-20 (MID)	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.8	8.0	30	5.7	<1.0	<1.0
MW-21 (MID)	05/07/99	<500	---	590	---	---	<1	<1	<1	<1	75	39	---	---	---	---
MW-21 (MID)	11/29/00	<300	4600	---	---	---	3.6	<0.50	<0.50	<0.50	16	62	---	---	---	---
MW-21 (MID)	05/09/01	<300	1900	---	---	---	<0.50	<0.50	<0.50	<0.50	9.8	50	---	---	---	---
MW-21 (MID)	11/06/01	<300	1400	---	---	---	0.5	<0.50	<0.50	<0.50	12	69	---	---	---	---
MW-21 (MID)	04/10/02	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.6	71	---	---	---	---
MW-21 (MID)	10/23/02	<300	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	7.4	61	---	---	---	---
MW-21 (MID)	10/07/03	87	290	---	---	---	<0.50	<0.50	<0.50	<0.50	5.6	55	---	---	---	---
MW-21 (MID)	05/06/05	62	100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	25	---	---	---	---
MW-21 (MID)	05/03/06	<50	<140	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	13	---	---	---	---
MW-21 (MID)	05/02/07	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	3.3	---	---	---	---
MW-21 (MID)	04/17/08	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.88	6.4	---	---	---	---
MW-21 (MID)	04/20/09	<100	530	---	---	---	<0.50	<0.50	<0.50	<0.50	2.3	1.9	25	2.3	<1	<1
MW-21 (MID)	05/26/10	<100	420	---	---	---	<0.50	<0.50	<0.50	<0.50	2.9	1.5	<10	3.2	<1	<1
MW-21 (MID)	04/12/11	72	350	---	---	---	<0.50	<0.50	<0.50	<0.50	3.8	2.4	32	3	<1	<1
MW-21 (MID)	04/18/12	<100	---	140	---	---	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	17	<1	<1	<1
MW-21 (MID)	04/10/13	<200	---	61	---	---	<1	<1	<1	<1	2.4	<1	22	3.3	<2	<2
MW-21 (MID)	10/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.8	0.81	35	3	<1	<1
MW-21 (MID)	04/16/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.2	0.51	<10	<1	<1	<1
MW-21 (MID)	10/30/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.6	0.69	<10	<1	<1	<1
MW-21 (MID)	04/22/15	<50	---	56	---	---	<0.50	<0.50	<0.50	<0.50	3.4	0.68	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-21 (MID)	10/23/15	57	---	120	---	---	<0.50	<0.50	<0.50	<0.50	3.4	1.1	<10	<1	<1	<1
MW-21 (MID)	04/13/16	<50	---	87	---	---	<0.50	<0.50	<0.50	<0.50	3.5	0.79	<10	<1	<1	<1
MW-21 (MID)	10/05/16	57	---	82	---	---	<0.50	<0.50	<0.50	<0.50	3.2	1.2	<10	<1	<1	<1
MW-21 (MID)	04/19/17	<100	---	120	---	---	<0.50	<0.50	<0.50	<0.50	2.2	1	12	<1	<1	<1
MW-21 (MID)	10/03/17	<50	---	67	---	---	<0.50	<0.50	<0.50	<0.50	3.1	1.4	10	<1	<1	<1
MW-21 (MID)	04/18/18	68	---	110	---	---	<0.50	<0.50	<0.50	<0.50	2.4	1.3	<10	<1	<1	<1
MW-21 (MID)	11/07/18	<50	---	90	---	---	<0.50	<0.50	<0.50	<0.50	1.4 J	0.6	<10	<1	<1	<1
MW-21 (MID)	04/18/19	<50	---	56	---	---	<0.50	<0.50	<0.50	<0.50	3	1.5	<10	<1	<1	<1
MW-21 (MID)	10/30/19	<50	---	99	---	---	<0.50	<0.50	<0.50	<0.50	1.2	0.58	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/07/20	<50	---	59	---	---	<0.50	<0.50	<0.50	<0.50	0.93	0.80	<10	<1.0	<1.0	<1.0
MW-21 (MID)	11/03/20	<50	---	90	---	---	<0.50	<0.50	<0.50	<0.50	0.54	0.68	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/05/21	<50	---	99	---	---	<0.50	<0.50	<0.50	<0.50	1.6	0.97	<10	<1.0	<1.0	<1.0
MW-21 (MID)	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.5	1.2	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/10/22	<50	---	78 J	---	---	<0.50	<0.50	<0.50	<0.50	0.68	0.81	<10	<1.0	<1.0	<1.0
MW-22 (MID)	11/21/96	46	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	4.7	<5	---	---	---	---
MW-22 (MID)	07/10/97	<50	---	650	<400	---	<5	<5	<5	<5	15	<5	---	---	---	---
MW-22 (MID)	01/06/98	---	---	400	<100	---	<5	<5	<5	<1	<5	<5	---	---	---	---
MW-22 (MID)	05/21/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	0.9	<0.50	---	---	---	---
MW-22 (MID)	08/26/98	<300	545	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	---	---	---	---
MW-22 (MID)	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	---	---	---	---
MW-22 (MID)	02/02/99	<500	---	<500	---	---	1.1	2.1	0.56	2.1	3.2	0.69	---	---	---	---
MW-22 (MID)	05/07/99	---	---	<500	---	---	8	3.4	1.7	7.5	<1	6.9	---	---	---	---
MW-22 (MID)	05/26/99	<300	322	---	---	---	<0.50	<0.50	<0.50	<0.50	3.7	4.7	---	---	---	---
MW-22 (MID)	08/10/99	<500	---	<1000	---	---	3.1	6.2	<1	4.9	8.9	<1	---	---	---	---
MW-22 (MID)	11/18/99	<300	260	---	---	---	<0.50	<1	<0.50	<0.50	19	0.8	---	---	---	---
MW-22 (MID)	02/29/00	<300	470	---	---	---	<0.50	<0.50	<0.50	<0.50	29	3.3	---	---	---	---
MW-22 (MID)	05/16/00	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	16	2.4	---	---	---	---
MW-22 (MID)	08/29/00	<300	4400	---	---	---	<0.50	<0.50	<0.50	<0.50	45	14	---	---	---	---
MW-22 (MID)	11/28/00	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	88	13	---	---	---	---
MW-22 (MID)	11/29/00	<300	870	---	---	---	<0.50	<0.50	<0.50	<0.50	88	13	---	---	---	---
MW-22 (MID)	02/06/01	<300	460	---	---	---	<1	<1	<1	<1	120	14	---	---	---	---
MW-22 (MID)	05/09/01	<300	360	---	---	---	<0.50	<0.50	<0.50	<0.50	110	12	---	---	---	---
MW-22 (MID)	05/09/01	<300	230	---	---	---	<0.50	<0.50	<0.50	<0.50	83	11	---	---	---	---
MW-22 (MID)	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	30	4.5	---	---	---	---
MW-22 (MID)	11/07/01	<300	130	---	---	---	<0.50	<0.50	<0.50	<0.50	36	6.5	---	---	---	---
MW-22 (MID)	01/30/02	<300	430	---	---	---	<0.50	<0.50	<0.50	<0.50	30	19	---	---	---	---
MW-22 (MID)	04/12/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	22	11	---	---	---	---
MW-22 (MID)	07/30/02	<300	210	---	---	---	<0.50	<0.50	<0.50	<0.50	24	8.7	---	---	---	---
MW-22 (MID)	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	18	5.4	---	---	---	---
MW-22 (MID)	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	4.8	---	---	---	---
MW-22 (MID)	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	9.12	2.38	---	---	---	---
MW-22 (MID)	10/11/03	---	380	---	---	---	<0.50	<0.50	<0.50	<0.50	12	2.8	---	---	---	---
MW-22 (MID)	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	19	4.8	21	3.2	<2	<2
MW-22 (MID)	07/21/04	180	280	---	---	---	<0.50	<0.50	<0.50	<0.50	---	11	---	---	---	---
MW-22 (MID)	11/04/04	---	240	---	---	---	<0.50	<0.50	<0.50	<0.50	31	11	17	2.8	<2	<2
MW-22 (MID)	03/02/05	---	180	---	---	---	<0.50	<1	<1	<1	---	15	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-22 (MID)	05/07/05	---	290	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	30	<10	<2	<2	<2
MW-22 (MID)	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	30	13	<2	<2	<2
MW-22 (MID)	05/05/06	---	500	---	---	---	<0.50	<0.50	<0.50	<0.50	6.1	14	<10	<2	<2	<2
MW-22 (MID)	12/05/06	---	130	---	---	---	<0.50	<0.50	<0.50	<0.50	5.3	16	13	<2	<2	<2
MW-22 (MID)	05/02/07	---	200	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	14	17	<2	<2	<2
MW-22 (MID)	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	15	19	2.1	<2	<2
MW-22 (MID)	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.3	11	18	<2	<2	<2
MW-22 (MID)	10/16/08	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	9.7	16	16	2.1	<2	<2
MW-22 (MID)	02/12/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	15	18	22	3.1	<2	<2
MW-22 (MID)	04/22/09	---	---	---	---	110	<0.50	<0.50	<0.50	<0.50	11	23	22	<2	<2	<2
MW-22 (MID)	07/20/09	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	11	19	34	2.9	<2	<2
MW-22 (MID)	10/23/09	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	13	16	27	<2	<2	<2
MW-22 (MID)	01/13/10	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	9.7	13	24	2.1	<2	<2
MW-22 (MID)	04/13/10	---	---	---	---	220	<0.50	<0.50	<0.50	<0.50	11	8.7	23	1.8 J	<2	<2
MW-22 (MID)	10/04/10	---	---	---	---	140	<0.50	---	---	---	10	13	<10	---	---	---
MW-22 (MID)	01/10/11	---	---	---	---	120	<0.50	<0.50	<0.50	<0.50	4.8	6.2	10	0.82 J	<2	<2
MW-22 (MID)	04/14/11	---	---	---	---	120	<0.50	<0.50	<0.50	<0.50	6.5	10	<10	0.76 J	<2	<2
MW-22 (MID)	07/11/11	---	---	---	---	100	<0.50	<0.50	<0.50	<0.50	5.5	7.8	13	0.48 J	<2	<2
MW-22 (MID)	10/13/11	---	---	---	---	120	0.39 J	0.38 J	<0.50	<0.50	4.6	6.3	7.2 J	0.37 J	<2	<2
MW-22 (MID)	01/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4.4	6.6	12	0.45 J	<2	<2
MW-22 (MID)	04/18/12	---	---	---	---	120	<0.50	<0.50	<0.50	<0.50	7.1	10	21	0.69 J	<2	<2
MW-22 (MID)	07/09/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4.4	5.8	<10	0.43 J	<2	<2
MW-22 (MID)	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	6.4	12	<10	0.85 J	<2	<2
MW-22 (MID)	01/14/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	4.4	5.3	<10	0.42 J	<2	<2
MW-22 (MID)	04/10/13	---	---	250 b	---	---	<0.50	<0.50	<0.50	<0.50	7	11	14	1.1 J	<2	<2
MW-22 (MID)	10/07/13	<100	---	240 HD	---	---	<0.50	<0.50	<0.50	<0.50	3.7	4.6	<10	<2	<2	<2
MW-22 (MID)	04/16/14	<100	---	100 HD	---	---	<0.50	<0.50	<0.50	<0.50	5	6.8	<10	0.64 J	<2	<2
MW-22 (MID)	10/28/14	<100	---	210	---	---	<0.50	<0.50	<0.50	<1	8.8	9.1	<10	<2	<2	<2
MW-22 (MID)	04/24/15	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	10	8.9	19	2.6	<2	<2
MW-22 (MID)	10/23/15	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	8.7	6.5	18	2.7	<2	<2
MW-22 (MID)	04/13/16	<100	---	170	---	---	<0.50	<0.50	0.87	2.7	6.8	5	<10	<2	<2	<2
MW-22 (MID)	10/05/16	<100	---	170	---	---	1.5	<0.50	<0.50	<1	7.1	4.4	<10	<2	<2	<2
MW-22 (MID)	04/19/17	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	2.9	2.1	<10	<2	<2	<2
MW-22 (MID)	10/05/17	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-22 (MID)	04/19/18	<100	---	340	---	---	<0.50	<0.50	<0.50	<1	4.9	4.8 J	20 J	<2	<2	<2
MW-22 (MID)	11/08/18	<100	---	110	---	---	<0.50	<0.50	<0.50	<1	1.6	2	<10	<2	<2	<2
MW-22 (MID)	04/17/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.8	<10	<2	<2	<2
MW-22 (MID)	11/05/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	2.3	6.0	11	<2.0	<2.0	<2.0
MW-22 (MID)	05/07/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	1.7	<1.2	<10	<2.0	<2.0	<2.0
MW-22 (MID)	10/22/20	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	2.4	<10	<2.0	<2.0	<2.0
MW-22 (MID)	05/06/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	1.7	1.6	<10	<2.0	<2.0	<2.0
MW-22 (MID)	11/03/21	<100	---	140	---	---	<0.50	<0.50	<0.50	<1.0	1.3	<1.2	<10	<2.0	<2.0	<2.0
MW-22 (MID)	05/12/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-23 (MID)	11/21/96	1400	---	<500	<500	---	62	<0.50	18	3.5	0.6	---	---	---	---	---
MW-23 (MID)	07/09/97	---	---	---	---	---	160	<1	21	26	---	---	---	---	---	---
MW-23 (MID)	07/09/97	140	---	970	<860	---	---	---	---	---	---	---	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-23 (MID)	01/06/98	---	---	<100	<100	---	<0.30	---	<0.30	---	---	---	---	---	---	---
MW-23 (MID)	05/20/98	<300	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-23 (MID)	11/04/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	05/27/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	11/18/99	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	05/16/00	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-23 (MID)	11/29/00	<300	2200	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	05/10/01	<300	1600	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	11/07/01	<300	600	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	04/10/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-23 (MID)	10/23/02	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	04/10/03	---	<100	---	---	---	<1	<1	<1	<2	<3	<3	---	---	---	---
MW-23 (MID)	10/08/03	---	160	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	04/22/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	11/04/04	---	<100	---	---	---	<0.30	<0.30	<0.30	<0.30	---	<5	---	---	---	---
MW-23 (MID)	05/10/05	---	650	---	---	---	0.4	0.79	0.41	<0.30	---	<5	---	---	---	---
MW-23 (MID)	05/03/06	---	6000	---	---	---	<0.30	<0.30	<0.30	0.32	---	<5	---	---	---	---
MW-23 (MID)	12/06/06	---	240	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	05/02/07	---	340	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	04/16/08	---	120	---	---	---	<0.50	<0.50	<0.50	<1	---	<5	---	---	---	---
MW-23 (MID)	10/15/08	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-23 (MID)	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---
MW-23 (MID)	10/23/09	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-23 (MID)	04/13/10	---	---	---	---	1000	<0.50	<0.50	<0.50	<0.50	---	<0.50	4.8 J	<2	<2	<2
MW-23 (MID)	10/04/10	---	---	---	---	1400	<0.50	---	---	---	<0.50	0.73	<10	---	---	---
MW-23 (MID)	04/14/11	---	---	---	---	1800	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<2	<2	<2
MW-23 (MID)	10/13/11	---	---	---	---	1900	<0.50	<0.50	<0.50	<0.50	<0.50	10	14	<2	<2	<2
MW-23 (MID)	04/19/12	---	---	---	---	1400	<0.50	<0.50	<0.50	0.32 J	<0.50	9.9	19	<2	<2	<2
MW-23 (MID)	10/19/12	---	---	---	---	3600	<0.50	<0.50	0.25 J	0.43	<0.50	4.3	<10	<2	<2	<2
MW-23 (MID)	04/11/13	---	---	4800	---	---	<0.50	<0.50	<0.50	0.85 J	<0.50	2.9	13	<2	<2	<2
MW-24	11/21/96	92	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	---	---	---	---	---
MW-24	07/09/97	100	---	1400	<1000	---	11	<5	<5	<5	<5	<5	---	---	---	---
MW-24	01/06/98	700	---	<100	<100	---	93	<0.50	4	<1	<0.50	<0.50	---	---	---	---
MW-24	05/20/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-24	11/04/98	<300	129	---	---	---	11	2.7	2.1	18	<0.50	<0.50	---	---	---	---
MW-24	05/26/99	<300	142	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	04/10/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	10/23/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
MW-24	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-24	10/08/03	---	140	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-24	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/04/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/07/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/03/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	12/06/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/21/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/04/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	0.51	<10	---	---	---
MW-24	04/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	6.3 J	<2	<2	<2
MW-24	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<10	<2	<2	<2
MW-24	04/09/13	---	---	150 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<10	<2	<2	<2
MW-24	10/08/13	<100	---	230 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1	<10	<2	<2	<2
MW-24	04/16/14	<100	---	110 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<10	<2	<2	<2
MW-24	10/28/14	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	04/24/15	<100	---	200	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	10/22/15	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-24	04/13/16	<100	---	<100	---	---	<0.50	<0.50	1.2	3.9	<0.50	<1	<10	<2	<2	<2
MW-24	04/18/17	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-24	10/02/17	<100	---	210	---	---	1	<0.50	4.7	1.7	<0.50	<1	<10	<2	<2	<2
MW-24	10/25/17	---	---	410	---	---	<0.50	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2
MW-24	04/19/18	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.2	<10	<2	<2	<2
MW-24	11/08/18	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-24	04/17/19	<100	---	520 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	2	<10	<2	<2	<2
MW-24	11/05/19	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	05/11/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	05/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	11/02/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	05/09/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-25	11/21/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	17	<5	---	---	---	---
MW-25	07/09/97	<50	---	660	<400	---	<5	<5	<5	<5	17	<5	---	---	---	---
MW-25	01/06/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	15	<0.50	---	---	---	---
MW-25	05/21/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	8.6	<0.50	---	---	---	---
MW-25	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---	---
MW-25	05/06/99	<500	---	<500	---	---	1.9	1.2	0.68	3.3	14	1.3	---	---	---	---
MW-25	05/26/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	<0.50	---	---	---	---
MW-25	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	27	0.7	---	---	---	---
MW-25	05/16/00	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	50	4.7	---	---	---	---
MW-25	11/28/00	<300	320	---	---	---	<0.50	<0.50	<0.50	<0.50	62	11	---	---	---	---

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 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-25	11/29/00	<300	<100	---	---	---	<0.50	0.6	<0.50	0.8	73	14	---	---	---	---
MW-25	05/09/01	<300	240	---	---	---	<0.50	<0.50	<0.50	<0.50	45	7.1	---	---	---	---
MW-25	05/09/01	<300	150	---	---	---	<0.50	<0.50	<0.50	<0.50	36	6.2	---	---	---	---
MW-25	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	39	9.3	---	---	---	---
MW-25	04/12/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	9.4	---	---	---	---
MW-25	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	15	5.1	---	---	---	---
MW-25	04/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	30.6	8.61	---	---	---	---
MW-25	10/11/03	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	13	3.4	---	---	---	---
MW-25	04/22/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	13	3.5	<10	2.4	<2	<2
MW-25	11/04/04	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	17	3.4	<10	2.9	<2	<2
MW-25	05/07/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	5	<10	<2	<2	<2
MW-25	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.95	1.9	<10	<2	<2	<2
MW-25	05/05/06	---	390	---	---	---	<0.50	<0.50	<0.50	<0.50	4.3	10	<10	<2	<2	<2
MW-25	12/05/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3	3.5	<10	<2	<2	<2
MW-25	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	2.3	<10	<2	<2	<2
MW-25	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.6	1.3	<10	<2	<2	<2
MW-25	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.5	4.3	<10	<2	<2	<2
MW-25	10/16/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	8.9	6.1	<10	2.3	<2	<2
MW-25	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	8.3	2.9	<10	<2	<2	<2
MW-25	10/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4.1	0.83	<10	<2	<2	<2
MW-25	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	10	2.7	<10	2.5	<2	<2
MW-25	10/04/10	---	---	---	---	<100	<0.50	---	---	---	2	0.35 J	<10	---	---	---
MW-25	04/12/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	7.1	1.4	<10	0.71 J	<2	<2
MW-25	10/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.4	0.31 J	<10	<2	<2	<2
MW-25	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<2	<2	<2
MW-25	10/16/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	3.4	0.67	<10	<2	<2	<2
MW-25	04/09/13	---	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	3.6	0.49 J	<10	<2	<2	<2
MW-25	11/07/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	1.4	<1.2	<10	<2.0	<2.0	<2.0
MW-26	11/21/96	6700	---	<500	<500	---	460	400	200	340	0.7	---	---	---	---	---
MW-26	07/10/97	<50	---	270	<200	---	<5	<5	<5	<5	<5	340	---	---	---	---
MW-26	01/06/98	<500	---	<100	<100	---	<2.5	<2.5	<2.5	<5	<2.5	407	---	---	---	---
MW-26	05/21/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-26	11/04/98	<300	<100	---	---	---	<0.50	1.3	<0.50	1.1	<0.50	146	---	---	---	---
MW-26	05/26/99	8260	8790	---	---	---	3000	170	400	1000	<0.50	380	---	---	---	---
MW-26	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	3.4	---	---	---	---
MW-26	05/16/00	8400	7000	---	---	---	2300	<5	410	1480	<5	76	---	---	---	---
MW-26	11/29/00	1800	1000	---	---	---	440	15	69	240	<10	69	---	---	---	---
MW-26	05/10/01	<300	<100	---	---	---	2.1	<0.50	<0.50	<0.50	<0.50	1.9	---	---	---	---
MW-26	11/07/01	1700	3700	---	---	---	370	79	37	171	<0.50	35	---	---	---	---
MW-26	04/11/02	4000	5300	---	---	---	1200	<5	230	528	<5	65	---	---	---	---
MW-26	10/24/02	2100	5800	---	---	---	970	<5	<5	262	<2.5	74	---	---	---	---
MW-26	04/11/03	---	1390	---	---	---	858	<0.50	243	78.6	<0.50	108	---	---	---	---
MW-26	10/11/03	---	900	---	---	---	4.6	<0.50	5.7	0.54	<0.50	29	---	---	---	---
MW-26	04/22/04	---	570	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	140	18	<2	<2	<2
MW-26	11/04/04	---	260	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	110	23	<2	<2	<2
MW-26	05/07/05	---	170	---	---	---	<0.50	<0.50	3.1	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-26	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	05/05/06	---	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	12/06/06	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<2	<2	<2
MW-26	05/03/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-26	11/14/07	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.4	<10	<2	<2	<2
MW-26	04/17/08	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<10	<2	<2	<2
MW-26	10/16/08	---	---	---	---	150	<0.50	<0.50	<0.50	<0.50	<0.50	5	<10	<2	<2	<2
MW-26	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	10/23/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-26	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<2	<2	<2
MW-26	10/04/10	---	---	---	---	<100	1.6	---	---	---	<0.50	0.68	<10	---	---	---
MW-26	04/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
MW-26	10/13/11	---	---	---	---	<100	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	04/17/12	---	---	---	---	770	1.1	<0.50	0.32 J	0.57 J	<0.50	3.7	9.7 J	<2	<2	<2
MW-26	10/16/12	---	---	---	---	1400	3.9	0.5	2.2	0.69	<0.50	1.4	5.6 J	<2	<2	<2
MW-26	04/09/13	---	---	990 b	---	---	2	0.36 J	1.5	0.36 J	<0.50	0.74	<10	<2	<2	<2
MW-26	10/08/13	610	---	730 HD	---	---	9.9	0.33 J	0.95	0.74	<0.50	0.97	5.9 J	<2	<2	<2
MW-26	04/16/14	1200 HD	---	990 HD	---	---	1.7	0.47 J	1.1	0.84	<0.50	<0.50	14	<2	<2	<2
MW-26	10/30/14	1400	---	670	---	---	<0.50	<0.50	0.54	<1	<0.50	<2	<10	<2	<2	<2
MW-26	04/29/15	430	---	500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-26	10/23/15	280	---	230	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-26	04/13/16	200	---	200	---	---	0.8	<0.50	1.6	4.9	<0.50	<1	<10	<2	<2	<2
MW-26	10/05/16	170	---	270	---	---	2.2	<0.50	<0.50	<1	<0.50	1	<10	<2	<2	<2
MW-26	04/19/17	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	10/04/17	210	---	370	---	---	1	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	04/19/18	130	---	340	---	---	2.3	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	11/08/18	<100	---	240	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	04/17/19	<100	---	330	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-26	11/05/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	05/04/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	10/19/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	05/04/21	<100	---	120	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	11/03/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	05/09/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	11/22/96	<50	---	<500	<500	---	180	12	25	50	<0.50	---	---	---	---	---
MW-27	07/10/97	420	---	400	<400	---	1400	28	53	253	<5	79	---	---	---	---
MW-27	01/06/98	1500	---	<100	100	---	940	<5	70	20	20	90	---	---	---	---
MW-27	05/21/98	<300	---	---	---	---	<0.30	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-27	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	05/26/99	<300	<100	---	---	---	<0.50	<0.50	0.71	1.33	<0.50	1.1	---	---	---	---
MW-27	11/18/99	7200	6400	---	---	---	1700	8.6	100	1110	<0.50	170	---	---	---	---
MW-27	05/16/00	<300	<100	---	---	---	1.7	<0.50	<0.50	<0.50	<0.50	5	---	---	---	---
MW-27	11/29/00	<300	<100	---	---	---	0.9	0.7	0.7	1	0.6	17	---	---	---	---
MW-27	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-27	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-27	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	9.7	---	---	---	---
MW-27	04/11/03	---	<100	---	---	---	<0.50	<0.50	2.76	<0.50	<0.50	16.7	---	---	---	---
MW-27	10/11/03	---	150	---	---	---	6.2	<0.50	0.79	<0.50	<0.50	8.9	---	---	---	---
MW-27	04/22/04	---	1600	---	---	---	130	<0.50	16	<0.50	<0.50	65	20	<2	<2	<2
MW-27	11/06/04	---	540	---	---	---	1.6	<0.50	17	<0.50	<0.50	65	21	<2	<2	<2
MW-27	05/07/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	11/08/05	---	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<2	<2	<2
MW-27	05/05/06	---	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-27	12/06/06	---	180	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
MW-27	05/03/07	---	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
MW-27	11/14/07	---	<100	---	---	---	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/18/08	---	<100	---	---	---	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/17/08	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/22/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/26/09	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
MW-27	04/13/10	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.5 J	<2	<2	<2
MW-27	10/04/10	---	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
MW-27	04/12/11	---	---	---	---	430	<0.50	<0.50	0.35 J	3.2	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/13/11	---	---	---	---	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/17/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/16/12	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	<0.50	5	12	<2	<2	<2
MW-27	04/09/13	---	---	310 b	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	23	<2	<2	<2
MW-27	10/08/13	<100	---	130 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	5.7 J	<2	<2	<2
MW-27	10/29/14	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-27	04/22/15	<100	---	160	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.4	<10	<2	<2	<2
MW-27	10/23/15	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.7	<10	<2	<2	<2
MW-27	04/13/16	<100	---	160	---	---	1.2	<0.50	1.7	5.5	<0.50	3.3	<10	<2	<2	<2
MW-27	10/05/16	<100	---	220	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	<10	<2	<2	<2
MW-27	04/19/17	<100	---	130	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-27	10/04/17	<100	---	260	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	<10	<2	<2	<2
MW-27	04/19/18	<100	---	350	---	---	<0.50	<0.50	<0.50	<1	<0.50	3.1	14	<2	<2	<2
MW-27	11/08/18	<100	---	150	---	---	<0.50	<0.50	<0.50	<1	<0.50	2.5	<10	<2	<2	<2
MW-27	04/17/19	<100	---	300	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-27	11/05/19	<100	---	130	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	1.4	<10	<2.0	<2.0	<2.0
MW-27	05/07/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
MW-27	10/22/20	<100	---	250	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	1.7	26	<2.0	<2.0	<2.0
MW-27	05/07/21	<100	---	260	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	11/08/21	<100	---	400	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	05/16/22	<100	---	380	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-28	11/27/96	1500	---	<500	<500	---	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---	---
MW-28	07/10/97	220	---	2200	<1900	---	<5	<5	<5	<5	<5	<5	---	---	---	---
MW-28	01/07/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
MW-28	05/21/98	<300	---	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	11/05/98	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	05/26/99	<300	<100	---	---	---	0.33	<0.30	<0.30	0.7	---	---	---	---	---	---
MW-28	11/18/99	<300	330	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-28	05/17/00	<300	250	---	---	---	<0.30	<0.30	<0.30	<0.60	---	---	---	---	---	---
MW-28	12/01/00	<300	470	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	05/10/01	<300	3000	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	11/08/01	300	160	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	04/12/02	<300	170	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-28	04/22/15	<100	---	420	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-28	04/20/17	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	05/21/98	84700	---	---	---	---	313	45.7	314	366	---	---	---	---	---	---
MW-29	11/05/98	28600	19600	---	---	---	87	<0.30	2.2	31	---	---	---	---	---	---
MW-29	05/27/99	1810	2540	---	---	---	150	<0.60	160	23	---	---	---	---	---	---
MW-29	11/18/99	5100	17000	---	---	---	220	<0.30	190	21	---	---	---	---	---	---
MW-29	05/17/00	1100	3400	---	---	---	23	<0.30	35	7.6	---	---	---	---	---	---
MW-29	11/30/00	2400	14000	---	---	---	120	<0.30	160	4.4	---	<5	---	---	---	---
MW-29	05/09/01	<300	<100	---	---	---	<0.30	<0.30	<0.30	<0.60	---	<5	---	---	---	---
MW-29	11/07/01	1500	1500	---	---	---	14	<0.30	3.7	2.1	---	8.3	---	---	---	---
MW-29	02/01/02	---	---	---	---	---	100	7.3	160	990	<0.50	<0.50	---	---	---	---
MW-29	04/11/02	860	5600	---	---	---	4.1	<0.30	4.3	12	---	<5	---	---	---	---
MW-29	04/12/13	---	---	2200	---	---	<0.50	<0.50	0.64	1.19 J	<0.50	<0.50	<10	<2	<2	<2
MW-29	10/08/13	570	---	2900 HD	---	---	0.21 J	<0.50	0.75	1.4	<0.50	<0.50	8.7 J	<2	<2	<2
MW-29	04/17/14	710 HD	---	3300 HD	---	---	11	<0.50	0.75	1.46	<0.50	<0.50	9.4 J	<2	<2	<2
MW-29	10/31/14	700	---	3200	---	---	6.4	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-29	04/29/15	370	---	2900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	11	<2	<2	<2
MW-29	10/26/15	120	---	490	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
MW-29	04/14/16	<100	---	350	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	10/07/16	<100	---	250	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	04/20/17	<100	---	380	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	10/04/17	<100	---	630	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	04/18/18	<100	---	170	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	11/06/18	<100	---	250	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	04/19/19	<100	---	140	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
MW-29	10/31/19	<100	---	250	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	05/07/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	10/20/20	<100J	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
MW-29	05/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	11/02/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	05/10/22	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-O-1	10/08/10	32000	<30000	---	---	---	3700	1700	1100	1800	<50	60	<500	<50	<50	<50
MW-O-1	04/13/11	14000	40000	---	---	---	1900	370	400	2400	<20	13	<200	<20	<20	<20
MW-O-1	10/14/11	15000	22000	---	---	---	580	240	580	1800	<20	<10	<200	<20	<20	26
MW-O-1	10/19/12	4500	---	8800	---	---	570	160	94	540	<4	17	59	<4	<4	<4
MW-O-1	10/27/15	26000	---	20000	---	---	5900	3100	110	810	<100	280	<1000	<100	<100	<100
MW-O-1	08/20/20	<50	---	2600	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.4	<10	<1.0	<1.0	<1.0
MW-O-1	02/25/21	<50	---	2600	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	8.8 J	130 J	<1.0	<1.0	<1.0
MW-O-2	10/05/10	570	<540	---	---	---	87	5.6	7.2	33	<1	81	33	3.3	<1	<1
MW-O-2	04/27/12	21000	---	13000	---	---	7900	120	200	570	<100	160	<1000	<100	<100	<100
MW-O-2	06/06/13	10000	---	7000	---	---	5400	<40	91	200	<80	190	<800	<80	<80	<80

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-O-2	10/11/13	43000	---	4800	---	---	17000	710	530	1500	<130	710	<1300	<130	<130	<130
MW-O-2	04/17/14	37000	---	1200	---	---	16000	1600	220	1500	<100	900	2100	<100	<100	<100
MW-O-2	08/23/16	73000	---	81000	---	---	3400	510	410	9700	0.46	410	680	30	<80	16
MW-O-2	10/06/17	23000	---	11000	---	---	9400	<50	99	820	<100	210	1500	130	<100	<100
MW-O-2	11/09/18	<5000	---	2600	---	---	2100	<25	<25	<25	<50	73	910	81	<50	<50
MW-O-2	04/18/19	2000	---	11000	---	---	980	<5	<5	<5	<10	55	490	<10	<10	<10
MW-O-2	05/07/20	9200	---	8300	---	---	5,500	<15	60	<15	<30	49	970	<30	<30	<30
MW-O-2	08/20/20	8100	---	15000	---	---	4400	<20	44	<20	<40	31	530	<40	<40	<40
MW-O-2	11/09/20	10000	---	13000	---	---	6200	<20	31	<20	<40	95	1100	<40	<40	<40
MW-O-2	02/24/21	5300	---	7800	---	---	1,900	<10	10	<10	<20	18	290	<20	<20	<20
MW-O-2	05/05/21	12000	---	4500	---	---	4,100	<20	44	<20	<40	32	<400	<40	<40	<40
MW-O-2	08/31/21	520	---	2000	---	---	86	2.0	5.4	1.5	<1.0	11	300	17	<1.0	<1.0
MW-O-2	11/04/21	5600	---	1500	---	---	2,500	16	47	10	<20	58	1,500	<20	<20	<20
MW-O-2	03/10/22	2100	---	5700	---	---	890	6.7	38	8.2	<5.0	25	980	13	<5.0	<5.0
MW-O-2	05/12/22	1100	---	4600	---	---	410	5.0	8.5	2.8	<5.0	37	1,200	44	<5.0	<5.0
MW-SF-1	03/11/03	1700	1500	---	---	---	1400	16	76	54	<1	620	---	---	---	---
MW-SF-1	08/01/03	13000	18000	---	---	---	4200	240	420	1020	<30	910	---	---	---	---
MW-SF-1	10/07/03	15000	7300	---	---	---	4800	170	390	1060	<40	800	---	---	---	---
MW-SF-1	04/22/04	27000	11000	---	---	---	11000	510	480	970	<100	3800	---	---	---	---
MW-SF-1	11/03/04	34000	12000	---	---	---	13000	400	690	1170	<100	2600	---	---	---	---
MW-SF-1	05/06/05	12000	8800	---	---	---	3900	220	240	340	<30	670	---	---	---	---
MW-SF-1	11/02/05	15000	9200	---	---	---	5600	340	330	1050	<50	570	---	---	---	---
MW-SF-1	05/09/06	20000	9000	---	---	---	8200	730	570	1050	<100	1300	---	---	---	---
MW-SF-1	12/08/06	19000	20000	---	---	---	7000	640	590	960	<100	650	---	---	---	---
MW-SF-1	03/13/07	10000	2700	---	---	---	3400	320	390	790	<50	160	---	---	---	---
MW-SF-1	05/04/07	11000	4600	---	---	---	3400	110	430	229	<50	340	---	---	---	---
MW-SF-1	08/30/07	16000	9000	---	---	---	6000	210	550	290	<100	430	---	---	---	---
MW-SF-1	11/14/07	16000	6300	---	---	---	6100	180	540	213	<50	400	---	---	---	---
MW-SF-1	02/21/08	23000	5600	---	---	---	11000	280	530	500	<100	1100	---	---	---	---
MW-SF-1	04/16/08	21000	11000	---	---	---	11000	350	440	550	<200	740	---	---	---	---
MW-SF-1	08/14/08	18000	27000	---	---	---	8200	240	390	253	<100	490	---	---	---	---
MW-SF-1	10/16/08	21000	12000	---	---	---	10000	280	490	477	<100	770	---	---	---	---
MW-SF-1	02/24/09	11000	10000	---	---	---	6300	85	160	65	<50	420	<500	---	---	---
MW-SF-1	04/20/09	16000	11000	---	---	---	7500	210	340	261	<100	340	<1000	<100	<100	<100
MW-SF-1	07/22/09	12000	34000	---	---	---	6300	110	180	89	<50	510	540	<50	<50	<50
MW-SF-1	10/23/09	21000	12000	---	---	---	11000	110	350	63	<100	620	<1000	<100	<100	<100
MW-SF-1	03/16/10	13000	12000	---	---	---	5900	56	120	55	<50	650	<500	<50	<50	<50
MW-SF-1	05/27/10	8800	3500	---	---	---	3900	46	150	51	<40	140	<400	<40	<40	<40
MW-SF-1	07/13/10	8600	11000	---	---	---	4000	41	64	<25	<50	350	<500	<50	<50	<50
MW-SF-1	10/07/10	10000	<5000	---	---	---	5200	58	67	<50	<100	440	<1000	<100	<100	<100
MW-SF-1	01/12/11	15000	15000	---	---	---	8500	<50	<50	<50	<100	650	<1000	<100	<100	<100
MW-SF-1	04/13/11	16000	9400	---	---	---	7800	62	97	93	<100	450	<1000	<100	<100	<100
MW-SF-1	07/12/11	8400	12000	---	---	---	4700	34	76	<38	<50	240	<500	<50	<50	<50
MW-SF-1	10/12/11	9500	9800	---	---	---	4500	32	71	37	<50	180	<500	<50	<50	<50
MW-SF-1	01/10/12	15000	13000	---	---	---	7300	94	140	140	<100	240	<1000	<100	<100	<100
MW-SF-1	04/19/12	8800	---	17000	---	---	4600	33	90	83	<50	110	<500	<50	<50	<50

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-SF-1	10/18/12	3700	---	6400	---	---	1500	<10	15	<10	<20	45	<200	<20	<20	<20
MW-SF-1	01/15/13	8500	---	4100	---	---	4500	93	56	39	<50	110	<500	<50	<50	<50
MW-SF-1	06/30/16	260	---	760	---	---	0.69	<0.50	0.5	0.98	<1	1.6	19	<1	<1	<1
MW-SF-1	08/23/16	<100	---	920	---	---	0.89	0.31	0.32	1.6	0.02	0.76	9.9	0.21	<2	0.39
MW-SF-1	10/07/16	55	---	1200	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1	<1	<1
MW-SF-1	04/20/17	<100	---	1800	---	---	2.1	<0.50	<0.50	<0.50	<1	0.92	17	<1	<1	<1
MW-SF-1	10/06/17	<100	---	570	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
MW-SF-1	04/19/18	61	---	310	---	---	<0.50	<0.50	<0.50	2.4	<0.50	<0.50	<10	<1	<1	<1
MW-SF-1	11/09/18	<50	---	270	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-1	04/19/19	<100	---	450	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
MW-SF-1	10/31/19	<200	---	580	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-1	05/12/20	<200	---	280	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-1	11/06/20	<100	---	580	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-1	05/06/21	<100	---	500	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	2.3	<1.0	<1.0
MW-SF-1	11/04/21	<50	---	1100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	<10	11	<1.0	<1.0
MW-SF-1	05/13/22	<100	---	1000	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	1.7	<10	26	<1.0	<1.0
MW-SF-2	10/05/10	110000	<180000	---	---	---	21000	18000	1200	7100	<200	1700	<2000	<200	<200	<200
MW-SF-2	04/14/11	48000	26000	---	---	---	15000	1800	600	5400	<200	930	<2000	<200	<200	<200
MW-SF-2	10/13/11	72000	18000	---	---	---	18000	9600	660	5100	<200	940	<2000	<200	<200	<200
MW-SF-3	10/04/10	<500	<3700	---	---	---	32	10	<2.5	8.4	<5	50	3000	<5	<5	<5
MW-SF-3	04/29/11	15000	52000	---	---	---	5200	590	140	520	<50	2300	1200	<50	<50	<50
MW-SF-3	10/14/11	9500	3400	---	---	---	4300	<25	28	38	<50	98	<500	<50	<50	<50
MW-SF-3	11/03/15	280000	---	240000	---	---	11000	18000	1200	28000	<200	7600	<2000	<200	<200	<200
MW-SF-4	03/11/03	3600	2500	---	---	---	1100	<13	180	120	<13	750	---	---	---	---
MW-SF-4	10/08/03	40000	86000	---	---	---	4600	1900	990	5200	<40	530	---	---	---	---
MW-SF-4	02/21/08	25000	9900	---	---	---	4100	89	1200	2730	<40	330	---	---	---	---
MW-SF-4	04/16/08	21000	11000	---	---	---	4600	94	970	2920	<100	380	---	---	---	---
MW-SF-4	08/14/08	20000	54000	---	---	---	4200	43	1100	770	<50	260	---	---	---	---
MW-SF-4	10/16/08	17000	12000	---	---	---	3700	42	1100	1196	<40	170	---	---	---	---
MW-SF-4	02/23/09	20000	32000	---	---	---	6400	92	1000	1420	<50	950	<500	---	---	---
MW-SF-4	05/28/10	17000	8800	---	---	---	7200	39	370	250	<50	440	<500	120	<50	<50
MW-SF-4	07/14/10	13000	9500	---	---	---	4400	37	450	360	<50	320	<500	64	<50	<50
MW-SF-4	10/07/10	30000	<31000	---	---	---	8900	<50	940	770	<100	620	<1000	<100	<100	<100
MW-SF-4	01/12/11	20000	18000	---	---	---	8500	<50	350	280	<100	350	<1000	100	<100	<100
MW-SF-4	04/13/11	11000	28000	---	---	---	2600	<15	320	297	<30	180	<300	<30	<30	<30
MW-SF-4	07/12/11	15000	10000	---	---	---	4500	36	530	540	<50	220	<500	<50	<50	<50
MW-SF-4	01/10/12	22000	54000	---	---	---	4900	<25	590	770	<50	160	<500	<50	<50	<50
MW-SF-4	04/20/12	19000	---	7200	---	---	4500	36	480	430	<50	460	<500	<50	<50	<50
MW-SF-4	10/19/12	8900	---	9900	---	---	2200	40	280	420	<20	160	410	<20	<20	<20
MW-SF-4	01/15/13	13000	---	3700	---	---	5000	46	660	300	<80	380	<800	<80	<80	<80
MW-SF-4	06/30/16	540	---	20000	---	---	2.3	<0.50	0.75	20	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	08/23/16	<100	---	5000	---	---	0.57	0.13	0.27	2.2	<1	0.28	6.5	0.08	0.41	<2
MW-SF-4	10/07/16	<500	---	4700	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-SF-4	04/20/17	<100	---	1400 J	---	---	3.4	<0.50	0.53	1.2	<1	1.2	<10	5.6	<1	<1
MW-SF-4	10/06/17	<200	---	3300	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-4	04/20/18	<50	---	1300	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-SF-4	04/19/19	<50	---	1800	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	10/31/19	<50	---	640	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-4	05/12/20	<50	---	260	---	---	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-4	11/06/20	<50	---	160	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	33	8.9	<1.0	<1.0
MW-SF-4	05/06/21	<50	---	230	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	11	<1.0	<1.0
MW-SF-4	05/13/22	<100	---	310	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	21	<1.0	<1.0
MW-SF-5	10/08/10	540	<2700	---	---	---	110	1.1	<1	<1	<2	400	180	18	<2	<2
MW-SF-5	04/13/11	570	2900	---	---	---	41	<2	<2	<2	<4	380	270	24	<4	<4
MW-SF-5	10/13/11	<500	2900	---	---	---	6.9	<2.5	<2.5	<2.5	<5	240	100	11	<5	<5
MW-SF-5	10/31/14	<200	---	1800	---	---	3.4	7	1	14	<2	17	70	<2	<2	<2
MW-SF-5	04/24/15	<500	---	1200	---	---	190	<2.5	<2.5	<2.5	<5	16	<50	<5	<5	<5
MW-SF-5	10/27/15	270	---	370	---	---	13	0.52	<0.50	0.89	<0.50	10	35	2	<1	<1
MW-SF-6	10/08/10	59000	9200	---	---	---	15000	7200	940	4300	<200	740	<2000	<200	<200	<200
MW-SF-6	04/14/11	32000	12000	---	---	---	12000	330	540	3800	<100	810	<1000	<100	<100	<100
MW-SF-6	10/13/11	40000	11000	---	---	---	14000	420	780	3600	<200	570	<2000	<200	<200	<200
MW-SF-6	08/23/16	13000	---	2700	---	---	2400	<10	66	1300	<20	58	510	<20	<20	<20
MW-SF-6	10/07/16	8400	---	10000	---	---	430	<5	35	640	<10	53	390	<10	<10	<10
MW-SF-6	04/20/17	2000	---	3900	---	---	42	<1	5.8	37	<2	21	130	22	<2	<2
MW-SF-6	10/06/17	1300	---	71000	---	---	98	<1	32	53	<2	3.1	32	4.2	<2	<2
MW-SF-6	04/20/18	<200	---	5200	---	---	5.5	<1	1.8	1.5	<2	3.6	110	5.6	<2	<2
MW-SF-6	11/09/18	<200	---	8200	---	---	12	<1	3.1	4.1	<2	4.2	37	5.2	<2	<2
MW-SF-6	04/19/19	200	---	6300	---	---	12	<1	6.2	6.4	<2	2.8	66	13	<2	<2
MW-SF-6	10/31/19	<200	---	13000	---	---	2.8	<1.0	1.8	1.6	<2.0	1.0	60	6.6	<2.0	<2.0
MW-SF-6	05/11/20	<200	---	3100	---	---	2.8	<1.0	<1.0	<1.0	<2.0	3.2	180	20	<2.0	<2.0
MW-SF-6	11/09/20	<200	---	110000	---	---	5.3	<1.0	<1.0	<1.0	<2.0	2.7	130	28	<2.0	<2.0
MW-SF-6	05/06/21	<200	---	61000	---	---	5.7	<1.0	1.5	1.8	<2.0	<1.0	<20	16	<2.0	<2.0
MW-SF-6	11/04/21	120	---	9000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	15	<1.0	<1.0
MW-SF-6	05/13/22	<200	---	15000	---	---	1.9	<1.0	<1.0	<1.0	<2.0	5.1	26	26	<2.0	<2.0
MW-SF-9	03/11/03	24000	13000	---	---	---	3200	940	340	1040	<25	1600	---	---	---	---
MW-SF-9	08/01/03	6600	95000	---	---	---	980	72	140	430	17	2500	---	---	---	---
MW-SF-9	10/07/03	5800	3300	---	---	---	340	8.8	82	92	<5	3200	---	---	---	---
MW-SF-9	05/04/05	5700	9700	---	---	---	730	73	130	190	<10	54	---	---	---	---
MW-SF-9	11/03/05	<500	690	---	---	---	9.4	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
MW-SF-9	12/08/06	<500	10000	---	---	---	35	<2.5	<2.5	3.6	<5	8.7	---	---	---	---
MW-SF-9	11/14/07	110	1400	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MW-SF-9	04/16/08	920	5800	---	---	---	200	1.4	6.3	3.9	<1	16	---	---	---	---
MW-SF-9	10/21/08	350	770	---	---	---	10	<0.50	2.3	<0.50	<1	<0.50	---	---	---	---
MW-SF-9	04/23/09	430	3800	---	---	---	44	<0.50	1.2	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-9	10/22/09	2400	5900	---	---	---	1300	<10	11	<10	<20	13	<200	<20	<20	<20
MW-SF-9	05/27/10	350	8200	---	---	---	100	1.3	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-9	10/07/10	1100	<7300	---	---	---	450	7.8	17	<2.5	<5	<2.5	<50	<5	<5	<5
MW-SF-9	04/13/11	310	5900	---	---	---	36	<0.50	<0.50	1.23	<1	<0.50	<10	<1	<1	<1
MW-SF-9	04/19/12	480	---	3300	---	---	160	<1	<1	<1	<2	<1	<20	2.2	<2	<2
MW-SF-9	06/06/13	2300	---	4500	---	---	680	25	52	190	<10	20	<100	40	<10	<10
MW-SF-9	10/11/13	4100	---	7300	---	---	910	220	55	310	<20	17	<200	<20	<20	<20
MW-SF-9	04/14/16	2300	---	5100	---	---	96	1.8	64	170	<3	1.7	130	3.4	<3	<3

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-SF-10	10/05/10	30000	<220000	---	---	---	1500	1200	600	2700	<30	31	<300	<30	<30	<30
MW-SF-10	04/14/11	31000	160000	---	---	---	520	68	410	6500	<20	21	<200	<20	<20	<20
MW-SF-10	10/13/11	18000	46000	---	---	---	320	320	260	2900	<20	<10	<200	<20	<20	<20
MW-SF-11	10/05/10	7800	650	---	---	---	4000	210	<15	110	<30	140	940	<30	<30	<30
MW-SF-11	04/29/11	16000	2500	---	---	---	10000	60	95	140	<100	130	<1000	<100	<100	<100
MW-SF-11	10/13/11	30000	2300	---	---	---	14000	250	340	600	<200	<100	<2000	<200	<200	<200
MW-SF-11	04/19/12	15000	---	160	---	---	8100	130	110	480	<100	100	<1000	<100	<100	<100
MW-SF-11	10/18/12	77000	---	320	---	---	18000	420	2600	6500	<200	<100	<2000	<200	<200	<200
MW-SF-12	10/05/10	17000	1900	---	---	---	5300	1800	110	680	<50	2200	880	<50	<50	<50
MW-SF-12	04/29/11	27000	19000	---	---	---	5900	4400	340	3400	<50	2200	<500	<50	<50	<50
MW-SF-12	10/13/11	110000	11000	---	---	---	24000	18000	1000	6400	<200	7200	<2000	<200	<200	<200
MW-SF-13	10/05/10	9000	2900	---	---	---	2100	1000	83	520	<20	680	280	61	<20	<20
MW-SF-13	04/29/11	3400	6300	---	---	---	1000	64	20	189	<10	39	270	23	<10	<10
MW-SF-13	10/14/11	42000	13000	---	---	---	12000	5200	300	2200	<200	580	<2000	<200	<200	<200
MW-SF-13	08/23/16	790	---	2600	---	---	2.6	1.2	8.2	24	<2	<1	<20	<2	<2	<2
MW-SF-13	10/07/16	5300	---	4400	---	---	<5	<5	200	350	<10	<5	<100	<10	<10	<10
MW-SF-13	04/20/17	2000	---	1500	---	---	3.9	1.6	26	60	<2	1.9	36	4.8	<2	<2
MW-SF-13	10/06/17	<100	---	2700	---	---	2	0.67	<0.50	<0.50	<1	0.98	18	2.6	<1	<1
MW-SF-13	04/20/18	<100	---	1400	---	---	1.3	<0.50	<0.50	<0.50	<1	0.55	<10	<1	<1	<1
MW-SF-13	11/09/18	<200	---	530	---	---	1.2	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-13	04/19/19	<200	---	980	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-13	11/01/19	<200	---	1000	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-13	05/12/20	<100	---	1100	---	---	0.79	<0.50	<0.50	<0.50	<1.0	0.58	<10	<1.0	<1.0	<1.0
MW-SF-13	11/06/20	<50	---	1000	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-13	05/06/21	<100	---	340	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	0.56	<10	<1.0	<1.0	<1.0
MW-SF-13	11/03/21	78	---	1400	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-13	05/13/22	<200	---	2300	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-14	10/08/10	30000	9300	---	---	---	10000	300	900	1400	<200	1900	2300	<200	<200	<200
MW-SF-14	04/29/11	18000	6500	---	---	---	12000	84	130	150	<100	330	1800	<100	<100	<100
MW-SF-14	10/13/11	<20000	6900	---	---	---	9100	120	<100	660	<200	760	<2000	<200	<200	<200
MW-SF-14	04/19/12	15000	---	450	---	---	8200	47	43	120	<50	220	630	<50	<50	<50
MW-SF-14	10/18/12	9800	---	200	---	---	5100	24	<20	64	<40	58	<400	<40	<40	<40
MW-SF-14	04/24/15	510	---	3300	---	---	100	13	<2.5	18	<5	21	<50	<5	<5	<5
MW-SF-14	10/27/15	270000	---	440000	---	---	8700	18000	2800	19000	<200	2600	<2000	<200	<200	<200
MW-SF-14	04/15/16	370	---	17000	---	---	4.7	<0.50	<0.50	39	<0.50	63	500	<1	<1	<1
MW-SF-15	10/05/10	8600	2000	---	---	---	1900	700	63	500	<20	1000	9200	37	<20	<20
MW-SF-15	04/29/11	10000	3800	---	---	---	5500	230	100	361	<40	1200	3400	62	<40	<40
MW-SF-15	10/14/11	35000	39000	---	---	---	11000	860	210	1700	<200	780	2300	<200	<200	<200
MW-SF-15	08/23/16	300	---	1400	---	---	5.2	0.57	3	23	0.04	38	440	5.2	0.78	1.4
MW-SF-15	10/07/16	<500	---	16000	---	---	7.1	<2.5	<2.5	3.5	<5	26	720	12	<5	<5
MW-SF-15	04/20/17	190	---	550	---	---	2.5	<0.50	0.69	<0.50	<1	17	300	48	<1	<1
MW-SF-15	10/06/17	110	---	1300	---	---	1.5	<0.50	<0.50	<0.50	<1	1.3	180	52	<1	<1
MW-SF-15	04/20/18	120	---	410	---	---	2.1	<0.50	<0.50	<0.50	<1	4.6	1400	53	<1	<1
MW-SF-15	11/08/18	130	---	140	---	---	1.6	<0.50	<0.50	<0.50	0.85	1.9	220	55	<1	<1
MW-SF-15	04/23/19	130	---	870	---	---	3	0.91	0.53	4.9	<1	1.8	71	54	<1	<1
MW-SF-15	10/31/19	130	---	600	---	---	0.55	<0.50	<0.50	<0.50	<1.0	3.5	83	69	<1.0	<1.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
MW-SF-15	05/11/20	<100	---	230	---	---	0.89	<0.50	<0.50	<0.50	<1.0	1.5	120	85	<1.0	<1.0
MW-SF-15	11/06/20	<100	---	580	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	0.75	28	26	<1.0	<1.0
MW-SF-15	05/06/21	<100	---	320	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	0.83	<10	15	<1.0	<1.0
MW-SF-15	11/04/21	<100	---	440	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	1.3	79	16	<1.0	<1.0
MW-SF-15	05/13/22	<200	---	550	---	---	<1.0	<1.0	<1.0	<1.0	<2.0	4.7	1,200	95	<2.0	<2.0
MW-SF-16	10/04/10	4100	<1400	---	---	---	1600	150	39	160	<20	170	1800	39	<20	<20
MW-SF-16	04/29/11	5900	2400	---	---	---	2400	210	150	563	<20	210	370	30	<20	<20
MW-SF-16	10/14/11	7900	2500	---	---	---	2900	130	140	380	<50	200	<500	<50	<50	<50
MW-SF-16	10/31/14	100000	---	110000	---	---	7400	7800	1000	17000	<200	350	<2000	<200	<200	<200
MW-SF-16	04/24/15	30000	---	250000	---	---	1400	2300	570	4100	<40	170	<400	<40	<40	<40
MW-SF-16	10/27/15	3000	---	490	---	---	750	39	35	160	<20	41	<200	37	<20	<20
PO-7	11/08/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
PW-1	11/27/96	---	---	---	---	---	<1	2.2	<1	2	270	<10	---	---	---	---
PW-1	07/15/97	190	---	<500	---	---	<0.50	<0.50	<0.50	<1	180	<5	---	---	---	---
PW-1	01/05/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	68	<5	---	---	---	---
PW-1	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	38	<0.50	---	---	---	---
PW-1	11/13/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<0.50	73	8.1	---	---	---	---
PW-1	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	---	---	---	---
PW-1	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	---	---	---	---
PW-1	05/17/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	---	---	---	---
PW-1	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	---	---	---	---
PW-1	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
PW-1	11/07/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	---	---	---	---
PW-1	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	10/23/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	10/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	11/04/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	---	---	---	---
PW-1	05/09/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	12/07/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	05/05/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	11/14/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/18/08	<50	460	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	11/21/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-1	04/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	11/07/19	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PW-2	11/25/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	76	3.3	---	---	---	---
PW-2	07/14/97	140	---	<500	---	---	<0.50	<0.50	<0.50	<1	160	<5	---	---	---	---
PW-2	01/06/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	82	<5	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PW-2	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	37	0.9	---	---	---	---
PW-2	08/25/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	<0.50	---	---	---	---
PW-2	11/16/98	<300	---	---	---	---	16	18	2	10.9	35	58	---	---	---	---
PW-2	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	79	2.4	---	---	---	---
PW-2	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	---	---	---	---
PW-2	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	32	<1	---	---	---	---
PW-2	11/19/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	45	0.7	---	---	---	---
PW-2	02/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	58	<0.50	---	---	---	---
PW-2	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	0.8	---	---	---	---
PW-2	08/29/00	<300	760	---	---	---	<0.50	<0.50	<0.50	<0.50	56	0.6	---	---	---	---
PW-2	11/29/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	0.6	---	---	---	---
PW-2	02/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	28	0.8	---	---	---	---
PW-2	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	<0.50	---	---	---	---
PW-2	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	24	<0.50	---	---	---	---
PW-2	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	<0.50	---	---	---	---
PW-2	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	1.7	19	<0.50	---	---	---	---
PW-2	10/24/02	<300	1000	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	01/16/03	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
PW-2	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	07/07/03	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PW-2	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	---	---	---	---
PW-2	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	18	0.56	---	---	---	---
PW-2	07/08/04	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	11/03/04	83	140	---	---	---	<0.50	<0.50	<0.50	<0.50	52	1.5	---	---	---	---
PW-2	05/06/05	110	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	70	6.2	---	---	---	---
PW-2	11/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	05/04/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.8	<0.50	---	---	---	---
PW-2	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.57	<0.50	---	---	---	---
PW-2	11/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-2	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/25/96	---	---	---	---	---	<0.50	<0.50	<0.50	<1.5	110	<5	---	---	---	---
PW-3	07/14/97	140	---	<500	---	---	5.9	2.4	2.9	8.4	67	<5	---	---	---	---
PW-3	01/08/98	<100	---	<500	---	---	1.2	1.1	<0.50	<1.5	46	<5	---	---	---	---
PW-3	05/22/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	48	1.6	---	---	---	---
PW-3	08/25/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35.3	<0.50	---	---	---	---
PW-3	11/16/98	<300	---	---	---	---	<0.50	4.5	0.6	3.6	21	<0.50	---	---	---	---
PW-3	02/03/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	25	<0.50	---	---	---	---
PW-3	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	21	<0.50	---	---	---	---
PW-3	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	13	<1	---	---	---	---
PW-3	11/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.5	<0.50	---	---	---	---
PW-3	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	---	---	---	---
PW-3	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
PW-3	11/06/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.8	<0.50	---	---	---	---
PW-3	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PW-3	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3	<0.50	---	---	---	---
PW-3	10/24/02	<300	1600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	01/16/03	<300	<100	---	---	---	---	---	---	---	---	---	---	---	---	---
PW-3	04/08/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	---	---	---	---
PW-3	07/07/03	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PW-3	10/07/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	---	---	---	---
PW-3	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	07/13/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/03/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	---	---	---	---
PW-3	11/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	05/03/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	---	---	---	---
PW-3	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	11/15/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	04/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	10/17/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PW-3	04/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	<10	<1	<1	<1
PW-3	10/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.86	<0.50	<10	<1	<1	<1
PW-3	05/26/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1	<1	<1
PW-3	10/06/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	1	<1	<1
PW-3	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/29/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/21/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.67	<0.50	<10	<1	<1	<1
PW-3	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/19/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/31/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	05/11/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	11/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	05/06/21	<50	---	180	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	11/02/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-1	11/27/96	---	---	---	---	---	79	16	140	49	15	610	---	---	---	---
PZ-1	07/16/97	220	---	<500	---	---	<0.50	<0.50	13	<1	3	480	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PZ-1	01/06/98	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1.5	1.3	17	---	---	---	---
PZ-1	05/26/98	400	---	---	---	---	<5	<5	<5	<10	<5	370	---	---	---	---
PZ-1	11/16/98	516	<100	---	---	---	110	67	8	38	7.2	320	---	---	---	---
PZ-1	05/06/99	2000	---	<500	---	---	500	<2	13	120	<5	230	---	---	---	---
PZ-1	11/17/99	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<2.5	210	---	---	---	---
PZ-1	05/17/00	350	740	---	---	---	51	<2.5	2.7	<2.5	<2.5	250	---	---	---	---
PZ-1	11/29/00	390	720	---	---	---	79	<2.5	<2.5	<2.5	<2.5	260	---	---	---	---
PZ-1	05/08/01	<300	380	---	---	---	15	<0.50	<0.50	<0.50	<0.50	330	---	---	---	---
PZ-1	11/06/01	550	140	---	---	---	8.4	<0.50	<0.50	0.7	1.4	470	---	---	---	---
PZ-1	04/09/02	<300	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<2.5	270	---	---	---	---
PZ-2	04/11/13	210	---	940	---	---	9.9	<1	13	<1	<2	<1	<20	<2	<2	<2
PZ-2	10/11/13	400	---	580	---	---	9	<0.50	1.3	2	<1	<0.50	23	<1	<1	<1
PZ-2	04/17/14	330	---	280	---	---	2	<0.50	<0.50	2.6	<1	0.6	25	<1	<1	<1
PZ-2	04/23/15	250	---	810	---	---	<1	<1	2.5	13	<2	<1	29	<2	<2	<2
PZ-2	10/27/15	210	---	460	---	---	1.2	<0.50	1.2	3.8	<0.50	0.56	42	<1	<1	<1
PZ-2	03/15/16	1200	---	1800	---	---	150	16	32	72	<2	4	<20	<2	<2	<2
PZ-2	04/13/16	2300	---	1300	---	---	110	20	120	390	<2	1.3	<20	<2	<2	<2
PZ-2	06/30/16	790	---	550	---	---	77	3	21	43	<0.50	1.2	<10	1	<1	<1
PZ-2	08/23/16	590	---	570	---	---	62	7.9	12	37	0.55	1.3	11	1.4	<2	0.38
PZ-2	10/06/16	410	---	550	---	---	3.5	0.84	8.2	22	<0.50	1.7	23	<1	<1	<1
PZ-2	04/20/17	<50	---	94	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	<10	<1	<1	<1
PZ-2	10/05/17	120	---	440	---	---	<0.50	<0.50	<0.50	2.6	<0.50	1.1	<10	<1	<1	<1
PZ-2	04/19/18	110	---	680	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	<10	<1	<1	<1
PZ-2	11/09/18	<50	---	200	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5 J	<10	<1	<1	<1
PZ-2	04/19/19	<50	---	150	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
PZ-2	10/30/19	<50	---	410	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-2	05/11/20	<50	---	270	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1.0	<1.0	<1.0
PZ-2	11/06/20	<50	---	320	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1.0	<1.0	<1.0
PZ-2	05/05/21	<50	---	620	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1.0	<1.0	<1.0
PZ-2	11/03/21	53	---	1300	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	<10	<1.0	<1.0	<1.0
PZ-2	05/13/22	<100	---	300	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	1.6	<10	<1.0	<1.0	<1.0
PZ-3	04/22/04	---	56000	---	---	---	6300	<1500	4100	24000	---	<25000	---	---	---	---
PZ-3	04/22/09	---	---	---	---	2200	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
PZ-3	04/15/10	---	---	---	---	1600	2.2	<0.50	<0.50	<0.50	<0.50	0.74	<10	<2	<2	<2
PZ-3	10/08/10	---	---	---	---	430	0.6	---	---	---	<0.50	0.69	<10	---	---	---
PZ-3	04/14/11	---	---	---	---	2700	1.3	<0.50	<0.50	<0.50	<0.50	0.71	<10	<2	<2	<2
PZ-3	10/14/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
PZ-3	04/19/12	---	---	---	---	590	0.68	<0.50	<0.50	0.26 J	<0.50	0.52	6.6 J	<2	<2	<2
PZ-3	10/19/12	---	---	---	---	5000	280	<0.50	150	362	<0.50	<0.50	<10	<2	<2	<2
PZ-3	10/09/13	2100	---	10000 HD	---	---	53	0.25 J	44	95.3	<0.50	1.6	<10	<2	<2	<2
PZ-3	04/18/14	5300 HD	---	6900 HD	---	---	420	<0.50	7.4	1.86	<0.50	1.2	18	<2	<2	<2
PZ-3	11/03/14	1300	---	2700	---	---	52	<0.50	1.4	<1	<0.50	3.7	12	<2	<2	<2
PZ-3	04/22/15	3000	---	3600	---	---	59	<0.50	1.2	<1	<0.50	2.8	<10	<2	<2	<2
PZ-3	10/10/17	710	---	1500	---	---	28	<1	<1	<2	<1	<2	<20	<4	<4	<4
PZ-3	04/20/18	690	---	5300 J	---	---	94	<1	1.9	1	<1	11	<20	<4	<4	<4
PZ-3	11/12/18	690	---	4300	---	---	16	<0.50	0.5	<1	<0.50	2.3	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PZ-3	04/19/19	<100	---	330	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
PZ-3	10/31/19	210	---	520	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	3.1	<10	<2.0	<2.0	<2.0
PZ-3	05/08/20	<100	---	490	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-3	10/26/20	<100	---	470	---	---	<0.50	<0.50J	<0.50J	<1.0	<0.50	1.6	<10	<2.0	<2.0	<2.0
PZ-3	05/07/21	<100	---	2700	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-3	11/09/21	<100	---	1600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-3	05/19/22	910	---	11000	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-5	10/07/03	6900	<100	---	---	---	11	<10	<10	<10	<20	9100	---	---	---	---
PZ-5	05/05/05	<50	<100	---	---	---	0.87	<0.50	<0.50	<0.50	<0.50	43	---	---	---	---
PZ-5	11/02/05	1200	<100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	2100	---	---	---	---
PZ-5	02/28/06	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	380	---	---	---	---
PZ-5	05/04/06	1200	<100	---	---	---	<2	<2	<2	<2	<4	1900	---	---	---	---
PZ-5	09/19/06	480	<100	---	---	---	<1	<1	<1	<1	<2	1200	---	---	---	---
PZ-5	12/07/06	480	<100	---	---	---	<1.5	<1.5	<1.5	<1.5	<3	960	---	---	---	---
PZ-5	03/13/07	320	<100	---	---	---	<1	<1	<1	<1	<2	690	---	---	---	---
PZ-5	05/04/07	400	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	610	---	---	---	---
PZ-5	08/29/07	380	<100	---	---	---	<1	<1	<1	<1	<2	480	---	---	---	---
PZ-5	11/15/07	370	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	470	---	---	---	---
PZ-5	02/20/08	940	560	---	---	---	<1	<1	<1	<1	<2	750	---	---	---	---
PZ-5	04/15/08	750	330	---	---	---	<1	<1	<1	<1	<2	740	---	---	---	---
PZ-5	08/12/08	1500	370	---	---	---	<2	<2	<2	<2	<4	2000	---	---	---	---
PZ-5	10/16/08	<3000	210	---	---	---	22	<15	<15	<15	<30	1900	---	---	---	---
PZ-5	02/24/09	1000	440	---	---	---	61	<1	<1	<1	<2	1200	37000	---	---	---
PZ-5	02/24/09	1200	760	---	---	---	250	<2	5.7	<2	<4	1200	35000	<4	<4	<4
PZ-5	04/23/09	1200	760	---	---	---	250	<2	5.7	<2	<4	1200	35000	<4	<4	<4
PZ-5	07/22/09	3800	1800	---	---	---	2000	20	98	77	<5	800	54000	<5	<5	<5
PZ-5	10/23/09	2900	1300	---	---	---	1100	18	53	69	<10	500	50000	<10	<10	<10
PZ-5	03/16/10	1700	890	---	---	---	370	2.1	33	9.4	<4	350	58000	<4	<4	<4
PZ-5	04/16/10	1600	1100	---	---	---	110	<2.5	9.7	4.6	<5	340	91000	<5	<5	<5
PZ-5	05/27/10	3200000 J	1300	---	---	---	1100	<25	66	<25	<50	360	69000	<50	<50	<50
PZ-5	07/14/10	4600	1300	---	---	---	1900	<10	180	<10	<20	530	82000	<20	<20	<20
PZ-5	08/12/10	9100	1600	---	---	---	4400	<5	340	42	<10	490	64000	<10	<10	<10
PZ-5	09/20/10	8500	1800	---	---	---	4200	2.8	110	12	<4	370	43000	<4	<4	<4
PZ-5	10/07/10	6300	1000	---	---	---	3100	<20	56	<20	<40	150	40000	<40	<40	<40
PZ-5	11/16/10	3400	1600	---	---	---	1600	<10	10	15	<20	130	20000	<20	<20	<20
PZ-5	12/22/10	3400	1700	---	---	---	1600	<10	<10	<10	<20	100	22000	<20	<20	<20
PZ-5	01/12/11	<4000	1200	---	---	---	1500	<5	<5	<5	<10	130	38000	<10	<10	<10
PZ-5	02/24/11	1400	400	---	---	---	390	<2	<2	3.8	<4	84	27000	<4	<4	<4
PZ-5	03/23/11	1100	820	---	---	---	210	<1	<1	2.4	<2	140	29000	<2	<2	<2
PZ-5	04/13/11	830	520	---	---	---	59	<1	<1	<1	<2	120	28000	<2	<2	<2
PZ-5	05/13/11	2000	830	---	---	---	710	4.7	25	25.8	<5	140	34000	<5	<5	<5
PZ-5	06/22/11	4500	1100	---	---	---	960	9	30	80	<10	100	33000	<10	<10	<10
PZ-5	07/12/11	3300	1200	---	---	---	1500	16	50	77	<20	110	34000	<20	<20	<20
PZ-5	08/19/11	2600	1200	---	---	---	750	9	63	45	<10	150	47000	<10	<10	<10
PZ-5	09/22/11	4700	1400	---	---	---	1600	33	100	200	<20	200	64000	<20	<20	<20
PZ-5	10/14/11	4600	1500	---	---	---	1500	31	130	190	<10	170	58000	<10	<10	<10

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PZ-5	11/28/11	4600	1500	---	---	---	1700	18	150	140	<20	220	61000	<20	<20	<20
PZ-5	12/21/11	5900	2000	---	---	---	2200	57	160	390	<20	190	61000	<20	<20	<20
PZ-5	01/10/12	5400	1900	---	---	---	2000	44	140	330	<20	200	38000	<20	<20	<20
PZ-5	02/23/12	8400	1700	---	---	---	3300	86	280	760	<40	370	29000	<40	<40	<40
PZ-5	03/28/12	4100	---	270	---	---	1800	20	100	170	<20	150	29000	<20	<20	<20
PZ-5	04/19/12	2900	---	260	---	---	1300	<10	97	20	<20	140	58000	<20	<20	<20
PZ-5	05/25/12	7500	---	340	---	---	3700	42	210	250	<30	240	68000	<30	<30	<30
PZ-5	06/15/12	8400 J	---	440	---	---	4500	60	190	320	<100	500	75000	<100	<100	<100
PZ-5	07/10/12	7600	---	360	---	---	3400	31	150	200	<20	700	66000	<20	<20	<20
PZ-5	08/29/12	4500	---	900	---	---	2300	17	110	66	<20	1000	140000	<20	<20	<20
PZ-5	09/26/12	6200	---	390	---	---	2000	25	160	110	<20	1500	67000	<20	<20	<20
PZ-5	10/18/12	9900	---	520	---	---	3300	55	200	180	<80	5600	83000	<80	<80	<80
PZ-5	11/29/12	8300	---	420	---	---	3000	35	200	69	<40	3200	97000	<40	<40	<40
PZ-5	12/26/12	5200	---	480	---	---	2600	18	160	55	<5	3300	130000	<5	<5	<5
PZ-5	01/15/13	9400	---	1400	---	---	3900	41	200	100	<50	4800	100000	<50	<50	<50
PZ-5	02/20/13	12000	---	1400	---	---	5400	67	310	310	<100	8600	110000	<100	<100	<100
PZ-5	04/11/13	10000	---	2300	---	---	4100	37	300	140	<40	4800	83000	<40	<40	<40
PZ-5	10/11/13	49000	---	6200	---	---	11000	<100	590	250	<200	32000	210000	<200	<200	<200
PZ-5	04/16/14	250000	---	3700	---	---	70000	<200	5800	200	<400	150000	280000	<400	<400	<400
PZ-5	10/30/14	16000	---	6500	---	---	5600	<50	410	<50	<100	440	110000	<100	<100	<100
PZ-5	04/23/15	3100	---	2100	---	---	1100	<5	120	18	<10	150	64000	<10	<10	<10
PZ-5	10/26/15	1200	---	1100	---	---	<1	<1	<1	<1	<2	29	46000	<2	<2	<2
PZ-5	04/14/16	860	---	400	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	72000	<1	<1	<1
PZ-5	10/06/16	1200	---	970	---	---	<1	<1	<1	1.4	<2	7.2	110000	<2	2.7	<2
PZ-5	04/21/17	16000	---	840	---	---	5800	450	910	1900	<40	770	47000	<40	<40	44
PZ-5	10/05/17	910	---	270	---	---	1.7	<1	20	1.6	<2	23	30000	<2	<2	<2
PZ-5	04/19/18	550	---	420	---	---	<0.50	<0.50	<0.50	<0.50	<1	3.6	97000 *	<1	<1	<1
PZ-5	11/09/18	3100	---	470	---	---	<1.5	<1.5	<1.5	<1.5	<3	2.2	56000	<3	<3	<3
PZ-5	04/18/19	1700	---	520	---	---	66	<1	<1	3.3 J	<2	6.2	150000	<2	3.7	<2
PZ-5	10/31/19	1200	---	420	---	---	<0.50	<0.50	<0.50	<0.50	<1.0	3.4	47,000	<1.0	2.5	<1.0
PZ-5	05/07/20	700	---	650	---	---	2.4	<1.0	<1.0	<1.0	<2.0	4.0	100,000	<2.0	3.3	<2.0
PZ-5	11/06/20	700	---	330	---	---	<0.50	<0.50	<0.50	14	<1.0	190	25000	<1.0	<1.0	1
PZ-5	05/05/21	270	---	300	---	---	<0.50	0.53	<0.50	11	<1.0	270	9,000	<1.0	<1.0	<1.0
PZ-5	11/04/21	150	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	12,000	<1.0	<1.0	<1.0
PZ-5	05/12/22	220	---	320	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.4	17,000	<1.0	<1.0	<1.0
PZ-6	11/30/00	<300	<100	---	---	---	<0.50	0.5	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	05/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	07/08/03	---	---	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
PZ-6	04/27/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-6	07/08/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	---	---	---	---
PZ-7A	06/13/03	340	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	660	---	---	---	---
PZ-7A	09/24/03	160	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	390	---	---	---	---
PZ-7A	10/10/03	240	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	340	---	---	---	---
PZ-7A	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	---	---	---	---
PZ-7B	06/13/03	98	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.51	51	---	---	---	---
PZ-7B	09/24/03	61	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	67	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PZ-7B	10/10/03	90	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	---	---	---	---
PZ-7B	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8A	06/13/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	12	---	---	---	---
PZ-8A	09/24/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	---	---	---	---
PZ-8A	10/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	2.8	---	---	---	---
PZ-8A	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8A	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8B	06/13/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	31	---	---	---	---
PZ-8B	09/24/03	86	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	180	---	---	---	---
PZ-8B	10/10/03	310	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	440	---	---	---	---
PZ-8B	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-8B	12/06/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	06/13/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	09/24/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	10/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9A	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-9B	06/13/03	75	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	50	---	---	---	---
PZ-9B	09/24/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	7.9	---	---	---	---
PZ-9B	10/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	3.9	---	---	---	---
PZ-9B	08/02/05	---	---	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	---	---	---	---
PZ-10	08/01/03	6300	1800	---	---	---	710	130	150	890	<10	47	---	---	---	---
PZ-10	10/07/03	6200	1900	---	---	---	1000	21	230	600	<10	55	---	---	---	---
PZ-10	01/27/04	3100	1800	---	---	---	560	5.4	63	201	<5	28	---	---	---	---
PZ-10	04/22/04	11000	8300	---	---	---	2100	29	470	1490	<20	110	---	---	---	---
PZ-10	07/19/04	4800	2500	---	---	---	890	<5	210	278	<10	45	---	---	---	---
PZ-10	11/03/04	4600	2800	---	---	---	920	9.1	280	580	<10	50	---	---	---	---
PZ-10	02/03/05	1000	1200	---	---	---	250	1.4	34	108	<2	42	---	---	---	---
PZ-10	05/04/05	<50	350	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-10	08/01/05	<50	<100	---	---	---	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-10	11/02/05	<100	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
PZ-10	02/27/06	<200	1600	---	---	---	<1	<1	<1	<1	<2	6.1	---	---	---	---
PZ-10	05/09/06	<1000	1600	---	---	---	5.1	<5	<5	<5	<10	36	---	---	---	---
PZ-10	09/20/06	<200	640	---	---	---	<1	<1	<1	<1	<2	3.6	---	---	---	---
PZ-10	12/06/06	<500	2400	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	5.5	---	---	---	---
PZ-10	03/13/07	<500	1100	---	---	---	<2.5	<2.5	<2.5	<2.5	<5	<2.5	---	---	---	---
PZ-10	05/03/07	<1000	7100	---	---	---	6.1	<5	<5	<5	<10	<5	---	---	---	---
PZ-10	08/30/07	<200	1000	---	---	---	<1	<1	<1	<1	<2	<1	---	---	---	---
PZ-10	11/14/07	<50	360	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
PZ-10	02/21/08	<200	510	---	---	---	65	<1	3.1	9.4	<2	<1	---	---	---	---
PZ-10	04/16/08	950	670	---	---	---	360	5	20	85	<5	11	---	---	---	---
PZ-10	10/16/08	<200	1100	---	---	---	18	<1	<1	<1	<2	1.7	---	---	---	---
PZ-10	04/20/09	560	2600	---	---	---	26	<1	3.2	<1	<2	12	38	5.2	<2	<2
PZ-10	07/21/09	<200	1700	---	---	---	1.4	<1	<1	<1	<2	9.6	55	3.1	<2	<2
PZ-10	10/22/09	<200	1200	---	---	---	<1	<1	<1	<1	<2	4.4	30	<2	<2	<2
PZ-10	05/27/10	<100	940	---	---	---	0.92	<0.50	<0.50	<0.50	<1	1.4	<10	<1	<1	<1
PZ-10	10/07/10	<100	<830	---	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
PZ-10	04/13/11	<200	910	---	---	---	2.8	<1	<1	<1	<2	<1	<20	2.2	<2	<2
PZ-10	04/19/12	<200	---	570	---	---	4.9	<1	<1	<1	<2	<1	39	3.4	<2	<2
PZ-10	10/17/12	<500	---	970	---	---	32	<2.5	<2.5	<2.5	<5	<2.5	<50	6.4	<5	<5
PZ-10	10/26/15	340	---	1200	---	---	<1.5	<1.5	<1.5	6.2	<3	<1.5	140	<3	<3	<3
PZ-10	04/14/16	<200	---	240	---	---	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
RTF-18-N	04/24/17	25000	---	5200	---	---	1700	6.7	800	2500	<5	<10	<100	<20	<20	<20
RTF-18-NNW	04/24/17	30000	---	6900	---	---	5000	16	1500	5200	<5	<10	<100	<20	<20	<20
TF-8	09/18/03	---	<100	---	---	---	1.2	<0.50	0.77	2.74	<0.50	24	---	---	---	---
TF-8	02/21/04	---	---	---	520	---	3.2	<0.50	<0.50	1.4	---	46	---	---	---	---
TF-8	10/10/13	<100	---	490 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<2	<2	<2
TF-8	04/18/14	140 HD	---	450 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	<10	<2	<2	<2
TF-8	10/29/14	<100	---	1000	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-8	04/29/15	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-8	10/23/15	<100	---	830	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-8	04/12/16	<100	---	1000	---	---	0.52	<0.50	1.2	4.1	<0.50	1.7	<10	<2	<2	<2
TF-8	10/10/16	<100	---	770	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.2	<10	<2	<2	<2
TF-8	04/20/17	<100	---	100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	10/05/17	<100	---	640	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	04/19/18	<100	---	780	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	11/08/18	<100	---	190	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	04/17/19	<100	---	300 J	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-8	11/05/19	<100	---	330	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	05/11/20	<100	---	280	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	10/26/20	<100	---	250	---	---	<0.50	<0.50J	<0.50J	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	05/07/21	<100	---	270	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	11/08/21	<100	---	320	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	05/16/22	<100	---	480	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9	10/10/13	960 HD	---	2200 HD	---	---	2.1	0.27 J	0.8	0.3	<0.50	<0.50	32	<2	<2	<2
TF-9	04/18/14	3400 HD	---	2900 HD	---	---	3.6	0.27 J	3.1	8.1	<0.50	<0.50	25	<2	<2	<2
TF-9	10/31/14	1100	---	1300	---	---	6	<0.50	0.84	0.69	<0.50	<2	22	<2	<2	<2
TF-9R	10/05/17	1500	---	1500	---	---	36	<0.50	6.5	0.51	<0.50	<1	<10	<2	<2	<2
TF-9R	04/20/18	750	---	1700 J	---	---	34	<2.5	3.4	<5	<2.5	<5	<50	<10	<10	<10
TF-9R	11/12/18	1500	---	2400	---	---	26	<2	7.1	<4	<2	<4	<40	<8	<8	<8
TF-9R	04/19/19	<100	---	120	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-9R	10/31/19	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	05/07/20	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	10/20/20	<100	---	250	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10J	<2.0	<2.0	<2.0
TF-9R	05/07/21	<100	---	900	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	11/08/21	<100	---	1300	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	05/19/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-14	09/18/03	---	20000	---	---	---	210	<2.5	62	88.8	<2.5	<2.5	---	---	---	---
TF-14	02/21/04	---	---	---	12000	---	370	<1	130	125.9	---	1.2	---	---	---	---
TF-15	05/12/20	2000	---	1600	---	---	230	<5.0	51	21	<5.0	<12	<100	<20	<20	<20
TF-15	10/26/20	160	---	2300	---	---	59	<2.5J	<2.5J	<5.0	<2.5	<6.0	<50	<10	<10	<10
TF-15	05/12/21	1100	---	6600	---	---	37	<0.50	15	19	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-15	11/08/21	1200	---	18000	---	---	32	4.2	33	22.3	<0.50	<1.2	10	<2.0	<2.0	<2.0

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
TF-15	05/26/22	780	---	1900	---	---	12	<0.50	5.6	2.1	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	04/14/03	---	4450	---	---	---	23.8	5.03	15.3	16.8	---	9.51	---	---	---	---
TF-16	09/18/03	---	59000	---	---	---	280	8.3	24	211	<0.50	9.1	---	---	---	---
TF-16	10/11/03	---	7400	---	---	---	150	7	27	91	---	<25	---	---	---	---
TF-16	02/21/04	---	---	---	48000	---	120	2.4	23	89	---	5.6	---	---	---	---
TF-16	04/21/04	---	23000	---	---	---	200	30	40	320	---	4.6	---	---	---	---
TF-16	11/04/04	---	16000	---	---	---	180	4	20	320	---	<10	---	---	---	---
TF-16	05/06/05	---	27000	---	---	---	43	10	4.6	73	---	<25	---	---	---	---
TF-16	11/08/05	---	4200	---	---	---	25	0.86	3.4	20	---	8.5	---	---	---	---
TF-16	05/04/06	---	33000	---	---	---	52	0.89	10	49	---	<5	---	---	---	---
TF-16	12/08/06	---	3500	---	---	---	28	<0.50	1.5	3	---	<5	---	---	---	---
TF-16	05/04/07	---	13000	---	---	---	520	<2.5	5.4	10	---	<25	---	---	---	---
TF-16	11/15/07	---	5200	---	---	---	450	<0.50	<0.50	<1	---	9.3	---	---	---	---
TF-16	04/17/08	---	4300	---	---	---	570	1.3	3.2	4.1	---	<10	---	---	---	---
TF-16	10/16/08	---	---	---	---	3100	330	<2.5	<2.5	<2.5	<2.5	6.3	<50	<10	<10	<10
TF-16	04/24/09	---	---	---	---	2200	24	<0.50	<0.50	<0.50	<0.50	4.1	11	<2	<2	<2
TF-16	10/26/09	---	---	---	---	960	7.6	<0.50	0.34 J	<0.50	<0.50	3.9	11	<2	<2	0.35 J
TF-16	04/15/10	---	---	---	---	1000	10	<0.50	0.38 J	<0.50	---	3.5	8.2 J	<2	<2	0.42 J
TF-16	04/15/11	---	---	---	---	870	---	---	---	---	---	---	---	---	---	---
TF-16	04/22/11	---	---	---	---	---	40	<0.50	1.1	0.8	<0.50	3.4	11	<2	<2	0.39 J
TF-16	04/19/12	2100	---	---	---	2100	10	<0.50	0.83	0.67 J	<0.50	3.4	17	<2	<2	0.67 J
TF-16	04/11/13	1200 b	---	2500 b	---	---	180	<0.50	1.5	1.08 J	<0.50	4.8	6 J	<2	<2	<2
TF-16	10/08/13	860 HD	---	2300 HD	---	---	170	<0.50	1.1	0.58	<0.50	4.2	8.5 J	<2	<2	0.64 J
TF-16	04/17/14	6000 HD	---	7600 HD	---	---	740	3	31	110	<0.50	4.6	8.2 J	<2	<2	0.98 J
TF-16	05/12/20	3400	---	2000	---	---	100	<2.5	<2.5	<5.0	<2.5	<6.0	<50	<10	<10	<10
TF-16	10/26/20	170	---	2100	---	---	32	<1.0J	4.3 J	<2.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
TF-16	05/12/21	270	---	2600	---	---	7.8	<0.50	0.61	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	11/08/21	1300	---	2500	---	---	1.4	<0.50	2.1	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	05/26/22	790	---	500	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-17	10/09/13	18000 HD	---	32000 HD	---	---	33	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
TF-17	04/17/14	8900 HD	---	14000 HD	---	---	13	<2.5	<2.5	<2.5	<2.5	2.7	<50	<10	<10	<10
TF-17	11/03/14	2900	---	7100	---	---	68	2.3	46	230	<0.50	2.8	<10	<2	<2	<2
TF-17R	05/12/20	5800	---	11000	---	---	370	<50	590	1200	<50	<120	<1000	<200	<200	<200
TF-17R	11/23/20	5700	---	3700	---	---	46 J	<5.0J	190 J	490 J	<5.0J	<12J	<100J	<20J	<20J	<20J
TF-17R	05/10/21	8600	---	5600	---	---	67	<2.5	260	590	<2.5	<6.0	76	<10	<10	<10
TF-17R	11/09/21	1700	---	18000	---	---	6.4	<2.5	15	13	<2.5	<6.0	<50	<10	<10	<10
TF-17R	05/26/22	2100	---	5200	---	---	13	<2.5	100	13	<2.5	<6.0	<50	<10	<10	<10
TF-18	04/24/17	54000	---	7300	---	---	320	<5	340	530	<5	<10	<100	<20	<20	<20
TF-18	11/07/19	5600	---	9300	---	---	33	<5.0	88	34	<5.0	<1.2	<100	<20	<20	<20
TF-18	11/23/20	3800	---	16000 J	---	---	18	<2.5	4.3 J	3	<2.5	<6.0	700	<10	<10	<10
TF-18	05/12/21	27000	---	21000	---	---	13	<1.0	19	4.0	<1.0	<2.4	200	<4.0	<4.0	<4.0
TF-18	11/09/21	9400	---	68000	---	---	4.6	<0.50	0.51	<1.0	<0.50	<1.2	380	<2.0	<2.0	<2.0
TF-18	05/26/22	450	---	56000	---	---	<1.0	<1.0	<1.0	<2.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
TF-19	11/06/18	710	---	1500	---	---	<0.50	<0.50	0.54	1	<0.50	<1	<10	<2	<2	<2
TF-20R	10/10/17	1300	---	660	---	---	490	<5	<5	<10	<5	<10	<100	<20	<20	<20
TF-20R	04/24/18	900	---	540	---	---	290	<5	<5	<10	<5	<10	<100	<20	<20	<20

Appendix A. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
TF-20R	11/15/18	700	---	620	---	---	130	<5	<5	<10	<5	<10	<100	<20	<20	<20
TF-20R	04/22/19	540	---	440	---	---	74	<0.50	<0.50	1.1	<0.50	<1	<10	<2	<2	<2
TF-20R	11/06/19	810	---	640	---	---	29	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	05/11/20	410	---	600	---	---	25	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	10/28/20	170	---	430	---	---	<0.50J	<0.50J	<0.50J	<1.0J	<0.50J	<1.2J	<10J	<2.0J	<2.0J	<2.0J
TF-20R	05/10/21	<100	---	100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	11/04/21	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	05/10/22	<100	---	<100	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	04/10/03	---	476	---	---	---	267	1.63	8.13	9.83	---	<3	---	---	---	---
TF-21	09/18/03	---	1800	---	---	---	560	<5	5.6	<5	<5	<5	---	---	---	---
TF-21	10/08/03	---	2500	---	---	---	390	<0.60	4.2	<0.60	---	<10	---	---	---	---
TF-21	02/21/04	---	---	---	1500	---	820	<2.5	<2.5	<2.5	---	3.6	---	---	---	---
TF-21	04/21/04	---	2000	---	---	---	550	<1	1.6	<1	---	2.7	---	---	---	---
TF-21	11/04/04	---	860	---	---	---	10	<0.30	<0.30	1.2	---	<5	---	---	---	---
TF-21	05/05/05	---	3600	---	---	---	190	13	45	310	---	<100	---	---	---	---
TF-21	11/05/05	---	2200	---	---	---	140	0.61	3.7	39	---	6.1	---	---	---	---
TF-21	05/03/06	---	3200	---	---	---	140	4.3	3.9	10	---	5.1	---	---	---	---
TF-21	12/06/06	---	1100	---	---	---	44	<0.50	<0.50	5	---	<5	---	---	---	---
TF-21	05/04/07	---	3200	---	---	---	80	0.93	0.86	2.2	---	7.2	---	---	---	---
TF-21	11/16/07	---	790	---	---	---	170	<0.50	<0.50	<1	---	<5	---	---	---	---
TF-21	04/17/08	---	980	---	---	---	190	<0.50	4.4	2.4	---	<5	---	---	---	---
TF-21	10/15/08	---	---	---	---	810	37	<0.50	<0.50	<0.50	<0.50	1	23	<2	<2	<2
TF-21	04/24/09	---	---	---	---	350	40	<0.50	<0.50	<0.50	<0.50	<0.50	18	<2	<2	<2
TF-21	10/26/09	---	---	---	---	960	50	<0.50	0.46 J	<0.50	<0.50	0.74	19	<2	<2	<2
TF-21	04/16/10	---	---	---	---	1100	120	0.37 J	1.1	1.16	---	<0.50	15	<2	<2	<2
TF-21	04/15/11	---	---	---	---	2000	---	---	---	---	---	---	---	---	---	---
TF-21	04/22/11	---	---	---	---	---	160	<0.50	1.4	3.1	<0.50	0.71	20	<2	<2	<2
TF-21	04/20/12	1600	---	---	---	1900	280	0.27 J	1.7	0.88 J	<0.50	0.99	24	<2	<2	<2
TF-21	04/12/13	590 b	---	2700	---	---	130	<0.50	0.5	0.24 J	<0.50	4.1	13	<2	<2	<2
TF-21	10/08/13	810 HD	---	2200 HD	---	---	320	<0.50	0.59	0.24	<0.50	7.2	17	<2	<2	<2
TF-21	04/17/14	1100 HD	---	2000 HD	---	---	190	0.26 J	0.83	0.48	<0.50	16	20	<2	<2	<2
TF-21	10/30/14	1500	---	1700	---	---	120	<0.50	1.2	0.54	<0.50	2.2	<10	<2	<2	<2
TF-21	04/29/15	570	---	1700	---	---	16	<1	<1	<2	<1	<4	<20	<4	<4	<4
TF-21	10/11/16	1300	---	7800	---	---	8.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	04/21/17	420	---	1400	---	---	10	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	10/09/17	350	---	1700	---	---	4.3	<0.50	<0.50	<1	<0.50	<1	18	<2	<2	<2
TF-21	04/23/18	180	---	960	---	---	13	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	11/12/18	370	---	1400	---	---	5.8	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	04/22/19	150	---	710	---	---	1.5	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-21	10/30/19	110	---	310	---	---	2.1	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/08/20	<100	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	10/23/20	<100	---	110	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/05/21	<100	---	290	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	11/04/21	<100	---	160	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/12/22	<100	---	790	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-23	04/24/17	410	---	2900	---	---	2.2	0.62	0.9	2.4	<0.50	1.5	94	<2	<2	<2

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Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
TF-23	04/22/19	560	---	4600	---	---	<0.50	<0.50	<0.50	<1	<0.50	1	92	<2	<2	<2
TF-23	05/11/20	660	---	7400	---	---	73	<0.50	<0.50	<1.0	<0.50	17	270	<2.0	<2.0	<2.0
TF-23	10/26/20	550	---	1900	---	---	1.1	<0.50J	<0.50J	<1.0	<0.50	21	1300	<2.0	<2.0	<2.0
TF-23	05/12/21	670	---	23000	---	---	<2.5	<2.5	<2.5	<5.0	<2.5	20	810	<10	<10	<10
TF-23	11/09/21	1100	---	87000	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	9.2	540	<2.0	<2.0	<2.0
TF-23	05/26/22	160	---	780	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	10/10/13	<100	---	1500 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.4 J	<10	<2	<2	<2
TF-24	04/18/14	<100	---	730 HD	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
TF-24	10/29/14	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-24	04/29/15	<100	---	1900	---	---	<0.50	<0.50	<0.50	<1	<0.50	<2	<10	<2	<2	<2
TF-24	10/11/16	<100	---	1100	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/21/17	<100	---	1700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	10/05/17	<100	---	2500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/20/18	<100	---	2900 J	---	---	1.7	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	11/12/18	<100	---	2800	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	04/19/19	<100	---	2800	---	---	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<2
TF-24	11/06/19	<100	---	2600	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	05/11/20	<100	---	360	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	10/23/20	<100	---	4200	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	05/12/21	<100	---	750	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	11/05/21	<100	---	1400	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	05/19/22	<100	---	1200	---	---	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
WCW-1	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	0.6	<5	---	---	---	---
WCW-1	07/15/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-1	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-1	05/23/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-1	08/25/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/02/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
WCW-1	05/06/99	<500	---	<500	---	---	2.1	9.8	0.8	4.4	<1	<0.50	---	---	---	---
WCW-1	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-1	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/19/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	---	---	---	---
WCW-1	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	09/18/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-1	10/11/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	---	---	---	---
WCW-1	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	05/03/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-1	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-1	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-1	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<1.7	<5	---	---	---	---
WCW-2	07/08/97	<100	---	<500	---	---	<0.50	3.5	1.4	7.4	0.57	<5	---	---	---	---
WCW-2	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	1	<0.50	---	---	---	---
WCW-2	05/19/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-2	08/25/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/02/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<1	<1	<0.50	---	---	---	---
WCW-2	05/06/99	<500	---	<500	---	---	<0.50	0.8	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-2	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-2	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2	<0.50	---	---	---	---
WCW-2	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
WCW-2	11/30/00	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	09/18/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-2	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/11/03	<100	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	04/21/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	12/05/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-2	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/07/10	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-2	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-2	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/08/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/18/17	<50	---	230	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	05/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	11/25/96	120	---	<500	<500	---	<0.70	<0.50	<0.50	<1.5	190	<5	---	---	---	---
WCW-3	07/15/97	100	---	<500	---	---	<0.50	<0.50	<0.50	<1	190	<5	---	---	---	---
WCW-3	01/05/98	<500	---	200	<100	---	<0.50	<0.50	<0.50	<1	220	<0.50	---	---	---	---
WCW-3	05/23/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	201	<0.50	---	---	---	---
WCW-3	08/26/98	<300	304	---	---	---	<2.5	<2.5	<2.5	<2.5	200	<2.5	---	---	---	---
WCW-3	11/03/98	<300	228	---	---	---	<0.50	<0.50	<0.50	<0.50	190	<0.50	---	---	---	---
WCW-3	02/03/99	<1000	---	<500	---	---	<1	<1	<1	<2	200	<1	---	---	---	---
WCW-3	05/06/99	<500	---	<500	---	---	<0.50	1.3	<0.50	<0.50	<1	1.1	---	---	---	---
WCW-3	08/10/99	<500	---	<1000	---	---	<0.50	<1	<1	<1	130	1.8	---	---	---	---
WCW-3	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	3.3	---	---	---	---
WCW-3	02/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	<0.50	---	---	---	---
WCW-3	05/18/00	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	92	1	---	---	---	---
WCW-3	08/28/00	<300	200	---	---	---	<0.50	<0.50	<0.50	<0.50	90	0.7	---	---	---	---
WCW-3	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	68	<0.50	---	---	---	---
WCW-3	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	81	<0.50	---	---	---	---
WCW-3	05/09/01	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	63	<0.50	---	---	---	---
WCW-3	09/19/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	<0.50	---	---	---	---
WCW-3	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	51	<0.50	---	---	---	---
WCW-3	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	34	<0.50	---	---	---	---
WCW-3	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	29	<0.50	---	---	---	---
WCW-3	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	47	0.55	---	---	---	---
WCW-3	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	39	<1	---	---	---	---
WCW-3	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	44	<0.50	---	---	---	---
WCW-3	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	34	<0.50	---	---	---	---
WCW-3	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	<0.50	---	---	---	---
WCW-3	10/11/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	22	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-3	01/28/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	43	<0.50	---	---	---	---
WCW-3	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	<0.50	---	---	---	---
WCW-3	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	46	<0.50	---	---	---	---
WCW-3	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	<0.50	<10	<2	<2	<2
WCW-3	02/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	39	<0.50	---	---	---	---
WCW-3	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	31	<0.50	---	---	---	---
WCW-3	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	26	<0.50	---	---	---	---
WCW-3	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	19	<0.50	<10	<2	<2	<2
WCW-3	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	---	---	---	---
WCW-3	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	10	<0.50	---	---	---	---
WCW-3	09/20/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	<0.50	---	---	---	---
WCW-3	12/05/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6.6	<0.50	<10	<2	<2	<2
WCW-3	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	08/28/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-3	02/21/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-3	08/13/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.6	<0.50	---	---	---	---
WCW-3	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<2	<2	<2
WCW-3	02/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	---	---	---
WCW-3	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	07/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<10	<1	<1	<1
WCW-3	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	4	<0.50	<10	0.44 J	<2	<2
WCW-3	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.5	<0.50	<10	<1	<1	<1
WCW-3	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<10	<1	<1	<1
WCW-3	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	<10	<1	<1	<1
WCW-3	10/08/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<10	<1	<1	<1
WCW-3	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.3	<0.50	<10	<1	<1	<1
WCW-3	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	<10	<1	<1	<1
WCW-3	07/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	4.5	<0.50	<10	<1	<1	<1
WCW-3	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	<10	<1	<1	<1
WCW-3	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.3	<0.50	<10	<1	<1	<1
WCW-3	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	3.2	<0.50	<10	<1	<1	<1
WCW-3	07/09/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	<10	<1	<1	<1
WCW-3	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<10	<1	<1	<1
WCW-3	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1	<1	<1
WCW-3	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	<10	<1	<1	<1
WCW-3	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
WCW-3	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.88	<0.50	<10	<1	<1	<1
WCW-3	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.84	<0.50	<10	<1	<1	<1
WCW-3	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.74	<0.50	<10	<1	<1	<1
WCW-3	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-3	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	<10	<1	<1	<1
WCW-3	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	05/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	11/22/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-4	07/08/97	<100	---	<500	---	---	0.5	0.78	<0.50	<1	<0.50	<5	---	---	---	---
WCW-4	01/05/98	<500	---	<100	300	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-4	05/19/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-4	11/03/98	<300	475	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/06/99	<500	---	<500	---	---	2.1	7.7	0.62	3.4	<1	<0.50	---	---	---	---
WCW-4	11/17/99	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/18/00	<300	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/30/00	<300	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-4	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	10/11/03	<100	280	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	05/10/04	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/05/05	<100	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	12/05/06	<100	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/01/07	<50	250	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-4	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.72	<10	<2	<2	<2
WCW-4	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	---	---	---	---
WCW-4	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.65	<10	<2	<2	<2
WCW-4	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1	<1	<1
WCW-4	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	<10	<2	<2	<2
WCW-4	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/07/10	<100	---	---	---	130	<0.50	---	---	---	<0.50	0.89	<10	---	---	---
WCW-4	04/13/11	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	<10	<1	<1	<1
WCW-4	10/14/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<10	<2	<2	<2
WCW-4	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1	<1	<1
WCW-4	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<2	<2	<2
WCW-4	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-4	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/14/16	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/18/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	11/06/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	05/05/20	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	<10	<1.0	<1.0	<1.0
WCW-4	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<1.0	<1.0	<1.0
WCW-4	05/10/22	<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	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-5	07/08/97	<100	---	<500	---	---	<0.50	7.7	<0.50	1.4	<0.50	<5	---	---	---	---
WCW-5	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	0.7	<0.50	---	---	---	---
WCW-5	05/19/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-5	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/05/99	<500	---	<500	---	---	10	43	3.8	21	<1	<0.50	---	---	---	---
WCW-5	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-5	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/11/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/06/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	12/05/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-5	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/07/10	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-5	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-5	10/14/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/08/13	<50	---	130	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	11/06/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/31/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	11/22/96	230	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	220	24	---	---	---	---
WCW-6	07/15/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	65	10	---	---	---	---
WCW-6	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	159	3	---	---	---	---
WCW-6	05/26/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	83	2	---	---	---	---
WCW-6	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	46	1.8	---	---	---	---
WCW-6	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	53	0.68	---	---	---	---
WCW-6	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	11	<0.50	---	---	---	---
WCW-6	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	0.7	---	---	---	---
WCW-6	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
WCW-6	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	---	---	---	---
WCW-6	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	---	---	---	---
WCW-6	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	---	---	---	---
WCW-6	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-6	04/10/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	---	---	---	---
WCW-6	10/11/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.93	<0.50	---	---	---	---
WCW-6	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	---	---	---	---
WCW-6	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<2	<2	<2
WCW-6	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	12/05/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-6	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-6	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/07/10	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-6	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.69	<0.50	<10	<1	<1	<1
WCW-6	10/13/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	0.28 J	<0.50	<10	<2	<2	<2
WCW-6	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	11/06/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	0.54	<0.50	23	<1	<1	<1
WCW-6	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	05/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	1.8	0.64	<10	<1.0	<1.0	<1.0
WCW-6	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	11/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	2.3	<0.50	<10	<1.0	<1.0	<1.0
WCW-7	11/22/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	31	<5	---	---	---	---
WCW-7	07/15/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-7	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	30	<0.50	---	---	---	---
WCW-7	05/23/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	30	<0.50	---	---	---	---
WCW-7	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	35	<0.50	---	---	---	---
WCW-7	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	45	<0.50	---	---	---	---
WCW-7	11/18/99	<300	190	---	---	---	<0.50	<1	<0.50	0.6	62	1.3	---	---	---	---
WCW-7	05/16/00	<300	420	---	---	---	<0.50	<0.50	<0.50	<0.50	120	6.4	---	---	---	---
WCW-7	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	83	6	---	---	---	---
WCW-7	02/05/01	<300	230	---	---	---	<0.50	<0.50	<0.50	<0.50	95	6.1	---	---	---	---
WCW-7	05/10/01	<300	180	---	---	---	<0.50	<0.50	<0.50	<0.50	91	9.3	---	---	---	---
WCW-7	09/18/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	140	12	---	---	---	---
WCW-7	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	91	11	---	---	---	---
WCW-7	01/30/02	<300	110	---	---	---	<0.50	<0.50	<0.50	<0.50	84	8.8	---	---	---	---
WCW-7	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	66	8.4	---	---	---	---
WCW-7	07/30/02	<300	260	---	---	---	<0.50	<0.50	<0.50	<0.50	74	8.6	---	---	---	---
WCW-7	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	78	9.3	---	---	---	---
WCW-7	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	80	7.3	---	---	---	---

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 Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-7	04/10/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	6.8	---	---	---	---
WCW-7	07/30/03	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	69	7.6	---	---	---	---
WCW-7	10/11/03	<100	260	---	---	---	<0.50	<0.50	<0.50	<0.50	84	9.4	---	---	---	---
WCW-7	01/28/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	100	10	---	---	---	---
WCW-7	05/10/04	<100	170	---	---	---	<0.50	<0.50	<0.50	<0.50	73	6.7	---	---	---	---
WCW-7	07/20/04	140	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	110	9	---	---	---	---
WCW-7	11/03/04	<100	330	---	---	---	<0.50	<0.50	<0.50	<0.50	84	11	51	29	<2	<2
WCW-7	02/03/05	72	110	---	---	---	<0.50	<0.50	<0.50	<0.50	91	8.8	---	---	---	---
WCW-7	05/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	83	6.9	---	---	---	---
WCW-7	08/03/05	53	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	49	14	---	---	---	---
WCW-7	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	14	6.7	<10	2.2	<2	<2
WCW-7	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	2.5	0.84	---	---	---	---
WCW-7	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	6	2.5	---	---	---	---
WCW-7	09/20/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	33	7.2	---	---	---	---
WCW-7	12/05/06	<100	210	---	---	---	<0.50	<0.50	<0.50	<0.50	36	8	<10	4.8	<2	<2
WCW-7	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	32	5.4	---	---	---	---
WCW-7	05/02/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	49	6.4	---	---	---	---
WCW-7	08/28/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	56	7.1	---	---	---	---
WCW-7	11/14/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	50	6.5	<10	9.2	<2	<2
WCW-7	02/21/08	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	43	5.9	---	---	---	---
WCW-7	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	54	5.9	---	---	---	---
WCW-7	08/13/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	55	5.3	---	---	---	---
WCW-7	10/17/08	<100	---	---	---	100	<0.50	<0.50	<0.50	<0.50	45	5.4	<10	12	<2	<2
WCW-7	02/24/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	40	2.4	<10	---	---	---
WCW-7	04/22/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	40	2.8	<10	6.6	<1	<1
WCW-7	07/21/09	<50	120	---	---	---	<0.50	<0.50	<0.50	<0.50	31	1.9	<10	5.6	<1	<1
WCW-7	10/26/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	40	1.8	<10	3.7	<2	<2
WCW-7	03/15/10	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	30	1.8	<10	4	<1	<1
WCW-7	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	23	1.2	<10	3.3	<1	<1
WCW-7	07/13/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	20	1.6	<10	3.4	<1	<1
WCW-7	10/07/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	26	1.7	<10	3.9	<1	<1
WCW-7	01/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	25	1.4	<10	3.3	<1	<1
WCW-7	04/13/11	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	23	1.4	<10	3.9	<1	<1
WCW-7	07/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	21	1.2	<10	2.6	<1	<1
WCW-7	10/12/11	<500	120	---	---	---	<0.50	<0.50	<0.50	<0.50	21	1	<10	2.2	<1	<1
WCW-7	01/09/12	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	16	1.1	<10	2.1	<1	<1
WCW-7	04/18/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	18	0.98	<10	2.2	<1	<1
WCW-7	07/10/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	16	0.84	<10	2.1	<1	<1
WCW-7	10/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	9.2	0.56	<10	1.5	<1	<1
WCW-7	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	18	1.2	<10	1.8	<1	<1
WCW-7	04/10/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	19	0.61	<10	1.3	<1	<1
WCW-7	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	11	0.6	<10	1.4	<1	<1
WCW-7	04/17/14	61	---	64	---	---	<0.50	<0.50	<0.50	<0.50	7.4	0.73	<10	1.7	<1	<1
WCW-7	10/28/14	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.5	0.51	<10	1.2	<1	<1
WCW-7	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	5.6	<0.50	<10	1.1	<1	<1
WCW-7	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.2	0.74	<10	1.9	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-7	04/14/16	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	7.7	0.82	<10	2.2	<1	<1
WCW-7	10/05/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-7	10/06/17	<50	---	120 CL	---	---	1.2	<0.50	<0.50	<0.50	4.8	<0.50	<10	1.2	<1	<1
WCW-7	04/17/18	<50	---	86	---	---	<0.50	<0.50	<0.50	<0.50	5.2	<0.50	<10	<1	<1	<1
WCW-7	11/06/18	<50	---	110	---	---	<0.50	<0.50	<0.50	<0.50	5	<0.50	<10	1.1	<1	<1
WCW-7	04/17/19	<50	---	290	---	---	<0.50	<0.50	<0.50	<0.50	14	2.4	<10	5.6	<1	<1
WCW-7	10/31/19	<50	---	120	---	---	<0.50	<0.50	<0.50	<0.50	4.2	0.57	<10	1.3	<1.0	<1.0
WCW-7	05/07/20	<50	---	95	---	---	<0.50	<0.50	<0.50	<0.50	6.7	1.0	<10	1.9	<1.0	<1.0
WCW-7	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	6.4	1.6	<10	2.7	<1.0	<1.0
WCW-8	11/22/96	84	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	0.5	<5	---	---	---	---
WCW-8	07/15/97	<100	---	1700	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-8	01/05/98	<500	---	<100	1300	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-8	05/26/98	<300	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-8	11/03/98	<300	2590	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-8	11/18/99	<300	1100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/16/00	<300	1500	---	---	---	<0.50	<0.50	<0.50	<0.50	1.8	120	---	---	---	---
WCW-8	08/28/00	<300	1100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	---	---	---	---
WCW-8	11/30/00	<300	790	---	---	---	0.9	<0.50	<0.50	0.8	<0.50	<0.50	---	---	---	---
WCW-8	02/05/01	<300	940	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/09/01	<300	520	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	09/18/01	<300	380	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/08/01	<300	220	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	01/30/02	<300	530	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	04/11/02	<300	470	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	10/24/02	<300	360	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-8	04/10/03	61	270	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	10/11/03	<100	430	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	05/10/04	55	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/05/05	<50	100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/05/05	<100	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/05/06	<50	110	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	12/05/06	<100	450	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/02/07	<50	160	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-8	11/14/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	---	---	---	---
WCW-8	10/17/08	<100	---	---	---	230	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
WCW-8	04/21/09	<50	210	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1	<1	<1
WCW-8	10/26/09	<100	---	---	---	200	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
WCW-8	05/27/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/07/10	<100	---	---	---	200	<0.50	---	---	---	<0.50	0.9	3.7 J	---	---	---
WCW-8	04/13/11	<50	130	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	<10	<1	<1	<1
WCW-8	10/14/11	---	---	---	---	170	<0.50	<0.50	<0.50	<0.50	<0.50	0.92	<10	<2	<2	<2
WCW-8	04/19/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	0.89	<10	<1	<1	<1
WCW-8	10/18/12	---	---	---	---	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-8	04/11/13	<100	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
WCW-8	10/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/13/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	11/06/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/31/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	05/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-9	11/22/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-9	07/08/97	<100	---	<500	---	---	<0.50	1.1	<0.50	1.1	<0.50	<5	---	---	---	---
WCW-9	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-9	05/19/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-9	11/03/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-9	11/18/99	<300	<100	---	---	---	<0.50	<1	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/16/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	11/30/00	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-9	04/11/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-10	07/08/97	<100	---	<500	---	---	<0.50	2.2	<0.50	<1	<0.50	<5	---	---	---	---
WCW-10	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-10	05/19/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-10	11/04/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	05/05/99	<500	---	<500	---	---	<0.50	0.8	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-10	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	0.8	<0.50	<0.50	---	---	---	---
WCW-10	05/19/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/30/00	<300	<100	---	---	---	1	<0.50	<0.50	0.7	<0.50	<0.50	---	---	---	---
WCW-10	05/10/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-10	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-11	07/08/97	<100	---	<500	---	---	<0.50	2.5	<0.50	<1	<0.50	<5	---	---	---	---
WCW-11	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-11	05/18/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-11	11/03/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/06/99	<500	---	<500	---	---	<0.50	<0.50	<0.50	<0.50	<1	<0.50	---	---	---	---
WCW-11	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	11/30/00	<300	<100	---	---	---	0.8	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-11	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-12	07/09/97	<100	---	<500	---	---	<0.50	2.5	<0.50	<1	<0.50	<5	---	---	---	---
WCW-12	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-12	05/18/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-12	11/03/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/06/99	<500	---	<500	---	---	1.4	5.3	<0.50	2.3	<1	<0.50	---	---	---	---
WCW-12	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-12	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/03/04	<100	3600	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	03/02/05	<100	<100	---	---	---	<0.50	<1	<1	<1	---	<1	---	---	---	---
WCW-12	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	12/08/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-12	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/27/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/07/10	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-12	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/14/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/08/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-12	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	05/12/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/25/96	<50	---	<500	<500	---	<0.50	<0.50	<0.50	<1.5	<0.50	<5	---	---	---	---
WCW-13	07/09/97	<100	---	<500	---	---	<0.50	<0.50	<0.50	<1	<0.50	<5	---	---	---	---
WCW-13	01/05/98	<500	---	<100	<100	---	<0.50	<0.50	<0.50	<1	<0.50	<0.50	---	---	---	---
WCW-13	05/18/98	---	---	---	---	---	<0.50	<0.50	<0.50	<1	<0.50	1.4	---	---	---	---
WCW-13	11/03/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/06/99	<500	---	<500	---	---	0.88	3.1	<0.50	0.87	<1	<0.50	---	---	---	---
WCW-13	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	---	---	---	---
WCW-13	08/28/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/30/00	<300	<100	---	---	---	0.6	<0.50	<0.50	<0.50	1	<0.50	---	---	---	---
WCW-13	02/05/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	---	---	---	---
WCW-13	09/18/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1	<0.50	---	---	---	---
WCW-13	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	01/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/30/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-13	01/28/03	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/30/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	01/28/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	07/20/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/03/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/02/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/28/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-13	09/20/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	12/08/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	03/13/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/28/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/21/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	08/13/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/23/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-13	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/20/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/27/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	03/15/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	05/24/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/12/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/08/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/10/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/11/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/09/12	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/09/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/16/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/14/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/09/13	<50	---	<100	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/22/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/18/17	<50	---	450	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	11/07/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/05/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/04/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Appendix A. Historical Analytical Results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME in Groundwater – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-14	11/03/98	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	---	---	---	---
WCW-14	05/06/99	<500	---	<500	---	---	1.8	6.6	0.55	3	<1	<0.50	---	---	---	---
WCW-14	11/17/99	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/18/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/30/00	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/09/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/08/01	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	04/09/02	<300	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	10/24/02	<300	<100	---	---	---	<0.50	<1	<1	<1	<0.50	<1	---	---	---	---
WCW-14	04/09/03	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	05/10/04	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/03/04	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/05/05	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/05/05	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/05/06	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	12/08/06	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/01/07	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	11/13/07	<100	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/18/08	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
WCW-14	10/17/08	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/21/09	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/27/09	<100	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/25/10	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/07/10	<100	---	---	---	<100	<0.50	---	---	---	<0.50	<0.50	<10	---	---	---
WCW-14	04/12/11	<50	<100	---	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/14/11	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/17/12	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/18/12	---	---	---	---	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/09/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/08/13	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/15/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/28/14	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/23/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/21/15	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/12/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/04/16	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/19/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/03/17	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

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

Results reported in micrograms per liter (µg/L)																
Well	Date	TPH-g	TPH-fp	TPH-d	TPH-jp ₄	TPH-jp ₅	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
WCW-14	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	11/06/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	11/06/18	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/17/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	10/30/19	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/06/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/06/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	11/03/20	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/05/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	11/03/21	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/10/22	<50	---	<50	---	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

Notes:

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

TPH-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 B

Sitewide Well Construction Details



Appendix B. Sitewide Well Construction Details

SFPP Norwalk Pump Station, Norwalk, California

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet msl)
BW-1	5/16/96	GMX	55	5	31.9 - 51.4	0.01	73.17
BW-2	5/20/96	GMX	53.5	5	27 - 46.5	0.01	73.57
BW-3	5/17/96	GMX	55.5	5	30.6 - 50	0.01	74.16
BW-4	5/20/96	GMX	53.1	5	28.2 - 47	0.01	74.61
BW-5	5/23/96	GMX	52.5	5	27 - 45.5	0.01	73.59
BW-6	5/22/96	GMX	52.4	5	27.6 - 46.9	0.01	73.48
BW-7	5/22/96	GMX	52	5	27.1 - 46.3	0.01	74.65
BW-8	5/21/96	GMX	51.5	5	27 - 46.4	0.01	75.08
BW-9	5/21/96	GMX	52.5	5	26.9 - 46.4	0.01	76.19
EXP-1	3/6/92	WC ⁴	128.5	4	82 - 122	0.01	78.44
EXP-2	10/15/92	WC	149	4	90 - 120	0.02	79.43
EXP-3	10/20/92	WC	150	4	85 - 115	0.01	77.58
EXP-4	7/7/98	GMX	118	4	96.1 - 115.2	0.02	79.81
EXP-5	7/8/98	GMX	120	4	94.4 - 113.4	0.02	72.41
GMW-1	5/16/91	GTI ⁵	50	4	20 - 50	0.01	74.77
GMW-2	5/16/91	GTI	50	4	20 - 50	0.01	73.57
GMW-3	5/17/91	GTI	50	4	20 - 50	0.01	75.10
GMW-4	5/21/91	GTI	50	4	20 - 50	0.01	75.45
GMW-5	5/21/91	GTI	50	4	20 - 50	0.01	77.61
GMW-6	7/9/91	GTI	50	4	25 - 50	0.01	77.31
GMW-7	7/9/91	GTI	50	4	25 - 50	0.01	75.84
GMW-8	7/10/91	GTI	50	4	25 - 50	0.01	73.20
GMW-9	7/8/91	GTI	50	4	20 - 50	0.01	74.44
GMW-10	7/8/91	GTI	50	4	25 - 50	0.01	74.67
GMW-11	7/9/91	GTI	50	4	20 - 50	0.01	72.90
GMW-12	7/9/91	GTI	50	4	25 - 50	0.01	75.21
GMW-13	7/8/91	GTI	50	4	25 - 50	0.01	74.17
GMW-14	7/10/91	GTI	50	4	25 - 50	0.01	74.72
GMW-15	7/30/91	GTI	50	4	25 - 50	0.01	76.21
GMW-16	8/1/91	GTI	50	4	25 - 50	0.01	77.00
GMW-17	8/1/91	GTI	50	4	25 - 50	0.01	74.66
GMW-18	7/31/91	GTI	50	4	25 - 50	0.01	75.36
GMW-19	7/31/91	GTI	50	4	25 - 50	0.01	76.83
GMW-20	8/1/91	GTI	50	4	25 - 50	0.01	75.10
GMW-21	8/2/91	GTI	50	4	25 - 50	0.01	76.23
GMW-22	8/2/91	GTI	61	4	25 - 60	0.01	74.17
GMW-23	8/2/91	GTI	60	4	25 - 60	0.01	74.85
GMW-24	8/5/91	GTI	60	4	25 - 60	0.01	74.04
GMW-25	1/10/92	GTI	50	6	20 - 50	0.01	74.29
GMW-26	1/7/92	GTI	51.5	4	20 - 50	0.01	74.52
GMW-27	1/10/92	GTI	50	4	20 - 50	0.01	74.41
GMW-28	1/7/92	GTI	50	4	20 - 50	0.01	74.68
GMW-29	1/9/92	GTI	50	4	20 - 50	0.01	77.57
GMW-30	1/9/92	GTI	51.5	6	20 - 50	0.01	74.91
GMW-31	6/2/93	GTI	65	4	25 - 65	0.01	76.50
GMW-32	6/1/93	GTI	50	4	20 - 50	0.02	74.62
GMW-33	6/1/93	GTI	50	4	20 - 50	0.02	74.88
GMW-34	6/3/93	GTI	50	4	20 - 50	0.02	75.25
GMW-35	6/4/93	GTI	50	4	20 - 50	0.02	76.12
GMW-36	4/11/94	GTI	50	4	20 - 50	0.01	74.53
GMW-37	4/11/94	GTI	50	4	20 - 50	0.01	77.32
GMW-38	4/12/94	GTI	50	4	20 - 50	0.01	75.47
GMW-39	4/12/94	GTI	50	4	20 - 50	0.01	75.05
GMW-40	6/29/94	GTI	50.5	4	20 - 50	0.01	73.13
GMW-41	6/30/94	GTI	50.5	4	20 - 50	0.01	74.46
GMW-42	6/30/94	GTI	50.5	4	20 - 50	0.01	75.50
GMW-43	7/1/94	GTI	50.5	4	20 - 50	0.01	74.44
GMW-44	7/1/94	GTI	50.5	4	20 - 50	0.01	74.45

Appendix B. Sitewide Well Construction Details

SFPP Norwalk Pump Station, Norwalk, California

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet msl)
GMW-45	7/1/94	GTI	50.5	4	20 - 50	0.01	75.67
GMW-46	7/5/94	GTI	50.5	4	20 - 50	0.01	76.10
GMW-47	7/5/94	GTI	50.5	4	20 - 50	0.01	75.98
GMW-48	7/5/94	GTI	50.5	4	20 - 50	0.01	75.03
GMW-49	7/6/94	GTI	50.5	4	20 - 50	0.01	74.75
GMW-50	12/19/94	GTI	46.5	4	15 - 45	0.01	75.51
GMW-51	12/19/94	GTI	41.5	4	15 - 40	0.01	75.93
GMW-52	12/19/94	GTI	41.5	4	15 - 40	0.01	75.03
GMW-53	12/19/94	GTI	46.5	4	15 - 45	0.01	74.90
GMW-54	12/20/94	GTI	46.5	4	15 - 45	0.01	75.16
GMW-55	12/20/94	GTI	41.5	4	15 - 40	0.01	74.60
GMW-56	8/12/98	FDGTI ⁷	55	2	20 - 55	0.02	76.50
GMW-56	8/12/98	FDGTI	55	4	20 - 55	0.02	76.52
GMW-57	8/13/98	FDGTI	55	2	19 - 54	0.02	76.66
GMW-57	8/13/98	FDGTI	55	4	19 - 54	0.02	76.66
GMW-58	8/14/98	FDGTI	55	2	20 - 55	0.02	75.46
GMW-58	8/14/98	FDGTI	55	4	20 - 55	0.02	75.48
GMW-59	8/14/98	FDGTI	55	2	20 - 55	0.02	75.28
GMW-59	8/14/98	FDGTI	55	4	20 - 55	0.02	75.28
GMW-60	4/14/04	Parsons	50	4	25 - 40	0.01	76.24
GMW-61	4/14/04	Parsons	50	4	30 - 40	0.01	75.6
GMW-62	6/2/07	Parsons	40.5	4	20 - 40	0.02	76.34
GMW-63	9/29/08	Parsons	41	4	20 - 40	0.02	77.32
GMW-64	9/29/08	Parsons	41	4	19.5 - 39.5	0.02	75.84
GMW-65	7/6/2009	Parsons	41.5	4	21 - 41	0.02	76.78
GMW-66	9/8/2009	Parsons	40.5	4	20 - 40	0.02	77.00
GMW-O-1	3/4/92	GTI	51.5	4	19 - 49.5	0.01	71.45
GMW-O-2	3/2/92	GTI	51.5	4	20 - 50	0.01	72.54
GMW-O-3	3/2/92	GTI	51.5	4	20 - 50	0.01	72.19
GMW-O-4	3/3/92	GTI	51.5	4	20 - 50	0.01	71.95
GMW-O-4 (MID)	3/3/92	GTI	66.5	4	54.5 - 64.5	0.01	72.24
GMW-O-5	3/4/92	GTI	51.5	4	20 - 50	0.01	72.36
GMW-O-6	5/18/92	GTI	51.5	4	20 - 50	0.01	71.41
GMW-O-7	5/19/92	GTI	51.5	4	20 - 50	0.01	70.98
GMW-O-8	5/18/92	GTI	51	4	19.5 - 49.5	0.01	70.91
GMW-O-9	7/29/92	GTI	51.5	4	20 - 50	0.01	73.50
GMW-O-10	7/29/92	GTI	51.5	4	20 - 50	0.01	73.98
GMW-O-11	5/20/92	GTI	51.5	4	20 - 50	0.01	74.17
GMW-O-12	5/21/92	GTI	51.5	4	20 - 50	0.01	73.49
GMW-O-14	5/20/92	GTI	51.5	4	20 - 50	0.01	74.08
GMW-O-15	4/19/94	GTI	50	4	20 - 50	0.02	74.23
GMW-O-16	4/19/94	GTI	50	4	20 - 50	0.02	74.10
GMW-O-17	7/26/94	GMX	41	4	20.4 - 39.5	0.01	73.78
GMW-O-18	7/25/94	GMX	41	4	20.8 - 40.4	0.01	74.36
GMW-O-19	7/29/94	GMX	41.5	4	20.2 - 39.9	0.01	74.46
GMW-O-20	6/15/95	GMX	45.9	4	---	---	73.32
GMW-O-21	10/1/97	GMX	45.9	4	25.5 - 45.5	0.01	71.43
GMW-O-22	---	GMX	41	4	---	---	74.36
GMW-O-23	6/25/07	GMX	44	4	20 - 40	0.02	73.63
GMW-O-24	9/24/12	CH2M HILL	45	4	20 - 40	0.01	74.39
GMW-SF-7	7/27/94	GMX	41	4	20.1 - 39.9	0.01	75.26
GMW-SF-8	7/28/94	GMX	41	4	19.5 - 39.5	0.01	76.75
GMW-SF-9	4/1/03	GMX	47	4	36.6 - 46.2	0.02	73.00
GMW-SF-10	9/23/03	GMX	47	4	36.7 - 46.4	0.02	75.77
GW-1	6/12/95	GTI	63	1	25 - 60	0.02	75.46
GW-1	6/12/95	GTI	63	4	25 - 60	0.02	75.97
GW-2	6/12/95	GTI	63	1	25 - 60	0.02	76.39
GW-2	6/12/95	GTI	63	4	25 - 60	0.02	75.78

Appendix B. Sitewide Well Construction Details

SFPP Norwalk Pump Station, Norwalk, California

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet msl)
GW-3	6/13/95	GTI	63	1	25 - 60	0.02	76.56
GW-3	6/13/95	GTI	63	4	25 - 60	0.02	75.79
GW-4	6/13/95	GTI	63	1	24 - 59	0.02	74.77
GW-4	6/13/95	GTI	63	4	24 - 59	0.02	73.86
GW-5	6/15/95	GTI	63	1	25.5 - 60.5	0.02	77.09
GW-5	6/15/95	GTI	63	4	25.5 - 60.5	0.02	76.99
GW-6	6/15/95	GTI	63	1	25 - 60	0.02	77.41
GW-6	6/15/95	GTI	63	4	25 - 60	0.02	76.38
GW-7	6/16/95	GTI	63	1	25 - 60	0.02	76.76
GW-7	6/16/95	GTI	63	4	25 - 60	0.02	75.02
GW-8	6/14/95	GTI	63	1	24 - 59	0.02	76.88
GW-8	6/14/95	GTI	63	4	24 - 59	0.02	76.15
GW-13	4/26/07	Parsons	65	1	25 - 65	0.02	77.00
GW-13	4/26/07	Parsons	67	6	25 - 65	0.02	76.85
GW-14	4/26/07	Parsons	65	1	25 - 65	0.02	76.55
GW-14	4/26/07	Parsons	67	6	25 - 65	0.02	76.54
GW-15	4/26/07	Parsons	62.5	1	20.5 - 60.5	0.02	75.36
GW-15	4/24/07	Parsons	62.5	6	20.5 - 60.5	0.02	74.94
GW-16	7/7/2009	Parsons	61.3	1	21 - 61	0.02	76.55
GW-16	7/7/2009	Parsons	62.5	6	20.5 - 60.5	0.02	76.33
GWR-1	7/11/91	GTI	50	4	25 - 50	0.01	77.40
GWR-2	7/12/91	GTI	50	4	25 - 50	0.01	73.66
GWR-3	1/10/92	GTI	50	6	20 - 50	0.01	74.93
HL-1	10/14/86	HLA ⁹	39	4	18 - 38	0.01	75.83
HL-2	10/13/86	HLA	39	4	16.5 - 36.5	0.01	76.94
HL-3	10/15/86	HLA	44	4	19 - 39	0.01	76.86
HL-4	10/16/86	HLA	39	4	18 - 38.5	0.01	75.75
HL-5	10/16/86	HLA	39.5	4	18.5 - 39	0.01	76.13
MW-6	8/9/90	WC	50	4	18 - 48	0.01	77.20
MW-7	8/27/90	WC	50	4	19 - 48	0.01	78.13
MW-8	8/24/90	WC	51	4	18 - 48	0.01	76.06
MW-9	8/8/90	WC	50	4	18 - 48	0.01	77.11
MW-10	8/24/90	WC	51	4	18 - 48	0.01	79.12
MW-11	8/9/90	WC	50	4	18 - 48	0.01	78.17
MW-12	8/27/90	WC	50	4	18 - 48	0.01	75.76
MW-13	8/23/90	WC	50	4	18 - 48	0.01	78.25
MW-14	8/7/90	WC	50	4	18 - 48	0.01	78.60
MW-15	8/7/90	WC	50	4	18 - 48	0.01	76.99
MW-16	8/8/90	WC	50	4	18 - 48	0.01	76.87
MW-17	8/6/90	WC	50	4	18 - 48	0.01	77.86
MW-18 (MID)	6/10/91	WC	62.2	4	50 - 60	0.01	75.67
MW-19 (MID)	6/11/91	WC	62.2	4	49.5 - 59.5	0.01	78.14
MW-20 (MID)	6/12/91	WC	65.7	4	43 - 53	0.01	77.19
MW-21 (MID)	6/12/91	WC	62.4	4	47 - 57	0.01	77.55
MW-22 (MID)	6/13/91	WC	57.9	4	42 - 52	0.01	79.57
MW-23 (MID)	6/14/91	WC	57.1	4	42 - 52	0.01	79.59
MW-24	6/14/91	WC	47	4	14 - 44	0.01	78.51
MW-25	6/17/91	WC	47.2	4	22.5 - 42.5	0.01	79.15
MW-26	6/17/91	WC	47.3	4	23.5 - 43.5	0.01	77.40
MW-27	6/17/91	WC	52.3	4	18 - 48	0.01	78.46
MW-28	6/19/91	WC	51.5	4	16.5 - 46.5	0.01	78.53
MW-29	6/19/91	WC	52.4	4	17.5 - 47.5	0.01	79.13
MW-O-1	1/22/91	GMX	40	2	25 - 40	0.02	75.48
MW-O-2	1/23/91	GMX	40	2	25 - 40	0.02	71.90
MW-SF-1	6/18/90	GMX	40	4	25 - 40	0.02	78.93
MW-SF-2	6/19/90	GMX	40	4	25 - 40	0.02	78.53
MW-SF-3	6/18/90	GMX	40	4	25 - 40	0.02	78.12
MW-SF-4	6/19/90	GMX	40	4	25 - 40	0.02	79.38

Appendix B. Sitewide Well Construction Details

SFPP Norwalk Pump Station, Norwalk, California

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet msl)
MW-SF-5	9/19/90	GMX	40	4	23 - 38	0.02	79.74
MW-SF-6	9/19/90	GMX	40	4	24 - 39	0.02	76.80
MW-SF-9	6/15/95	GMX	40	4	25 - 40	---	74.1
MW-SF-10	9/23/2003	GMX	30.5	4	10.3 - 29.9	0.02	76.53
MW-SF-11	6/19/07	GMX	44	4	20 - 40	0.02	78.56
MW-SF-12	6/18/07	GMX	44	4	20 - 40	0.02	78.07
MW-SF-13	6/19/07	GMX	44	4	20 - 40	0.02	73.40
MW-SF-14	6/21/07	GMX	44	4	20 - 40	0.02	78.16
MW-SF-15	6/21/07	GMX	44	4	20 - 40	0.02	78.27
MW-SF-16	6/20/07	GMX	44	4	20 - 40	0.02	78.21
MW-O-3	10/25/91	GMX	41	6	20 - 39.5	0.01	74.53
MW-O-4	10/25/91	GMX	41	4	20 - 40	0.01	75.00
PO-7	5/1/89	GW ¹⁰	56	4	29 - 49	0.02	80.26
PW-1	1/6/92	GTI	51.5	4	20 - 50	0.01	75.52
PW-2	1/6/92	GTI	50	4	20 - 50	0.01	74.71
PW-3	1/6/92	GTI	50	4	20 - 50	0.01	73.71
PZ-1	7/12/91	GTI	50	2	25 - 50	0.01	73.74
PZ-2	7/12/91	GTI	50	2	25 - 50	0.01	73.96
PZ-3	6/3/93	GTI	65	2	25 - 65	0.02	76.17
PZ-4	6/2/93	GTI	60	2	25 - 60	0.02	76.13
PZ-5	9/26/00	GMX	40.3	4	20.6 - 39.4	0.01	73.97
PZ-6	9/26/00	GMX	37.5	4	22.8 - 37.8	0.01	73.91
PZ-7A	4/7/03	GMX	32	2	21.5 - 31.2	0.01	73.87
PZ-7B	4/7/03	GMX	47.5	2	42 - 46.7	0.01	73.79
PZ-8A	4/8/03	GMX	31.5	2	21.2 - 31	0.01	75.81
PZ-8B	4/8/03	GMX	47	2	41.4 - 46.2	0.01	75.69
PZ-9A	4/9/03	GMX	32	2	21.6 - 30.9	0.01	76.14
PZ-9B	4/9/03	GMX	47	2	41.5 - 46.2	0.01	76.26
PZ-10	4/10/03	GMX	38.5	2	23.2 - 37.9	0.02	74.34
TF-8	9/22/95	GTI	63	1.5	25 - 60	0.02	75.60
TF-8	9/22/95	GTI	63	4	25 - 60	0.02	74.86
TF-9	9/22/95	GTI	63	1.5	25 - 60	0.02	75.27
TF-9	9/22/95	GTI	63	4	25 - 60	0.02	74.47
TF-10	9/25/95	GTI	63	1.5	25 - 60	0.02	74.19
TF-10	9/25/95	GTI	63	4	25 - 60	0.02	73.61
TF-11	9/25/95	GTI	63	1.5	25 - 60	0.02	74.95
TF-11	9/25/95	GTI	63	4	25 - 60	0.02	74.40
TF-13	9/26/95	GTI	63	1.5	25 - 60	0.02	75.90
TF-13	9/26/95	GTI	63	4	25 - 60	0.02	75.47
TF-14	9/27/95	GTI	63	1.5	25 - 60	0.02	74.78
TF-14	9/27/95	GTI	63	4	25 - 60	0.02	74.35
TF-15	9/28/95	GTI	63	1.5	25 - 60	0.02	75.40
TF-15	9/28/95	GTI	63	4	25 - 60	0.02	74.78
TF-16	9/28/95	GTI	63	1.5	25 - 60	0.02	76.48
TF-16	9/28/95	GTI	63	4	25 - 60	0.02	75.89
TF-17	9/29/95	GTI	63	1.5	25 - 60	0.02	75.26
TF-17	9/29/95	GTI	63	4	25 - 60	0.02	74.88
TF-18	7/6/94	GTI	50.5	4	20 - 50	0.02	73.94
TF-19	10/3/95	GTI	63	1.5	25 - 60	0.02	75.61
TF-19	10/3/95	GTI	63	4	25 - 60	0.02	75.07
TF-20	10/3/95	GTI	63	1.5	25 - 60	0.02	75.59
TF-20	10/3/95	GTI	63	4	25 - 60	0.02	75.08
TF-21	9/29/95	GTI	63	1.5	25 - 60	0.02	75.60
TF-21	9/29/95	GTI	63	4	25 - 60	0.02	74.96
TF-22	10/2/95	GTI	63	1.5	25 - 60	0.02	74.95
TF-22	10/2/95	GTI	63	4	25 - 60	0.02	74.76
TF-23	7/5/94	GTI	50.5	4	20 - 50	0.02	75.31
TF-24	9/26/95	GTI	63	1.5	25 - 60	0.02	76.35

Appendix B. Sitewide Well Construction Details

SFPP Norwalk Pump Station, Norwalk, California

Well	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet msl)
TF-24	9/26/95	GTI	63	4	25 - 60	0.02	76.43
TF-25	4/4/01	GTI	47	1.5	41 - 46	0.02	75.81
TF-25	4/4/01	GTI	47	5	26 - 36	0.02	74.85
TF-26	4/3/01	GTI	47	1.5	41 - 46	0.02	76.15
TF-26	4/3/01	GTI	47	5	26 - 36	0.02	75.85
WCW-1	2/18/92	WC	52	4	20 - 50	0.01	72.86
WCW-2	2/21/92	WC	52	4	20 - 50	0.01	75.34
WCW-3	2/19/92	WC	56.5	4	19 - 49	0.01	76.16
WCW-4	2/20/92	WC	56.5	4	20 - 50	0.01	78.05
WCW-5	4/30/92	WC	52	4	19 - 49	0.01	73.49
WCW-6	4/20/92	WC	53.5	4	20 - 50	0.01	75.52
WCW-7	4/29/92	WC	53	4	20 - 50	0.01	76.44
WCW-8	4/21/92	WC	53.5	4	20 - 50	0.01	77.34
WCW-9	4/28/92	WC	53.5	4	20 - 50	0.01	77.74
WCW-10	9/11/92	WC	56.5	4	25 - 55	0.01	74.06
WCW-11	9/9/92	WC	61.5	4	30 - 60	0.01	75.29
WCW-12	9/8/92	WC	61.5	4	30 - 60	0.01	76.27
WCW-13	9/10/92	WC	61.5	4	30 - 60	0.01	77.70
WCW-14	8/12/98	FDGTI	59	4	24 - 59	0.01	78.81

Notes:

feet bgs = feet below ground surface

feet msl = feet above mean sea level

FDGTI = Fluor Daniel GTI

GMX = Geomatrix Consultants, Inc.

GTI = Groundwater Technology/Groundwater Technology Government Services

GW = Golden West

HLA = Harding Lawson Associates

WC = Woodward-Clyde

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

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

--- = information not available

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

Appendix C

Groundwater Statistical Analysis

Appendix C. Statistical Analysis Summary Data
SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
BW-1	Benzene	1	0	0.0%	0	0			0.3	0	ND (0.3)	Thursday, May 1, 1997						IS	IS
BW-1	Methyl tert-butyl ether (MTBE)	1	0	0.0%	5	5			5	5	ND (5)	Thursday, May 1, 1997						IS	IS
BW-1	TPH-d	1	0	0.0%	50	50			50	50	ND (50)	Thursday, May 1, 1997						IS	IS
BW-1	TPH-g	1	0	0.0%	100	100			100	100	ND (100)	Thursday, May 1, 1997						IS	IS
BW-2	Benzene	1	0	0.0%	0	0			0.3	0	ND (0.3)	Thursday, May 1, 1997						IS	IS
BW-2	Methyl tert-butyl ether (MTBE)	1	0	0.0%	5	5			5	5	ND (5)	Thursday, May 1, 1997						IS	IS
BW-2	TPH-d	1	0	0.0%	50	50			50	50	ND (50)	Thursday, May 1, 1997						IS	IS
BW-2	TPH-g	1	0	0.0%	100	100			100	100	ND (100)	Thursday, May 1, 1997						IS	IS
BW-3	Benzene	1	0	0.0%	0	0			0.3	0	ND (0.3)	Thursday, May 1, 1997						IS	IS
BW-3	Methyl tert-butyl ether (MTBE)	1	1	100.0%			74	74	74	74	74	Thursday, May 1, 1997	0.0%					IS	IS
BW-3	TPH-d	1	1	100.0%			300	300	300	300	300	Thursday, May 1, 1997	0.0%					IS	IS
BW-3	TPH-g	1	0	0.0%	100	100			100	100	ND (100)	Thursday, May 1, 1997						IS	IS
BW-4	Benzene	1	1	100.0%			160	160	160	160	160	Thursday, May 1, 1997	0.0%					IS	IS
BW-4	Methyl tert-butyl ether (MTBE)	1	1	100.0%			850	850	850	850	850	Thursday, May 1, 1997	0.0%					IS	IS
BW-4	TPH-d	1	1	100.0%			560	560	560	560	560	Thursday, May 1, 1997	0.0%					IS	IS
BW-4	TPH-g	1	1	100.0%			960	960	960	960	960	Thursday, May 1, 1997	0.0%					IS	IS
BW-5	Benzene	1	0	0.0%	0	0			0.3	0	ND (0.3)	Thursday, May 1, 1997						IS	IS
BW-5	Methyl tert-butyl ether (MTBE)	1	1	100.0%			1100	1100	1100	1100	1100	Thursday, May 1, 1997	0.0%					IS	IS
BW-5	TPH-d	1	1	100.0%			310	310	310	310	310	Thursday, May 1, 1997	0.0%					IS	IS
BW-5	TPH-g	1	1	100.0%			150	150	150	150	150	Thursday, May 1, 1997	0.0%					IS	IS
BW-6	Benzene	1	1	100.0%			4	4	3.5	4	3.5	Thursday, May 1, 1997	0.0%					IS	IS
BW-6	Methyl tert-butyl ether (MTBE)	1	0	0.0%	5	5			5	5	ND (5)	Thursday, May 1, 1997						IS	IS
BW-6	TPH-d	1	1	100.0%			690	690	690	690	690	Thursday, May 1, 1997	0.0%					IS	IS
BW-6	TPH-g	1	0	0.0%	100	100			100	100	ND (100)	Thursday, May 1, 1997						IS	IS
BW-7	Benzene	1	1	100.0%			1	1	0.99	1	0.99	Thursday, May 1, 1997	0.0%					IS	IS
BW-7	Methyl tert-butyl ether (MTBE)	1	1	100.0%			9	9	9.2	9	9.2	Thursday, May 1, 1997	0.0%					IS	IS
BW-7	TPH-d	1	1	100.0%			510	510	510	510	510	Thursday, May 1, 1997	0.0%					IS	IS
BW-7	TPH-g	1	1	100.0%			200	200	200	200	200	Thursday, May 1, 1997	0.0%					IS	IS
BW-8	Benzene	1	0	0.0%	0	0			0.3	0	ND (0.3)	Thursday, May 1, 1997						IS	IS
BW-8	Methyl tert-butyl ether (MTBE)	1	0	0.0%	5	5			5	5	ND (5)	Thursday, May 1, 1997						IS	IS
BW-8	TPH-d	1	1	100.0%			450	450	450	450	450	Thursday, May 1, 1997	0.0%					IS	IS
BW-8	TPH-g	1	0	0.0%	100	100			100	100	ND (100)	Thursday, May 1, 1997						IS	IS
BW-9	Benzene	1	0	0.0%	0	0			0.3	0	ND (0.3)	Thursday, May 1, 1997						IS	IS
BW-9	Methyl tert-butyl ether (MTBE)	1	0	0.0%	5	5			5	5	ND (5)	Thursday, May 1, 1997						IS	IS
BW-9	TPH-d	1	1	100.0%			230	230	230	230	230	Thursday, May 1, 1997	0.0%					IS	IS
BW-9	TPH-g	1	0	0.0%	100	100			100	100	ND (100)	Thursday, May 1, 1997						IS	IS
EXP-1	Benzene	111	6	5.4%	0	5	0	1	0.3292	1	ND (0.5)	Sunday, May 1, 2022	64.3%	0.4249	0.1399	0	-375	---	Decreasing
EXP-1	Methyl tert-butyl ether (MTBE)	104	5	4.8%	0	10	0	2	0.4904	1	ND (1.2)	Sunday, May 1, 2022	45.5%	0.5253	0.2576		215	>50% ND	No Trend
EXP-1	TPH-d	35	6	17.1%	10	1000	64	290	46.9394	100	ND (100)	Sunday, May 1, 2022	65.5%	1.653	77.592		47	>50% ND	No Trend
EXP-1	TPH-g	105	3	2.9%	50	500	82	200	54.9925	100	ND (100)	Sunday, May 1, 2022	50.0%	0.4373	24.0489	0	-213	---	Decreasing
EXP-2	Benzene	114	6	5.3%	0	5	1	2	0.5359	1	ND (0.5)	Sunday, May 1, 2022	68.8%	0.3006	0.1611		-99	>50% ND	No Trend
EXP-2	Methyl tert-butyl ether (MTBE)	108	7	6.5%	0	10	1	8	0.6133	1	1.9	Sunday, May 1, 2022	75.6%	1.1894	0.7295		134	>50% ND	No Trend
EXP-2	TPH-d	36	5	13.9%	10	1000	100	200	29.697	100	110	Sunday, May 1, 2022	45.0%	1.636	48.5851		55	>50% ND	No Trend
EXP-2	TPH-g	108	2	1.9%	50	500	120	160	52.3684	100	ND (100)	Sunday, May 1, 2022	37.5%	0.282	14.7674		-117	>50% ND	No Trend
EXP-3	Benzene	116	5	4.3%	0	5	0	9	0.4203	1	ND (0.5)	Sunday, May 1, 2022	94.4%	2.0766	0.8728	0	-311	---	Decreasing
EXP-3	Methyl tert-butyl ether (MTBE)	109	6	5.5%	0	10	1	1	0.5214	1	ND (1.2)	Sunday, May 1, 2022		0.1777	0.0927		163	>50% ND	No Trend
EXP-3	TPH-d	37	4	10.8%	10	1000	120	250	30	100	ND (100)	Sunday, May 1, 2022	60.0%	1.9046	57.1376		-22	>50% ND	No Trend
EXP-3	TPH-g	111	3	2.7%	50	500	87	120	52.7523	100	ND (100)	Sunday, May 1, 2022	16.7%	0.2246	11.8485	0	-219	---	Decreasing
EXP-4	Benzene	54	2	3.7%	0	0	1	50	1.4315	1	ND (0.5)	Sunday, May 1, 2022	99.0%	4.6611	6.6723	0	-97	---	Decreasing
EXP-4	Methyl tert-butyl ether (MTBE)	54	3	5.6%	0	1	1	4	0.5834	1	ND (0.5)	Sunday, May 1, 2022	88.1%	0.867	0.5058	0	-136	---	Decreasing
EXP-4	TPH-d	23	1	4.4%	50	1000	63	63	137.5217	50	ND (50)	Sunday, May 1, 2022	20.6%	1.6545	227.535		-8	>50% ND	No Trend
EXP-4	TPH-g	54	0	0.0%	50	500			162.963	50	ND (50)	Sunday, May 1, 2022		0.8864	144.4525		0	>50% ND	No Trend
EXP-5	Benzene	85	2	2.4%	0	0	8	21	0.8247	1	ND (0.5)	Sunday, May 1, 2022	97.6%	2.826	2.3306	0	-155	---	Decreasing
EXP-5	Methyl tert-butyl ether (MTBE)	85	3	3.5%	0	1	2	150	2.4047	1	ND (0.5)	Sunday, May 1, 2022	99.7%	6.7139	16.1448	0	-237	---	Decreasing

Appendix C. Statistical Analysis Summary Data
 SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
EXP-5	TPH-d	26	0	0.0%	50	1000			123.0769	50	ND (50)	Sunday, May 1, 2022		1.7586	216.4397		0	>50% ND	No Trend
EXP-5	TPH-g	85	0	0.0%	50	500			130.5882	50	ND (50)	Sunday, May 1, 2022		0.9993	130.4968		0	>50% ND	No Trend
GB-21	Benzene	1	0	0.0%	0	0			0.5	1	ND (0.5)	Saturday, January 1, 2011						IS	IS
GB-21	Methyl tert-butyl ether (MTBE)	1	0	0.0%	0	0			0.5	1	ND (0.5)	Saturday, January 1, 2011						IS	IS
GB-21	TPH-g	1	0	0.0%	50	50			50	50	ND (50)	Saturday, January 1, 2011						IS	IS
GB-22	Benzene	1	0	0.0%	0	0			0.5	1	ND (0.5)	Saturday, January 1, 2011						IS	IS
GB-22	Methyl tert-butyl ether (MTBE)	1	0	0.0%	0	0			0.5	1	ND (0.5)	Saturday, January 1, 2011						IS	IS
GB-22	TPH-g	1	0	0.0%	50	50			50	50	ND (50)	Saturday, January 1, 2011						IS	IS
GB-23	Benzene	1	0	0.0%	0	0			0.5	1	ND (0.5)	Saturday, January 1, 2011						IS	IS
GB-23	Methyl tert-butyl ether (MTBE)	1	0	0.0%	0	0			0.5	1	ND (0.5)	Saturday, January 1, 2011						IS	IS
GB-23	TPH-g	1	0	0.0%	100	100			100	100	ND (100)	Saturday, January 1, 2011						IS	IS
GMW-1	Benzene	67	42	62.7%	0	5	0	13000	1366.1581	14	ND (0.5)	Sunday, May 1, 2022	100.0%	1.9186	2621.0857	-54.334	-1145	---	Decreasing
GMW-1	Methyl tert-butyl ether (MTBE)	62	26	41.9%	0	500	1	101	8.2587	3	ND (0.5)	Sunday, May 1, 2022	99.5%	2.147	17.7314		-134	>50% ND	No Trend
GMW-1	TPH-d	23	18	78.3%	50	1000	60	6900	946.1089	180	ND (50)	Sunday, May 1, 2022	99.3%	1.8258	1727.4502	-51.734	-79	---	Decreasing
GMW-1	TPH-g	65	42	64.6%	50	1000	55	68000	4680.7697	500	ND (50)	Sunday, May 1, 2022	99.9%	2.4043	11254.149	-139.5717	-890	---	Decreasing
GMW-10	Benzene	16	10	62.5%	0	2	4	1300	344.7937	170	3.7	Monday, August 1, 2022	99.7%	1.2562	433.1131	-24.5661	-41	---	Decreasing
GMW-10	Methyl tert-butyl ether (MTBE)	15	1	6.7%	1	10	1	1	3.6387	3	ND (2.5)	Monday, August 1, 2022		0.9499	3.4562		8	>50% ND	No Trend
GMW-10	TPH-d	12	12	100.0%			2700	100000	21108.333	9300	9100	Monday, August 1, 2022	90.9%	1.3336	28149.163		-20	Not Stable	No Trend
GMW-10	TPH-g	16	11	68.8%	200	500	240	27000	5303.5938	2550	ND (500)	Monday, August 1, 2022	98.1%	1.3555	7189.0997	-290.3992	-40	---	Decreasing
GMW-11	Benzene	21	2	9.5%	0	5	1	1	0.345	1	ND (0.5)	Friday, April 1, 2016	37.5%	0.3802	0.1312		-15	>50% ND	No Trend
GMW-11	Methyl tert-butyl ether (MTBE)	16	1	6.3%	0	10	24	24	3.75	1	ND (1)	Friday, April 1, 2016	95.8%	1.6221	6.0828		-1	>50% ND	No Trend
GMW-11	TPH-d	6	4	66.7%	100	1000	480	220000	37545	1450	480	Friday, April 1, 2016	99.8%	2.1734	81601.122		4	Not Stable	No Trend
GMW-11	TPH-g	17	9	52.9%	100	1000	31	42400	3459.8676	300	ND (100)	Friday, April 1, 2016	99.8%	2.8539	9874.0765		2	Not Stable	No Trend
GMW-12	Benzene	59	2	3.4%	0	5	1	4	0.3799	1	ND (0.5)	Sunday, May 1, 2022	88.9%	1.4439	0.5485		17	>50% ND	No Trend
GMW-12	Methyl tert-butyl ether (MTBE)	54	1	1.9%	0	10	0	0	0.9887	1	ND (1.2)	Sunday, May 1, 2022		1.4424	1.4261		5	>50% ND	No Trend
GMW-12	TPH-d	23	20	87.0%	100	1000	120	8600	1023.059	780	120	Sunday, May 1, 2022	98.6%	1.6244	1661.9005		-21	Not Stable	No Trend
GMW-12	TPH-g	47	4	8.5%	50	1000	99	160	79.2571	100	ND (100)	Sunday, May 1, 2022	37.5%	0.3635	28.813	0	-160	---	Decreasing
GMW-13	Benzene	61	3	4.9%	0	1	2	3	0.3951	1	ND (0.5)	Sunday, May 1, 2022	84.4%	1.1277	0.4455	0	-133	---	Decreasing
GMW-13	Methyl tert-butyl ether (MTBE)	57	3	5.3%	0	10	3	10	0.7512	1	ND (0.5)	Sunday, May 1, 2022	94.7%	1.683	1.2643		-45	>50% ND	No Trend
GMW-13	TPH-d	25	5	20.0%	50	1000	51	5600	275.5657	50	65	Sunday, May 1, 2022	98.8%	3.9442	1086.8867		38	>50% ND	No Trend
GMW-13	TPH-g	55	1	1.8%	10	1000	1300	1300	141.0909	50	ND (50)	Sunday, May 1, 2022	96.2%	1.6089	227.0069		-48	>50% ND	No Trend
GMW-14	Benzene	36	5	13.9%	0	2	1	160	5.1308	1	ND (0.5)	Wednesday, October 1, 2014	99.7%	5.1035	26.1854		-75	>50% ND	No Trend
GMW-14	Methyl tert-butyl ether (MTBE)	32	5	15.6%	0	2	1	13	1.0734	1	0.83	Wednesday, October 1, 2014	93.6%	2.0927	2.2463		67	>50% ND	No Trend
GMW-14	TPH-d	8	4	50.0%	50	1000	110	150	100	120	ND (50)	Wednesday, October 1, 2014	66.7%	0.3786	37.8594		-3	Stable	No Trend
GMW-14	TPH-g	35	11	31.4%	50	1000	58	1500	144.1538	100	ND (100)	Wednesday, October 1, 2014	93.3%	1.7772	256.186		47	>50% ND	No Trend
GMW-14R	Benzene	12	0	0.0%	0	0			0.5	1	ND (0.5)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend
GMW-14R	Methyl tert-butyl ether (MTBE)	12	2	16.7%	0	1	1	1	0.54	1	ND (0.5)	Sunday, May 1, 2022	34.2%	0.1603	0.0866		-17	>50% ND	No Trend
GMW-14R	TPH-d	12	1	8.3%	50	100	71	71	55.9167	50	ND (50)	Sunday, May 1, 2022	29.6%	0.2707	15.1385		-9	>50% ND	No Trend
GMW-14R	TPH-g	12	0	0.0%	50	100			54.1667	50	ND (50)	Sunday, May 1, 2022		0.2665	14.4338		0	>50% ND	No Trend
GMW-15	Benzene	53	12	22.6%	0	1	1	790	47.0669	1	ND (0.5)	Sunday, May 1, 2022	99.9%	3.5577	167.4516	0	-384	---	Decreasing
GMW-15	Methyl tert-butyl ether (MTBE)	44	5	11.4%	0	5	1	12	1.1199	2	ND (1.2)	Sunday, May 1, 2022	90.0%	1.7959	2.0113		-9	>50% ND	No Trend
GMW-15	TPH-d	21	19	90.5%	100	1000	170	6200	1992.0635	1800	370	Sunday, May 1, 2022	94.0%	0.8157	1624.8723		-47	Stable	No Trend
GMW-15	TPH-g	31	10	32.3%	100	1000	180	1900	299.0866	100	ND (100)	Sunday, May 1, 2022	94.7%	1.3408	401.0172	0	-155	---	Decreasing
GMW-16	Benzene	54	8	14.8%	0	1	1	80	4.7953	1	ND (0.5)	Sunday, May 1, 2022	99.4%	3.3895	16.254	0	-364	---	Decreasing
GMW-16	Methyl tert-butyl ether (MTBE)	42	1	2.4%	0	5	9	9	2.6024	1	ND (1.2)	Sunday, May 1, 2022	86.8%	0.8634	2.247		-33	>50% ND	No Trend
GMW-16	TPH-d	21	15	71.4%	100	1000	110	660	209.8056	190	170	Sunday, May 1, 2022	74.2%	0.6311	132.3997		44	Stable	No Trend
GMW-16	TPH-g	30	0	0.0%	38	1000			206.2667	100	ND (100)	Sunday, May 1, 2022		0.917	189.1511		0	>50% ND	No Trend
GMW-17	Benzene	25	25	100.0%			0	572	81.4304	27	11	Wednesday, October 1, 2014	98.1%	1.8658	151.9296		-65	Not Stable	No Trend
GMW-17	Methyl tert-butyl ether (MTBE)	25	6	24.0%	0	500	0	63	4.7394	5	ND (2)	Wednesday, October 1, 2014	96.8%	2.7689	13.1231		-13	>50% ND	No Trend
GMW-17	TPH-d	4	4	100.0%			2300	6700	4925	5350	2300	Wednesday, October 1, 2014	65.7%	0.4234	2085.4656		-4	Stable	No Trend
GMW-17	TPH-g	12	11	91.7%	100	100	470	49000	5326.6667	875	510	Wednesday, October 1, 2014	99.0%	2.4924	13275.942		-21	Not Stable	No Trend
GMW-17R	Benzene	9	5	55.6%	0	0	1	64	19.7778	1	ND (0.5)	Sunday, May 1, 2022	99.2%	1.3761	27.2155	-14.3537	-22	---	Decreasing
GMW-17R	Methyl tert-butyl ether (MTBE)	9	3	33.3%	1	1	2	4	1.7778	1	ND (1.2)	Sunday, May 1, 2022	67.6%	0.4924	0.8753	-0.2899	-17	---	Decreasing
GMW-17R	TPH-d	9	4	44.4%	100	100	140	1600	560	100	ND (100)	Sunday, May 1, 2022	93.8%	1.1614	650.4016		-13	>50% ND	No Trend

Appendix C. Statistical Analysis Summary Data
SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
GMW-17R	TPH-g	9	3	33.3%	100	100	550	1300	343.3333	100	ND (100)	Sunday, May 1, 2022	92.3%	1.1492	394.5743	-72.7396	-17	---	Decreasing
GMW-18	Benzene	25	20	80.0%	0	0	2	3410	547.328	160	ND (0.5)	Sunday, May 1, 2022	100.0%	1.7104	936.1398	-45.9455	-213	---	Decreasing
GMW-18	Methyl tert-butyl ether (MTBE)	25	10	40.0%	1	1000	3	11	4.1	7	ND (1.2)	Sunday, May 1, 2022	89.1%	0.7291	2.9894		-27	>50% ND	No Trend
GMW-18	TPH-d	9	8	88.9%	100	100	220	300000	59353.333	430	430	Sunday, May 1, 2022	99.9%	1.8728	111155.09		-8	Not Stable	No Trend
GMW-18	TPH-g	12	6	50.0%	100	100	120	37000	3875	110	ND (100)	Sunday, May 1, 2022	99.7%	2.5965	10061.525		-17	Not Stable	No Trend
GMW-19	Benzene	57	29	50.9%	0	5	0	1300	62.4669	1	6.4	Sunday, May 1, 2022	99.5%	3.8648	241.4241	0	254	---	Increasing
GMW-19	Methyl tert-butyl ether (MTBE)	42	20	47.6%	0	10	1	58	5.1924	5	1.2	Sunday, May 1, 2022	97.9%	1.9987	10.3783	0.0104	234	---	Increasing
GMW-19	TPH-d	22	13	59.1%	50	1000	130	1200	241.4141	180	190	Sunday, May 1, 2022	84.2%	1.2129	292.8129	4.3991	76	---	Increasing
GMW-19	TPH-g	32	5	15.6%	50	1000	160	3000	176.5772	130	ND (100)	Sunday, May 1, 2022	96.7%	2.916	514.9037		35	>50% ND	No Trend
GMW-2	Benzene	26	14	53.9%	0	0	1	6500	290.4877	1	ND (0.5)	Saturday, May 1, 2010	100.0%	4.2873	1245.4219	-1.7224	-161	---	Decreasing
GMW-2	Methyl tert-butyl ether (MTBE)	22	16	72.7%	0	5	4	4800	372.2494	47	ND (0.5)	Saturday, May 1, 2010	100.0%	2.7207	1012.7858	-9.3549	-81	---	Decreasing
GMW-2	TPH-d	5	0	0.0%	100	1000			520	500	ND (500)	Saturday, May 1, 1999		0.6142	319.3744		0	>50% ND	No Trend
GMW-2	TPH-g	22	4	18.2%	50	1000	91	380	97.9667	300	ND (50)	Saturday, May 1, 2010	86.8%	0.9726	95.2803		-16	>50% ND	No Trend
GMW-20	Benzene	24	2	8.3%	0	5	1	1	0.3579	1	ND (0.5)	Saturday, April 1, 2017	58.3%	0.5569	0.1993		-39	>50% ND	No Trend
GMW-20	Methyl tert-butyl ether (MTBE)	16	1	6.3%	0	10	0	0	1.625	1	ND (1)	Saturday, April 1, 2017		1.5507	2.5199		1	>50% ND	No Trend
GMW-20	TPH-d	9	2	22.2%	100	1000	1100	1400	355.5556	100	ND (100)	Saturday, April 1, 2017	92.9%	1.3593	483.3014		-3	>50% ND	No Trend
GMW-20	TPH-g	18	3	16.7%	100	1000	160	1100	183.2593	300	ND (100)	Saturday, April 1, 2017	90.9%	1.2776	234.1346		-32	>50% ND	No Trend
GMW-21	Benzene	19	7	36.8%	0	0	1	1500	238.3211	1	ND (0.5)	Sunday, May 1, 2022	100.0%	2.0788	495.4256	-0.3793	-87	---	Decreasing
GMW-21	Methyl tert-butyl ether (MTBE)	14	5	35.7%	1	1	2	4	1.55	1	ND (1.2)	Sunday, May 1, 2022	68.4%	0.5912	0.9163	-0.244	-48	---	Decreasing
GMW-21	TPH-d	16	12	75.0%	100	1000	470	4600	1969.25	2350	ND (100)	Sunday, May 1, 2022	97.8%	0.7703	1516.8601		5	Stable	No Trend
GMW-21	TPH-g	16	5	31.3%	100	1000	130	1500	212.9464	100	ND (100)	Sunday, May 1, 2022	93.3%	1.5803	336.5095	0	-41	---	Decreasing
GMW-22	Benzene	4	4	100.0%			1900	20000	12725	14500	16000	Monday, October 1, 2012	20.0%	0.6103	7765.4684		4	Stable	No Trend
GMW-22	Methyl tert-butyl ether (MTBE)	4	4	100.0%			47	180	124.25	135	180	Monday, October 1, 2012	0.0%	0.4495	55.8473	62.7245	6	---	Increasing
GMW-22	TPH-d	2	2	100.0%			1300	1300	1300	1300	1300	Monday, October 1, 2012	0.0%	0	0			IS	IS
GMW-22	TPH-g	4	4	100.0%			4100	46000	27525	30000	32000	Monday, October 1, 2012	30.4%	0.6329	17419.41		4	Stable	No Trend
GMW-23	Benzene	11	7	63.6%	0	1	0	11000	1203.6909	3	130	Sunday, August 1, 2021	98.8%	2.621	3154.929		-17	Not Stable	No Trend
GMW-23	Methyl tert-butyl ether (MTBE)	11	4	36.4%	0	50	1	2	0.8006	1	ND (10)	Sunday, August 1, 2021		0.6731	0.5389		0	>50% ND	No Trend
GMW-23	TPH-d	10	10	100.0%			730	240000	44062	20000	790	Sunday, August 1, 2021	99.7%	1.6195	71358.85		-9	Not Stable	No Trend
GMW-23	TPH-g	10	10	100.0%			59	37000	9430.9	385	19000	Sunday, August 1, 2021	48.6%	1.5833	14931.65		-4	Not Stable	No Trend
GMW-24	Benzene	2	2	100.0%			19000	23000	21000	21000	23000	Saturday, October 1, 2011	0.0%	0.1347	2828.4271			IS	IS
GMW-24	Methyl tert-butyl ether (MTBE)	2	2	100.0%			490	530	510	510	490	Saturday, October 1, 2011	7.5%	0.0555	28.2843			IS	IS
GMW-24	TPH-g	2	2	100.0%			58000	70000	64000	64000	58000	Saturday, October 1, 2011	17.1%	0.1326	8485.2814			IS	IS
GMW-25	Benzene	18	5	27.8%	0	2	0	9700	1334.8478	1	ND (0.5)	Sunday, May 1, 2022	100.0%	2.2073	2946.3644	0	-63	---	Decreasing
GMW-25	Methyl tert-butyl ether (MTBE)	17	11	64.7%	0	100	0	92	8.6583	1	1.1	Sunday, May 1, 2022	98.8%	2.673	23.1439		-34	Not Stable	No Trend
GMW-25	TPH-d	14	14	100.0%			420	14000	3703.5714	2850	970	Sunday, May 1, 2022	93.1%	1.0883	4030.5174		-7	Not Stable	No Trend
GMW-25	TPH-g	18	12	66.7%	50	20000	56	15000	1935.0245	94	ND (50)	Sunday, May 1, 2022	99.7%	2.2406	4335.659	-41.6918	-56	---	Decreasing
GMW-26	Benzene	40	11	27.5%	0	1	0	3700	117.487	1	ND (0.5)	Sunday, May 1, 2022	100.0%	4.9425	580.6774	0	-176	---	Decreasing
GMW-26	Methyl tert-butyl ether (MTBE)	36	24	66.7%	0	0	0	8500	650.8694	9	ND (0.5)	Sunday, May 1, 2022	100.0%	2.6898	1750.7027	-5.1304	-415	---	Decreasing
GMW-26	TPH-d	22	2	9.1%	50	500	76	77	53.1176	50	ND (50)	Sunday, May 1, 2022	35.1%	0.1608	8.5398		-9	>50% ND	No Trend
GMW-26	TPH-g	35	14	40.0%	50	300	51	6700	479.9971	50	ND (50)	Sunday, May 1, 2022	99.3%	2.5092	1204.4113	-2.1075	-251	---	Decreasing
GMW-27	Benzene	40	30	75.0%	0	0	2	8800	1860.35	1020	ND (0.5)	Wednesday, October 1, 2014	100.0%	1.2505	2326.4535	-73.2215	-256	---	Decreasing
GMW-27	Methyl tert-butyl ether (MTBE)	37	34	91.9%	0	0	1	2500	672.0751	210	ND (0.5)	Wednesday, October 1, 2014	100.0%	1.1997	806.2991	-90.9822	-493	---	Decreasing
GMW-27	TPH-d	7	0	0.0%	50	500			121.4286	50	ND (50)	Wednesday, October 1, 2014		1.3833	167.9711		0	>50% ND	No Trend
GMW-27	TPH-g	40	33	82.5%	50	100	61	21000	3842.4	2350	ND (100)	Wednesday, October 1, 2014	99.5%	1.2366	4751.5487	-191.8591	-276	---	Decreasing
GMW-28	Benzene	36	22	61.1%	0	0	0	22000	4041.6294	3	ND (0.5)	Monday, August 1, 2022	100.0%	1.7836	7208.8373	-7.5615	-366	---	Decreasing
GMW-28	Methyl tert-butyl ether (MTBE)	32	25	78.1%	0	0	1	4000	457.2797	5	ND (0.5)	Monday, August 1, 2022	100.0%	2.0929	957.0457	-19.3245	-419	---	Decreasing
GMW-28	TPH-d	25	12	48.0%	50	500	60	540	148.4067	89	ND (50)	Monday, August 1, 2022	90.7%	1.027	152.4139	0	-74	---	Decreasing
GMW-28	TPH-g	35	22	62.9%	50	100	58	46000	7370.2975	100	ND (50)	Monday, August 1, 2022	99.9%	1.8627	13728.688	-61.459	-339	---	Decreasing
GMW-29	Benzene	8	8	100.0%			42	8900	3609	2700	42	Sunday, August 1, 2021	99.5%	1.0392	3750.4136		2	Not Stable	No Trend
GMW-29	Methyl tert-butyl ether (MTBE)	8	2	25.0%	0	100	34	54	15.3214	42	ND (5)	Sunday, August 1, 2021	90.7%	1.353	20.7292		-11	>50% ND	No Trend
GMW-29	TPH-d	2	2	100.0%			12000	65000	38500	38500	12000	Sunday, August 1, 2021	81.5%	0.9734	37476.659			IS	IS
GMW-29	TPH-g	7	7	100.0%			1600	74000	25428.571	13000	2200	Sunday, August 1, 2021	97.0%	1.1072	28154.201		12	Not Stable	No Trend
GMW-3	Benzene	47	3	6.4%	0	5	1	70	1.8077	1	ND (0.5)	Thursday, October 1, 2015	99.3%	5.5623	10.0552		-37	>50% ND	No Trend
GMW-3	Methyl tert-butyl ether (MTBE)	43	4	9.3%	0	50	1	2	0.5588	1	ND (0.5)	Thursday, October 1, 2015	70.6%	0.3932	0.2197		-32	>50% ND	No Trend

Appendix C. Statistical Analysis Summary Data
 SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
GMW-3	TPH-d	10	0	0.0%	50	1000			280	50	ND (50)	Thursday, October 1, 2015		1.1791	330.1515		0	>50% ND	No Trend
GMW-3	TPH-g	44	2	4.6%	50	1000	17	120	20.2188	50	ND (50)	Thursday, October 1, 2015	58.3%	0.8864	17.9212		-31	>50% ND	No Trend
GMW-30	Benzene	12	9	75.0%	0	0	2	3600	403.425	16	ND (0.5)	Sunday, November 1, 2020	100.0%	2.5015	1009.1765	-9.4064	-35	---	Decreasing
GMW-30	Methyl tert-butyl ether (MTBE)	11	7	63.6%	0	15	1	3	1.4733	1	ND (0.5)	Sunday, November 1, 2020	85.3%	0.6114	0.9008		-15	Stable	No Trend
GMW-30	TPH-d	11	11	100.0%			1100	6400	2745.4545	2400	1100	Sunday, November 1, 2020	82.8%	0.5953	1634.236		-21	Stable	No Trend
GMW-30	TPH-g	11	8	72.7%	50	100	99	14000	2385.0303	280	ND (50)	Sunday, November 1, 2020	99.6%	1.8718	4464.3901	-131.3599	-50	---	Decreasing
GMW-31	Benzene	52	5	9.6%	0	2	0	5	0.4609	1	ND (0.5)	Sunday, May 1, 2022	89.6%	1.4696	0.6774	0	-169	---	Decreasing
GMW-31	Methyl tert-butyl ether (MTBE)	41	3	7.3%	0	5	1	10	0.7488	1	ND (1.2)	Sunday, May 1, 2022	87.9%	1.9335	1.4477		-31	>50% ND	No Trend
GMW-31	TPH-d	19	15	79.0%	100	500	120	550	193.3437	160	170	Sunday, May 1, 2022	69.1%	0.5576	107.8181		5	Stable	No Trend
GMW-31	TPH-g	28	3	10.7%	100	500	55	1100	109.2857	100	ND (100)	Sunday, May 1, 2022	90.9%	1.9218	210.0285		-64	>50% ND	No Trend
GMW-32	Benzene	42	17	40.5%	0	1	0	85	4.0266	1	ND (0.5)	Wednesday, October 1, 2014	99.4%	3.3429	13.4608	-0.0402	-363	---	Decreasing
GMW-32	Methyl tert-butyl ether (MTBE)	30	2	6.7%	0	5	1	1	0.5338	3	ND (2)	Wednesday, October 1, 2014		0.1532	0.0818		3	>50% ND	No Trend
GMW-32	TPH-d	7	5	71.4%	100	500	1200	1800	1071.4286	1300	1500	Wednesday, October 1, 2014	16.7%	0.596	638.557		7	Stable	No Trend
GMW-32	TPH-g	16	8	50.0%	100	500	63	1000	289.2227	300	290	Wednesday, October 1, 2014	71.0%	0.9104	263.3009		10	Stable	No Trend
GMW-33	Benzene	17	0	0.0%	0	5			0.7588	1	ND (0.5)	Monday, April 1, 2002		1.4541	1.1034		0	>50% ND	No Trend
GMW-33	Methyl tert-butyl ether (MTBE)	12	1	8.3%	0	5	1	1	0.9	1	0.8	Monday, April 1, 2002	0.0%	1.4378	1.294		11	>50% ND	No Trend
GMW-33	TPH-d	3	1	33.3%	100	500	700	700	433.3333	500	ND (100)	Thursday, January 1, 1998	85.7%	0.705	305.505			IS	IS
GMW-33	TPH-g	12	0	0.0%	38	500			274	300	ND (300)	Monday, April 1, 2002		0.4443	121.7419		0	>50% ND	No Trend
GMW-34	Benzene	6	2	33.3%	0	0	30	240	45.3333	1	240	Monday, April 1, 2002	0.0%	1.935	87.7215		1	>50% ND	No Trend
GMW-34	Methyl tert-butyl ether (MTBE)	6	6	100.0%			1	30	12.5	9	2.5	Monday, April 1, 2002	91.7%	0.9462	11.8278	-11.3299	-11	---	Decreasing
GMW-34	TPH-g	6	3	50.0%	300	300	740	9500	2016.6667	520	960	Monday, April 1, 2002	89.9%	1.6643	3356.276		-4	Not Stable	No Trend
GMW-35	Benzene	18	15	83.3%	0	1	8	1300	150.9833	24	180	Thursday, April 1, 2010	86.2%	2.1411	323.2663		14	Not Stable	No Trend
GMW-35	Methyl tert-butyl ether (MTBE)	17	5	29.4%	1	250	2	210	16.2308	8	13	Thursday, April 1, 2010	93.8%	3.09	50.1535	0	52	---	Increasing
GMW-35	TPH-g	1	1	100.0%			20000	20000	20000	20000	20000	Tuesday, May 1, 2001	0.0%					IS	IS
GMW-35R	Benzene	10	7	70.0%	0	2	9	120	28.69	14	ND (0.5)	Sunday, May 1, 2022	99.6%	1.2596	36.1386		0	Not Stable	No Trend
GMW-35R	Methyl tert-butyl ether (MTBE)	10	6	60.0%	1	5	2	14	4.476	4	ND (1.2)	Sunday, May 1, 2022	91.4%	0.8969	4.0147		-11	Stable	No Trend
GMW-35R	TPH-d	10	9	90.0%	100	100	100	2100	1220	1300	ND (100)	Sunday, May 1, 2022	95.2%	0.531	647.7654		-13	Stable	No Trend
GMW-35R	TPH-g	10	8	80.0%	100	100	160	1200	377	205	ND (100)	Sunday, May 1, 2022	91.7%	0.8883	334.8746		3	Stable	No Trend
GMW-36	Benzene	70	60	85.7%	0	10	1	28000	3883.8228	590	ND (0.5)	Monday, August 1, 2022	100.0%	1.6267	6317.6842	-296.723	-1163	---	Decreasing
GMW-36	Methyl tert-butyl ether (MTBE)	70	60	85.7%	0	100	1	74000	6193.7064	97	ND (0.5)	Monday, August 1, 2022	100.0%	2.5015	15493.284	-65.2219	-1129	---	Decreasing
GMW-36	TPH-d	28	25	89.3%	50	500	95	130000	8944.6299	855	250	Monday, August 1, 2022	99.8%	2.6884	24046.624		-49	Not Stable	No Trend
GMW-36	TPH-g	71	65	91.6%	50	200	68	560000	35821.575	8000	ND (100)	Monday, August 1, 2022	100.0%	2.2372	80141.51	-1310.4778	-1036	---	Decreasing
GMW-37	Benzene	64	1	1.6%	0	0	1	1	0.5031	1	ND (0.5)	Sunday, May 1, 2022	54.5%	0.166	0.0835		-51	>50% ND	No Trend
GMW-37	Methyl tert-butyl ether (MTBE)	64	15	23.4%	0	10	1	54	4.6284	1	ND (0.5)	Sunday, May 1, 2022	99.1%	2.497	11.5572	0	-589	---	Decreasing
GMW-37	TPH-d	24	0	0.0%	50	500			106.25	50	ND (50)	Sunday, May 1, 2022		1.4308	152.0244		0	>50% ND	No Trend
GMW-37	TPH-g	63	0	0.0%	10	500			109.6825	50	ND (50)	Sunday, May 1, 2022		1.0338	113.393		0	>50% ND	No Trend
GMW-38	Benzene	71	2	2.8%	0	0	2	9	0.4451	1	ND (0.5)	Sunday, May 1, 2022	94.5%	2.3579	1.0495	0	-135	---	Decreasing
GMW-38	Methyl tert-butyl ether (MTBE)	71	15	21.1%	0	10	0	25	1.1651	1	ND (0.5)	Sunday, May 1, 2022	98.0%	2.6646	3.1046	0	-586	---	Decreasing
GMW-38	TPH-d	26	0	0.0%	50	500			101.9231	50	ND (50)	Sunday, May 1, 2022		1.4385	146.6157		0	>50% ND	No Trend
GMW-38	TPH-g	68	0	0.0%	10	500			94.2647	50	ND (50)	Sunday, May 1, 2022		1.085	102.2773		0	>50% ND	No Trend
GMW-39	Benzene	76	2	2.6%	0	2	1	1	0.3153	1	ND (0.5)	Sunday, May 1, 2022	58.3%	0.3391	0.1069		-45	>50% ND	No Trend
GMW-39	Methyl tert-butyl ether (MTBE)	76	37	48.7%	0	10	1	89	4.9808	1	ND (0.5)	Sunday, May 1, 2022	99.4%	2.4812	12.3585	-0.0725	-940	---	Decreasing
GMW-39	TPH-d	26	0	0.0%	50	500			103.8462	50	ND (50)	Sunday, May 1, 2022		1.4082	146.2348		0	>50% ND	No Trend
GMW-39	TPH-g	72	3	4.2%	10	500	96	160	15.7352	50	ND (50)	Sunday, May 1, 2022	68.8%	1.6123	25.3706		-24	>50% ND	No Trend
GMW-4	Benzene	25	25	100.0%			6	290	82.468	48	24	Tuesday, October 1, 2013	91.7%	1.0496	86.5569	2.9275	91	---	Increasing
GMW-4	Methyl tert-butyl ether (MTBE)	20	4	20.0%	0	10	2	4	1.3622	3	2.2	Tuesday, October 1, 2013	43.6%	0.9586	1.3058		36	>50% ND	No Trend
GMW-4	TPH-d	8	6	75.0%	100	1000	530	25000	5818.125	2250	2400	Tuesday, October 1, 2013	90.4%	1.3512	7861.3908		13	Not Stable	No Trend
GMW-4	TPH-g	24	21	87.5%	100	1000	380	16000	2400.9722	1700	1800	Tuesday, October 1, 2013	88.8%	1.3032	3128.9396	77.8982	102	---	Increasing
GMW-40	Benzene	35	11	31.4%	0	0	1	6	1.0214	1	ND (0.5)	Saturday, October 1, 2016	91.1%	1.3815	1.4111		-113	>50% ND	No Trend
GMW-40	Methyl tert-butyl ether (MTBE)	32	15	46.9%	0	5	0	55	8.8504	1	ND (1)	Saturday, October 1, 2016	98.2%	1.7825	15.7761		-77	>50% ND	No Trend
GMW-40	TPH-d	8	5	62.5%	100	500	130	2600	617	350	1100	Saturday, October 1, 2016	57.7%	1.3182	813.3117		3	Not Stable	No Trend
GMW-40	TPH-g	18	3	16.7%	50	500	120	400	101.5126	300	ND (100)	Saturday, October 1, 2016	75.0%	0.9164	93.0224		-26	>50% ND	No Trend
GMW-41	Benzene	51	0	0.0%	0	5			0.5863	1	ND (0.5)	Sunday, May 1, 2022		1.0852	0.6362		0	>50% ND	No Trend
GMW-41	Methyl tert-butyl ether (MTBE)	47	11	23.4%	0	5	0	4	0.6812	1	ND (1.2)	Sunday, May 1, 2022	66.7%	1.1645	0.7933		-103	>50% ND	No Trend

Appendix C. Statistical Analysis Summary Data
SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
GMW-41	TPH-d	18	11	61.1%	100	500	120	1200	238.9259	150	200	Sunday, May 1, 2022	83.3%	1.1308	270.1796		42	Not Stable	No Trend
GMW-41	TPH-g	28	2	7.1%	50	500	75	250	73.5294	100	ND (100)	Sunday, May 1, 2022	60.0%	0.6223	45.754		-53	>50% ND	No Trend
GMW-42	Benzene	24	7	29.2%	0	0	1	1100	115.125	1	ND (0.5)	Sunday, May 1, 2022	100.0%	2.6232	301.9972	0	-124	---	Decreasing
GMW-42	Methyl tert-butyl ether (MTBE)	19	3	15.8%	0	5	5	18	2.0158	1	ND (1.2)	Sunday, May 1, 2022	93.3%	2.0608	4.1542		-47	>50% ND	No Trend
GMW-42	TPH-d	15	4	26.7%	100	100	120	180	111.3333	100	ND (100)	Sunday, May 1, 2022	44.4%	0.1991	22.1711		-10	>50% ND	No Trend
GMW-42	TPH-g	23	6	26.1%	100	300	380	7900	1230.8696	100	ND (100)	Sunday, May 1, 2022	98.7%	2.0161	2481.5807	0	-111	---	Decreasing
GMW-43	Benzene	51	3	5.9%	0	1	0	1	0.3127	1	ND (0.5)	Sunday, May 1, 2022	45.7%	0.2804	0.0877	0	-118	---	Decreasing
GMW-43	Methyl tert-butyl ether (MTBE)	40	1	2.5%	0	5	8	8	2.455	1	ND (1.2)	Sunday, May 1, 2022	85.0%	0.8789	2.1576		-13	>50% ND	No Trend
GMW-43	TPH-d	18	11	61.1%	50	500	180	660	216.5556	205	260	Sunday, May 1, 2022	60.6%	0.7936	171.8558	7.0337	71	---	Increasing
GMW-43	TPH-g	27	1	3.7%	50	500	620	620	198.8889	100	ND (100)	Sunday, May 1, 2022	83.9%	0.7171	142.622		-26	>50% ND	No Trend
GMW-44	Benzene	53	3	5.7%	0	1	0	10	0.506	1	ND (0.5)	Sunday, May 1, 2022	95.0%	2.6095	1.3204	0	-97	---	Decreasing
GMW-44	Methyl tert-butyl ether (MTBE)	42	1	2.4%	0	5	8	8	2.3929	1	ND (1.2)	Sunday, May 1, 2022	85.5%	0.8974	2.1473		-15	>50% ND	No Trend
GMW-44	TPH-d	20	10	50.0%	100	500	100	1100	195.8824	115	130	Sunday, May 1, 2022	88.2%	1.2463	244.1325		-30	Not Stable	No Trend
GMW-44	TPH-g	29	3	10.3%	100	500	68	820	98.8659	100	ND (100)	Sunday, May 1, 2022	87.8%	1.3943	137.8457		-43	>50% ND	No Trend
GMW-45	Benzene	46	43	93.5%	0	0	1	2400	291.98	88	ND (0.5)	Sunday, May 1, 2022	100.0%	1.4433	421.4222	-21.851	-592	---	Decreasing
GMW-45	Methyl tert-butyl ether (MTBE)	35	4	11.4%	0	50	10	240	8.3078	2	ND (1.2)	Sunday, May 1, 2022	99.5%	4.7956	39.8407		-60	>50% ND	No Trend
GMW-45	TPH-d	13	12	92.3%	500	500	720	25000	4631.5385	2700	1500	Sunday, May 1, 2022	94.0%	1.3568	6284.2145		-6	Not Stable	No Trend
GMW-45	TPH-g	22	22	100.0%			230	23000	4127.7273	3200	270	Sunday, May 1, 2022	98.8%	1.1555	4769.5013	-107.8446	-67	---	Decreasing
GMW-47	Benzene	75	43	57.3%	0	0	0	2300	148.9647	1	48	Sunday, May 1, 2022	97.9%	2.7256	406.02	-0.2612	-1177	---	Decreasing
GMW-47	Methyl tert-butyl ether (MTBE)	65	28	43.1%	0	50	1	16	2.655	1	1.5	Sunday, May 1, 2022	90.6%	1.2174	3.2322	0.0723	826	---	Increasing
GMW-47	TPH-d	24	22	91.7%	100	500	93	2400	1101.5833	940	650	Sunday, May 1, 2022	72.9%	0.6118	673.953		27	Stable	No Trend
GMW-47	TPH-g	56	25	44.6%	100	300	130	9600	844.7946	100	440	Sunday, May 1, 2022	95.4%	2.2925	1936.7111	0	-409	---	Decreasing
GMW-48	Benzene	21	14	66.7%	0	0	1	10000	1092.119	190	ND (0.5)	Sunday, May 1, 2022	100.0%	2.3309	2545.662	-62.9309	-167	---	Decreasing
GMW-48	Methyl tert-butyl ether (MTBE)	17	1	5.9%	1	10	1	1	2.54	1	ND (1.2)	Sunday, May 1, 2022		1.1688	2.9687		-16	>50% ND	No Trend
GMW-48	TPH-d	18	13	72.2%	100	500	150	3100	1081.4815	750	ND (100)	Sunday, May 1, 2022	96.8%	0.9218	996.8987	-294.4205	-104	---	Decreasing
GMW-48	TPH-g	18	11	61.1%	100	100	150	56000	3698.8889	320	ND (100)	Sunday, May 1, 2022	99.8%	3.4346	12704.354	-187.0953	-122	---	Decreasing
GMW-4R	Benzene	12	3	25.0%	0	0	1	6	1.0833	1	ND (0.5)	Sunday, May 1, 2022	91.8%	1.417	1.5351	0	-26	---	Decreasing
GMW-4R	Methyl tert-butyl ether (MTBE)	12	5	41.7%	0	1	1	1	0.6333	1	0.92	Sunday, May 1, 2022	8.0%	0.2727	0.1727		1	>50% ND	No Trend
GMW-4R	TPH-d	12	6	50.0%	50	50	50	310	88.5833	50	190	Sunday, May 1, 2022	38.7%	0.8685	76.9334		-17	Stable	No Trend
GMW-4R	TPH-g	12	4	33.3%	50	100	51	120	63.2407	50	ND (50)	Sunday, May 1, 2022	58.3%	0.3703	23.4196		-10	>50% ND	No Trend
GMW-5	Benzene	20	0	0.0%	0	1			0.405	0	ND (0.5)	Wednesday, April 1, 2015		0.4199	0.1701		0	>50% ND	No Trend
GMW-5	Methyl tert-butyl ether (MTBE)	8	0	0.0%	0	5			3.125	4	ND (2)	Wednesday, April 1, 2015		0.6666	2.0831		0	>50% ND	No Trend
GMW-5	TPH-d	8	1	12.5%	50	1000	120	120	258.125	100	ND (100)	Wednesday, April 1, 2015	16.7%	1.2873	332.2858		1	>50% ND	No Trend
GMW-5	TPH-g	17	0	0.0%	50	1000			264.7059	300	ND (100)	Wednesday, April 1, 2015		0.8624	228.2848		0	>50% ND	No Trend
GMW-50	Benzene	2	2	100.0%			35	48	41.5	42	35	Friday, April 1, 2016	27.1%	0.2215	9.1924			IS	IS
GMW-50	Methyl tert-butyl ether (MTBE)	2	2	100.0%			0	1	0.885	1	1.3	Friday, April 1, 2016	0.0%	0.6632	0.5869			IS	IS
GMW-50	TPH-d	1	1	100.0%			440	440	440	440	440	Friday, April 1, 2016	0.0%					IS	IS
GMW-50	TPH-g	1	0	0.0%	100	100			100	100	ND (100)	Friday, April 1, 2016						IS	IS
GMW-54	Benzene	2	0	0.0%	0	0			0.5	1	ND (0.5)	Saturday, April 1, 2017		0	0			IS	IS
GMW-54	Methyl tert-butyl ether (MTBE)	2	1	50.0%	1	1	2	2	1.65	2	ND (1)	Saturday, April 1, 2017	56.5%	0.5571	0.9192			IS	IS
GMW-54	TPH-d	2	2	100.0%			850	1800	1325	1325	850	Saturday, April 1, 2017	52.8%	0.507	671.7514			IS	IS
GMW-54	TPH-g	2	0	0.0%	100	100			100	100	ND (100)	Saturday, April 1, 2017		0	0			IS	IS
GMW-56	Benzene	12	0	0.0%	0	0			0.5	1	ND (0.5)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend
GMW-56	Methyl tert-butyl ether (MTBE)	12	0	0.0%	1	1			1.1	1	ND (1.2)	Sunday, May 1, 2022		0.095	0.1044		0	>50% ND	No Trend
GMW-56	TPH-d	12	3	25.0%	100	100	120	160	109.1667	100	160	Sunday, May 1, 2022	0.0%	0.165	18.0085		16	>50% ND	No Trend
GMW-56	TPH-g	12	0	0.0%	100	100			100	100	ND (100)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend
GMW-57	Benzene	12	1	8.3%	0	0	4	4	0.7667	1	ND (0.5)	Sunday, May 1, 2022	86.5%	1.2049	0.9238		3	>50% ND	No Trend
GMW-57	Methyl tert-butyl ether (MTBE)	12	6	50.0%	1	1	1	5	2.25	1	ND (1.2)	Sunday, May 1, 2022	76.5%	0.7306	1.6439	-0.1842	-26	---	Decreasing
GMW-57	TPH-d	12	11	91.7%	100	100	140	730	374.1667	370	180	Sunday, May 1, 2022	75.3%	0.5238	195.9787	-85.8295	-43	---	Decreasing
GMW-57	TPH-g	12	1	8.3%	100	100	430	430	127.5	100	ND (100)	Sunday, May 1, 2022	76.7%	0.7472	95.2628		3	>50% ND	No Trend
GMW-58	Benzene	8	3	37.5%	0	0	2	21	5.5125	1	ND (0.5)	Sunday, May 1, 2022	97.6%	1.5214	8.3868		-14	>50% ND	No Trend
GMW-58	Methyl tert-butyl ether (MTBE)	8	0	0.0%	1	1			1.15	1	ND (1.2)	Sunday, May 1, 2022		0.0805	0.0926		0	>50% ND	No Trend
GMW-58	TPH-d	8	5	62.5%	100	100	140	1900	640	280	ND (100)	Sunday, May 1, 2022	94.7%	1.0247	655.8201	-271.2219	-17	---	Decreasing
GMW-58	TPH-g	8	2	25.0%	100	100	150	390	142.5	100	ND (100)	Sunday, May 1, 2022	74.4%	0.6664	94.9671		-9	>50% ND	No Trend

Appendix C. Statistical Analysis Summary Data
SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
GMW-59	Benzene	12	5	41.7%	0	0	1	130	21.8592	1	ND (0.5)	Sunday, May 1, 2022	99.6%	2.027	44.3081	-0.341	-39	---	Decreasing
GMW-59	Methyl tert-butyl ether (MTBE)	12	0	0.0%	1	2			1.2667	1	ND (1.2)	Sunday, May 1, 2022		0.2803	0.3551		0	>50% ND	No Trend
GMW-59	TPH-d	12	12	100.0%			100	1800	620.8333	465	180	Sunday, May 1, 2022	90.0%	0.8321	516.6229	-206.9193	-30	---	Decreasing
GMW-59	TPH-g	12	3	25.0%	100	100	210	470	165	100	ND (100)	Sunday, May 1, 2022	78.7%	0.7592	125.2664	0	-30	---	Decreasing
GMW-6	Benzene	60	13	21.7%	0	1	0	400	15.617	1	ND (0.5)	Sunday, May 1, 2022	99.9%	4.4263	69.1252	0	-225	---	Decreasing
GMW-6	Methyl tert-butyl ether (MTBE)	49	10	20.4%	0	5	0	350	11.4869	2	ND (1.2)	Sunday, May 1, 2022	99.7%	4.5686	52.4794		1	>50% ND	No Trend
GMW-6	TPH-d	24	6	25.0%	50	1000	110	270	85	100	ND (100)	Sunday, May 1, 2022	63.0%	0.7786	66.1781		2	>50% ND	No Trend
GMW-6	TPH-g	37	2	5.4%	50	1000	3400	5300	282.4324	100	ND (100)	Sunday, May 1, 2022	98.1%	3.5304	997.105		-39	>50% ND	No Trend
GMW-60	Benzene	53	42	79.3%	0	0	1	1700	392.2109	210	ND (0.5)	Sunday, May 1, 2022	100.0%	1.1645	456.7303	-58.6318	-991	---	Decreasing
GMW-60	Methyl tert-butyl ether (MTBE)	53	0	0.0%	0	20			2.2019	1	ND (1.2)	Sunday, May 1, 2022		1.3718	3.0205		0	>50% ND	No Trend
GMW-60	TPH-d	20	13	65.0%	100	100	100	3200	871	345	ND (100)	Sunday, May 1, 2022	96.9%	1.1466	998.6987	-251.4642	-130	---	Decreasing
GMW-60	TPH-g	51	39	76.5%	100	100	110	15000	2461.3725	1500	ND (100)	Sunday, May 1, 2022	99.3%	1.2755	3139.3605	-321.5914	-994	---	Decreasing
GMW-61	Benzene	52	40	76.9%	0	0	0	2700	586.1819	150	ND (0.5)	Sunday, May 1, 2022	100.0%	1.4241	834.7824	-105.8024	-1056	---	Decreasing
GMW-61	Methyl tert-butyl ether (MTBE)	52	0	0.0%	0	20			2.9269	1	ND (1.2)	Sunday, May 1, 2022		1.3173	3.8556		0	>50% ND	No Trend
GMW-61	TPH-d	19	16	84.2%	100	100	140	21000	1635.7895	340	ND (100)	Sunday, May 1, 2022	99.5%	2.832	4632.5761		19	Not Stable	No Trend
GMW-61	TPH-g	50	37	74.0%	100	100	120	23000	3693.4	750	ND (100)	Sunday, May 1, 2022	99.6%	1.5901	5872.8782	-453.7623	-1019	---	Decreasing
GMW-62	Benzene	20	20	100.0%			1	3900	1162.355	1250	1.4	Sunday, May 1, 2022	100.0%	0.8962	1041.7334	-99.5341	-84	---	Decreasing
GMW-62	Methyl tert-butyl ether (MTBE)	20	0	0.0%	0	20			3.89	3	ND (1.2)	Sunday, May 1, 2022		1.1351	4.4156		0	>50% ND	No Trend
GMW-62	TPH-d	8	8	100.0%			760	130000	20532.5	4650	760	Sunday, May 1, 2022	99.4%	2.1626	44403.473		-2	Not Stable	No Trend
GMW-62	TPH-g	19	19	100.0%			510	17000	3537.3684	2200	510	Sunday, May 1, 2022	97.0%	1.076	3806.1614		-44	Not Stable	No Trend
GMW-63	Benzene	36	1	2.8%	0	0	0	0	0.4969	1	ND (0.5)	Sunday, May 1, 2022		0.0369	0.0183		-25	>50% ND	No Trend
GMW-63	Methyl tert-butyl ether (MTBE)	36	0	0.0%	0	2			0.8389	1	ND (1.2)	Sunday, May 1, 2022		0.5446	0.4569		0	>50% ND	No Trend
GMW-63	TPH-d	21	2	9.5%	95	100	170	440	115	100	ND (100)	Sunday, May 1, 2022	77.3%	0.647	74.4024		3	>50% ND	No Trend
GMW-63	TPH-g	23	0	0.0%	100	100			100	100	ND (100)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend
GMW-64	Benzene	36	0	0.0%	0	0			0.5	1	ND (0.5)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend
GMW-64	Methyl tert-butyl ether (MTBE)	36	0	0.0%	0	2			0.8389	1	ND (1.2)	Sunday, May 1, 2022		0.5446	0.4569		0	>50% ND	No Trend
GMW-64	TPH-d	21	4	19.1%	95	100	100	620	128.3333	100	ND (100)	Sunday, May 1, 2022	83.9%	0.8835	113.3823		22	>50% ND	No Trend
GMW-64	TPH-g	23	0	0.0%	100	100			100	100	ND (100)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend
GMW-65	Benzene	32	1	3.1%	0	0	0	0	0.4944	1	ND (0.5)	Sunday, May 1, 2022		0.0644	0.0318		-25	>50% ND	No Trend
GMW-65	Methyl tert-butyl ether (MTBE)	32	0	0.0%	0	2			0.8812	1	ND (1.2)	Sunday, May 1, 2022		0.531	0.468		0	>50% ND	No Trend
GMW-65	TPH-d	21	4	19.1%	95	100	100	320	112.1429	100	ND (100)	Sunday, May 1, 2022	68.8%	0.4683	52.5215		-10	>50% ND	No Trend
GMW-65	TPH-g	19	0	0.0%	100	100			100	100	ND (100)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend
GMW-66	Benzene	11	0	0.0%	0	0			0.5	1	ND (0.5)	Wednesday, October 1, 2014		0	0		0	>50% ND	No Trend
GMW-66	Methyl tert-butyl ether (MTBE)	11	0	0.0%	0	2			0.6364	1	ND (2)	Wednesday, October 1, 2014		0.7107	0.4523		0	>50% ND	No Trend
GMW-66	TPH-d	4	3	75.0%	100	100	96	150	118	115	ND (100)	Wednesday, October 1, 2014	33.3%	0.1958	23.1084		-4	Stable	No Trend
GMW-66	TPH-g	4	0	0.0%	100	100			100	100	ND (100)	Wednesday, October 1, 2014		0	0		0	>50% ND	No Trend
GMW-66R	Benzene	13	0	0.0%	0	0			0.5	1	ND (0.5)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend
GMW-66R	Methyl tert-butyl ether (MTBE)	13	0	0.0%	1	1			1.0923	1	ND (1.2)	Sunday, May 1, 2022		0.095	0.1038		0	>50% ND	No Trend
GMW-66R	TPH-d	13	3	23.1%	100	100	110	190	109.2308	100	110	Sunday, May 1, 2022	42.1%	0.2198	24.0069		3	>50% ND	No Trend
GMW-66R	TPH-g	13	0	0.0%	100	100			100	100	ND (100)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend
GMW-67	Benzene	14	9	64.3%	0	0	0	71	7.9036	1	2.1	Sunday, May 1, 2022	97.0%	2.3167	18.3105	-0.6913	-48	---	Decreasing
GMW-67	Methyl tert-butyl ether (MTBE)	14	0	0.0%	1	2			1.1571	1	ND (1.2)	Sunday, May 1, 2022		0.2267	0.2623		0	>50% ND	No Trend
GMW-67	TPH-d	14	5	35.7%	100	100	110	520	145	100	ND (100)	Sunday, May 1, 2022	80.8%	0.7545	109.3977		-5	>50% ND	No Trend
GMW-67	TPH-g	14	6	42.9%	100	100	110	970	194.2857	100	110	Sunday, May 1, 2022	88.7%	1.1576	224.9036		-8	>50% ND	No Trend
GMW-68	Benzene	3	3	100.0%			690	2300	1730	2200	690	Sunday, May 1, 2022	70.0%	0.5214	902.0532			IS	IS
GMW-68	Methyl tert-butyl ether (MTBE)	3	0	0.0%	20	40			28	24	ND (24)	Sunday, May 1, 2022		0.378	10.583			IS	IS
GMW-68	TPH-d	3	3	100.0%			810	1700	1106.6667	810	1700	Sunday, May 1, 2022	0.0%	0.4643	513.8417			IS	IS
GMW-68	TPH-g	3	3	100.0%			5600	17000	12533.333	15000	5600	Sunday, May 1, 2022	67.1%	0.4857	6087.1449			IS	IS
GMW-69	Benzene	15	13	86.7%	0	0	21	870	196.1333	140	ND (0.5)	Sunday, May 1, 2022	99.9%	1.0954	214.8366	-45.8653	-62	---	Decreasing
GMW-69	Methyl tert-butyl ether (MTBE)	15	0	0.0%	1	20			4.56	2	ND (1.2)	Sunday, May 1, 2022		1.1501	5.2444		0	>50% ND	No Trend
GMW-69	TPH-d	15	15	100.0%			110	830	362	330	110	Sunday, May 1, 2022	86.7%	0.5654	204.667		-13	Stable	No Trend
GMW-69	TPH-g	14	14	100.0%			130	3600	1405.7143	1115	170	Sunday, May 1, 2022	95.3%	0.7718	1084.9226	-354.1779	-47	---	Decreasing
GMW-7	Benzene	14	11	78.6%	0	0	2	4800	370.3643	8	66	Sunday, May 1, 2022	98.6%	3.3193	1229.34		22	Not Stable	No Trend
GMW-7	Methyl tert-butyl ether (MTBE)	14	5	35.7%	0	2500	1	4	1.12	1	1.3	Sunday, May 1, 2022	67.5%	0.8502	0.9523		30	>50% ND	No Trend

Appendix C. Statistical Analysis Summary Data
 SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
GMW-7	TPH-d	12	12	100.0%			1400	28000	6641.6667	4900	11000	Sunday, May 1, 2022	60.7%	1.0785	7163.2215		16	Not Stable	No Trend
GMW-7	TPH-g	13	13	100.0%			150	520000	40395.385	520	670	Sunday, May 1, 2022	99.9%	3.5673	144103.38		1	Not Stable	No Trend
GMW-8	Benzene	55	6	10.9%	0	1	1	35	0.9916	1	ND (0.5)	Sunday, May 1, 2022	98.6%	4.674	4.6348	0	-241	---	Decreasing
GMW-8	Methyl tert-butyl ether (MTBE)	51	14	27.5%	0	5	1	8	0.9674	1	ND (0.5)	Sunday, May 1, 2022	93.4%	1.3785	1.3336		46	>50% ND	No Trend
GMW-8	TPH-d	24	16	66.7%	50	1000	60	270	126.2105	150	120	Sunday, May 1, 2022	55.6%	0.4734	59.7456	3.8062	95	---	Increasing
GMW-8	TPH-g	51	2	3.9%	50	1000	73	220	54.9096	50	ND (50)	Sunday, May 1, 2022	77.3%	0.4865	26.7127	0	-91	---	Decreasing
GMW-9	Benzene	16	6	37.5%	0	0	1	20000	2431.8444	1	ND (0.5)	Sunday, May 1, 2022	100.0%	2.5807	6275.7984	-0.5367	-65	---	Decreasing
GMW-9	Methyl tert-butyl ether (MTBE)	16	11	68.8%	0	0	1	3600	360.4162	1	ND (0.5)	Sunday, May 1, 2022	100.0%	2.7127	977.7126	-0.4051	-86	---	Decreasing
GMW-9	TPH-d	13	10	76.9%	50	50	53	1700	295.0769	100	ND (50)	Sunday, May 1, 2022	97.1%	1.5189	448.1915	-59.8567	-43	---	Decreasing
GMW-9	TPH-g	16	7	43.8%	50	50	67	61000	7716.3125	50	ND (50)	Sunday, May 1, 2022	99.9%	2.4528	18926.279	-24.1252	-64	---	Decreasing
GMW-O-1	Benzene	91	1	1.1%	0	1	11	11	0.6198	1	ND (0.5)	Sunday, May 1, 2022	95.5%	1.7802	1.1034		-44	>50% ND	No Trend
GMW-O-1	Methyl tert-butyl ether (MTBE)	88	0	0.0%	0	10			0.9239	1	ND (0.5)	Sunday, May 1, 2022		1.82	1.6815		0	>50% ND	No Trend
GMW-O-1	TPH-d	31	1	3.2%	50	1000	100	100	129.0323	50	ND (50)	Sunday, May 1, 2022	50.0%	1.628	210.0691		6	>50% ND	No Trend
GMW-O-1	TPH-g	87	0	0.0%	10	500			111.6092	50	ND (50)	Sunday, May 1, 2022		1.0367	115.7069		0	>50% ND	No Trend
GMW-O-10	Benzene	63	39	61.9%	0	1	0	8300	975.0802	13	ND (0.5)	Sunday, May 1, 2022	100.0%	1.8071	1762.0709	-3.7839	-782	---	Decreasing
GMW-O-10	Methyl tert-butyl ether (MTBE)	61	33	54.1%	0	5	0	2600	289.4532	1	ND (0.5)	Sunday, May 1, 2022	100.0%	1.8723	541.9416	-5.5347	-1033	---	Decreasing
GMW-O-10	TPH-d	29	11	37.9%	50	500	51	12000	510.179	50	ND (50)	Sunday, May 1, 2022	99.6%	4.2674	2177.1385	0	-118	---	Decreasing
GMW-O-10	TPH-g	61	41	67.2%	50	500	52	32000	3501.4567	180	ND (50)	Sunday, May 1, 2022	99.8%	1.9041	6666.9661	-33.3175	-827	---	Decreasing
GMW-O-11	Benzene	9	6	66.7%	0	0	1	4200	472.2744	1	0.67	Monday, August 1, 2022	100.0%	2.7908	1318.015		-1	Not Stable	No Trend
GMW-O-11	Methyl tert-butyl ether (MTBE)	9	8	88.9%	0	0	1	160	19.0611	1	0.72	Monday, August 1, 2022	99.6%	2.6147	49.8397	-1.6814	-23	---	Decreasing
GMW-O-11	TPH-d	8	8	100.0%			440	9400	2047.5	985	870	Monday, August 1, 2022	90.7%	1.4628	2995.1139		-2	Not Stable	No Trend
GMW-O-11	TPH-g	9	4	44.4%	50	100	95	10000	1205	100	ND (50)	Monday, August 1, 2022	99.5%	2.5811	3110.2849		4	>50% ND	No Trend
GMW-O-12	Benzene	8	8	100.0%			23	13000	9127.875	11500	23	Sunday, August 1, 2021	99.8%	0.5169	4718.2883		0	Stable	No Trend
GMW-O-12	Methyl tert-butyl ether (MTBE)	8	2	25.0%	5	100	25	71	21.5556	57	ND (5)	Sunday, August 1, 2021	93.0%	1.1008	23.7281		-13	>50% ND	No Trend
GMW-O-12	TPH-d	5	5	100.0%			28000	260000	128200	120000	28000	Sunday, August 1, 2021	89.2%	0.6926	88793.018	-36430.122	-8	---	Decreasing
GMW-O-12	TPH-g	8	8	100.0%			5300	34000	21162.5	21500	5300	Sunday, August 1, 2021	84.4%	0.4627	9792.6995		0	Stable	No Trend
GMW-O-14	Benzene	85	80	94.1%	0	0	1	14000	5212.6318	4900	ND (0.5)	Monday, August 1, 2022	100.0%	0.8394	4375.3181		-417	Stable	No Trend
GMW-O-14	Methyl tert-butyl ether (MTBE)	85	17	20.0%	0	5000	2	140	8.4895	25	ND (0.5)	Monday, August 1, 2022	99.6%	2.1822	18.5259		160	>50% ND	No Trend
GMW-O-14	TPH-d	36	31	86.1%	50	50	310	780000	43468.611	1300	ND (50)	Monday, August 1, 2022	100.0%	3.6797	159949.4	-314.4275	-342	---	Decreasing
GMW-O-14	TPH-g	85	80	94.1%	50	50	330	160000	22849.647	18000	ND (50)	Monday, August 1, 2022	100.0%	1.036	23672.686	-873.6732	-983	---	Decreasing
GMW-O-15	Benzene	42	40	95.2%	1	5	10	12000	1179.2381	205	ND (5)	Sunday, November 1, 2020	100.0%	2.0657	2435.9953		-15	Not Stable	No Trend
GMW-O-15	Methyl tert-butyl ether (MTBE)	42	40	95.2%	1	5	13	8800	908.9048	245	ND (5)	Sunday, November 1, 2020	99.9%	2.0467	1860.2107		-133	Not Stable	No Trend
GMW-O-15	TPH-d	19	16	84.2%	50	50	75	490000	38210.211	1300	5600	Sunday, November 1, 2020	98.9%	2.8658	109501.79		30	Not Stable	No Trend
GMW-O-15	TPH-g	42	41	97.6%	1000	1000	190	370000	19971.758	1750	ND (1000)	Sunday, November 1, 2020	99.7%	3.0199	60312.886		17	Not Stable	No Trend
GMW-O-16	Benzene	87	17	19.5%	0	0	0	7900	103.7987	1	ND (0.5)	Sunday, May 1, 2022	100.0%	8.1284	843.7171	0	-482	---	Decreasing
GMW-O-16	Methyl tert-butyl ether (MTBE)	87	52	59.8%	0	125	1	17000	207.1963	1	ND (0.5)	Sunday, May 1, 2022	100.0%	8.7419	1811.295	0	-580	---	Decreasing
GMW-O-16	TPH-d	35	6	17.1%	50	500	51	730	82.1825	50	ND (50)	Sunday, May 1, 2022	93.2%	1.4757	121.2752		39	>50% ND	No Trend
GMW-O-16	TPH-g	85	8	9.4%	50	500	57	17000	309.1554	50	ND (50)	Sunday, May 1, 2022	99.7%	6.101	1886.1426		-22	>50% ND	No Trend
GMW-O-17	Benzene	47	1	2.1%	0	1	1	1	0.5243	1	ND (0.5)	Sunday, May 1, 2022	21.9%	0.1973	0.1034		-28	>50% ND	No Trend
GMW-O-17	Methyl tert-butyl ether (MTBE)	46	1	2.2%	0	10	1	1	1.1104	1	ND (0.5)	Sunday, May 1, 2022	13.8%	1.6679	1.8521		-29	>50% ND	No Trend
GMW-O-17	TPH-d	26	3	11.5%	50	10000	55	93	54.0909	50	55	Sunday, May 1, 2022	40.9%	0.2254	12.1913		58	>50% ND	No Trend
GMW-O-17	TPH-g	43	0	0.0%	50	500			126.7442	50	ND (50)	Sunday, May 1, 2022		1.0343	131.0892		0	>50% ND	No Trend
GMW-O-18	Benzene	64	24	37.5%	0	100	1	53000	872.5981	1	ND (0.5)	Sunday, May 1, 2022	100.0%	7.5289	6569.7034	0	392	---	Increasing
GMW-O-18	Methyl tert-butyl ether (MTBE)	63	46	73.0%	0	5	1	15000	1286.6128	4	ND (0.5)	Sunday, May 1, 2022	100.0%	2.2984	2957.2136	-1.1732	-668	---	Decreasing
GMW-O-18	TPH-d	26	12	46.2%	50	10000	50	5900000	230420.5	370	5800	Sunday, May 1, 2022	99.9%	4.9212	1133955.4	186.5621	157	---	Increasing
GMW-O-18	TPH-g	60	41	68.3%	50	3000	55	11000000	185651.84	195	1600	Sunday, May 1, 2022	100.0%	7.5837	1407919.1	20.5414	474	---	Increasing
GMW-O-19	Benzene	86	8	9.3%	0	0	1	1200	16.2316	1	ND (0.5)	Sunday, May 1, 2022	100.0%	7.9451	128.9617	0	-369	---	Decreasing
GMW-O-19	Methyl tert-butyl ether (MTBE)	85	5	5.9%	0	20	0	150	2.4982	1	ND (0.5)	Sunday, May 1, 2022	99.7%	6.4922	16.219	0	-294	---	Decreasing
GMW-O-19	TPH-d	37	4	10.8%	50	10000	110	1000	99.776	50	ND (50)	Sunday, May 1, 2022	95.0%	1.7738	176.9815		-18	>50% ND	No Trend
GMW-O-19	TPH-g	84	6	7.1%	50	500	52	7500	152.5425	50	ND (50)	Sunday, May 1, 2022	99.3%	5.3098	809.9722		-153	>50% ND	No Trend
GMW-O-2	Benzene	80	0	0.0%	0	0			0.4925	1	ND (0.5)	Sunday, May 1, 2022		0.0776	0.0382		0	>50% ND	No Trend
GMW-O-2	Methyl tert-butyl ether (MTBE)	77	0	0.0%	0	5			0.6727	1	ND (0.5)	Sunday, May 1, 2022		1.3041	0.8773		0	>50% ND	No Trend
GMW-O-2	TPH-d	29	0	0.0%	50	500			100	50	ND (50)	Sunday, May 1, 2022		1.3887	138.873		0	>50% ND	No Trend
GMW-O-2	TPH-g	80	0	0.0%	10	500			95.75	50	ND (50)	Sunday, May 1, 2022		1.0504	100.5778		0	>50% ND	No Trend

Appendix C. Statistical Analysis Summary Data
 SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
GMW-O-20	Benzene	23	21	91.3%	0	0	1	17000	2899.843	200	ND (0.5)	Monday, August 1, 2022	100.0%	1.606	4657.1844	-625.9059	-204	---	Decreasing
GMW-O-20	Methyl tert-butyl ether (MTBE)	23	18	78.3%	25	100	1	51	13.7723	14	0.56	Monday, August 1, 2022	98.9%	0.9306	12.8169		7	Stable	No Trend
GMW-O-20	TPH-d	20	20	100.0%			340	340000	37682	2800	2900	Monday, August 1, 2022	99.1%	2.3633	89054.381	-2048.6429	-93	---	Decreasing
GMW-O-20	TPH-g	23	21	91.3%	100	100	82	48000	12765.478	1300	ND (100)	Monday, August 1, 2022	99.8%	1.3538	17281.272	-3369.1696	-198	---	Decreasing
GMW-O-21	Benzene	23	18	78.3%	0	0	3	19000	3797.5957	2300	ND (0.5)	Monday, August 1, 2022	100.0%	1.3343	5067.2447	-764.4353	-156	---	Decreasing
GMW-O-21	Methyl tert-butyl ether (MTBE)	23	8	34.8%	0	100	1	5200	235.218	10	0.79	Monday, August 1, 2022	100.0%	4.501	1058.7177		-30	>50% ND	No Trend
GMW-O-21	TPH-d	19	19	100.0%			64	2400	856.2632	730	68	Monday, August 1, 2022	97.2%	0.8775	751.4031	-139.6914	-74	---	Decreasing
GMW-O-21	TPH-g	23	16	69.6%	50	8000	140	66000	11451.42	4900	ND (50)	Monday, August 1, 2022	99.9%	1.4738	16876.881	-2440.9197	-150	---	Decreasing
GMW-O-23	Benzene	21	12	57.1%	0	0	1	22000	2875.0176	1	ND (0.5)	Sunday, May 1, 2022	100.0%	2.2005	6326.397	-15.3717	-151	---	Decreasing
GMW-O-23	Methyl tert-butyl ether (MTBE)	21	20	95.2%	0	0	1	2600	299.0329	4	2	Sunday, May 1, 2022	99.9%	2.3287	696.3474	-3.2081	-97	---	Decreasing
GMW-O-23	TPH-d	18	18	100.0%			91	170000	27272.833	930	110	Sunday, May 1, 2022	99.9%	2.1135	57641.487	-428.5786	-123	---	Decreasing
GMW-O-23	TPH-g	21	15	71.4%	50	100	57	120000	15241.905	110	ND (50)	Sunday, May 1, 2022	100.0%	2.0543	31310.688	-1737.2463	-134	---	Decreasing
GMW-O-24	Benzene	21	2	9.5%	0	0	1	1	0.5238	1	ND (0.5)	Monday, August 1, 2022	37.5%	0.1432	0.075		-9	>50% ND	No Trend
GMW-O-24	Methyl tert-butyl ether (MTBE)	21	4	19.1%	0	0	1	4	0.7505	1	ND (0.5)	Monday, August 1, 2022	88.1%	1.06	0.7955	0	-64	---	Decreasing
GMW-O-24	TPH-d	21	4	19.1%	50	50	55	82	53.3333	50	55	Monday, August 1, 2022	32.9%	0.157	8.3742		24	>50% ND	No Trend
GMW-O-24	TPH-g	21	0	0.0%	50	50			50	50	ND (50)	Monday, August 1, 2022		0	0		0	>50% ND	No Trend
GMW-O-3	Benzene	92	45	48.9%	0	100	1	4900	338.0855	1	ND (0.5)	Sunday, May 1, 2022	100.0%	2.6895	909.2845	-8.6628	-2535	---	Decreasing
GMW-O-3	Methyl tert-butyl ether (MTBE)	89	1	1.1%	0	100	260	260	8.7449	1	ND (0.5)	Sunday, May 1, 2022	99.8%	3.9212	34.2905		-80	>50% ND	No Trend
GMW-O-3	TPH-d	32	3	9.4%	50	1000	110	1300	112.7789	50	ND (50)	Sunday, May 1, 2022	96.2%	2.163	243.9416		-44	>50% ND	No Trend
GMW-O-3	TPH-g	89	48	53.9%	50	500	51	28000	1195.5752	130	ND (50)	Sunday, May 1, 2022	99.8%	2.955	3532.9427	-43.8009	-1916	---	Decreasing
GMW-O-4	Benzene	63	1	1.6%	0	1	0	0	0.4986	1	ND (0.5)	Sunday, May 1, 2022		0.2362	0.1178		38	>50% ND	No Trend
GMW-O-4	Methyl tert-butyl ether (MTBE)	60	2	3.3%	0	100	0	1	0.1307	1	ND (0.5)	Sunday, May 1, 2022	28.6%	0.5981	0.0782		-11	>50% ND	No Trend
GMW-O-4	TPH-d	28	0	0.0%	50	500			100	50	ND (50)	Sunday, May 1, 2022		1.4142	141.4214		0	>50% ND	No Trend
GMW-O-4	TPH-g	58	0	0.0%	10	500			100.1724	50	ND (50)	Sunday, May 1, 2022		1.0521	105.3897		0	>50% ND	No Trend
GMW-O-4 (MID)	Benzene	35	1	2.9%	0	1	0	0	0.5057	1	ND (0.5)	Monday, October 1, 2012		0.1854	0.0938		-34	>50% ND	No Trend
GMW-O-4 (MID)	Methyl tert-butyl ether (MTBE)	34	0	0.0%	0	10			1.1853	1	ND (0.5)	Monday, October 1, 2012		1.7084	2.025		0	>50% ND	No Trend
GMW-O-4 (MID)	TPH-d	5	0	0.0%	50	500			320	500	ND (50)	Monday, October 1, 2012		0.7702	246.4752		0	>50% ND	No Trend
GMW-O-4 (MID)	TPH-g	32	0	0.0%	10	500			128.4375	50	ND (50)	Monday, October 1, 2012		1.0008	128.5429		0	>50% ND	No Trend
GMW-O-5	Benzene	68	2	2.9%	0	1	2	11	0.4868	1	ND (0.5)	Sunday, May 1, 2022	95.5%	2.6846	1.3068	0	-95	---	Decreasing
GMW-O-5	Methyl tert-butyl ether (MTBE)	66	1	1.5%	0	10	15	15	1.0803	1	ND (0.5)	Sunday, May 1, 2022	96.7%	2.1157	2.2856		-53	>50% ND	No Trend
GMW-O-5	TPH-d	29	0	0.0%	50	1000			146.5517	50	ND (50)	Sunday, May 1, 2022		1.5499	227.1449		0	>50% ND	No Trend
GMW-O-5	TPH-g	64	0	0.0%	10	500			132.1875	50	ND (50)	Sunday, May 1, 2022		1.0106	133.5887		0	>50% ND	No Trend
GMW-O-6	Benzene	28	0	0.0%	0	1			0.5143	1	ND (0.5)	Sunday, April 1, 2012		0.2933	0.1508		0	>50% ND	No Trend
GMW-O-6	Methyl tert-butyl ether (MTBE)	26	1	3.9%	0	10	2	2	1.6231	1	ND (0.5)	Sunday, April 1, 2012	73.7%	1.4617	2.3724		-1	>50% ND	No Trend
GMW-O-6	TPH-d	5	0	0.0%	50	500			330	500	ND (50)	Sunday, April 1, 2012		0.7074	233.4524		0	>50% ND	No Trend
GMW-O-6	TPH-g	24	0	0.0%	10	500			160.8333	100	ND (50)	Sunday, April 1, 2012		0.842	135.4194		0	>50% ND	No Trend
GMW-O-7	Benzene	4	0	0.0%	0	0			0.35	0	ND (0.5)	Saturday, May 1, 1999		0.2857	0.1		0	>50% ND	No Trend
GMW-O-7	Methyl tert-butyl ether (MTBE)	2	0	0.0%	0	0			0.4	0	ND (0.5)	Saturday, May 1, 1999		0.3536	0.1414		IS	IS	
GMW-O-7	TPH-d	1	0	0.0%	500	500			500	500	ND (500)	Saturday, May 1, 1999					IS	IS	
GMW-O-7	TPH-g	4	0	0.0%	10	500			177.5	100	ND (500)	Saturday, May 1, 1999		1.2346	219.1461		0	>50% ND	No Trend
GMW-O-8	Benzene	29	0	0.0%	0	1			0.5138	1	ND (0.5)	Monday, October 1, 2012		0.2883	0.1481		0	>50% ND	No Trend
GMW-O-8	Methyl tert-butyl ether (MTBE)	26	1	3.9%	0	10	2	2	1.1231	1	ND (0.5)	Monday, October 1, 2012	79.2%	1.8188	2.0426		-17	>50% ND	No Trend
GMW-O-8	TPH-d	3	0	0.0%	50	100			66.6667	50	ND (50)	Monday, October 1, 2012		0.433	28.8675		IS	IS	
GMW-O-8	TPH-g	25	0	0.0%	10	300			64.4	50	ND (50)	Monday, October 1, 2012		0.8169	52.6054		0	>50% ND	No Trend
GMW-O-9	Benzene	61	2	3.3%	0	3	1	3	0.3593	1	ND (0.5)	Sunday, May 1, 2022	83.3%	1.0017	0.3599		-19	>50% ND	No Trend
GMW-O-9	Methyl tert-butyl ether (MTBE)	59	1	1.7%	0	10	18	18	1.2712	1	ND (0.5)	Sunday, May 1, 2022	97.2%	2.1733	2.7626	0	-58	---	Decreasing
GMW-O-9	TPH-d	28	1	3.6%	50	500	59	59	98.5357	50	ND (50)	Sunday, May 1, 2022	15.3%	1.4374	141.6335		-1	>50% ND	No Trend
GMW-O-9	TPH-g	57	1	1.8%	10	500	130	130	97.193	50	ND (50)	Sunday, May 1, 2022	61.5%	1.0593	102.952	0	-56	---	Decreasing
GMW-SF-10	Benzene	7	0	0.0%	0	0			0.5	1	ND (0.5)	Monday, October 1, 2012		0	0		0	>50% ND	No Trend
GMW-SF-10	Methyl tert-butyl ether (MTBE)	7	2	28.6%	0	0	120	210	47.5	1	ND (0.5)	Monday, October 1, 2012	99.8%	1.6444	78.1094		-11	>50% ND	No Trend
GMW-SF-10	TPH-d	2	0	0.0%	50	50			50	50	ND (50)	Monday, October 1, 2012		0	0		IS	IS	
GMW-SF-10	TPH-g	7	2	28.6%	50	50	90	100	62.8571	50	ND (50)	Monday, October 1, 2012	50.0%	0.3262	20.5039		-9	>50% ND	No Trend
GMW-SF-7	Benzene	66	2	3.0%	0	1	1	1	0.5149	1	ND (0.5)	Sunday, May 1, 2022	50.0%	0.1617	0.0832	0	-99	---	Decreasing
GMW-SF-7	Methyl tert-butyl ether (MTBE)	66	10	15.2%	0	10	1	680	19.6959	1	ND (0.5)	Sunday, May 1, 2022	99.9%	4.8148	94.8318	0	-323	---	Decreasing

Appendix C. Statistical Analysis Summary Data
SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
GMW-SF-7	TPH-d	26	0	0.0%	50	10000			484.6154	50	ND (50)	Sunday, May 1, 2022		4.0161	1946.2666		0	>50% ND	No Trend
GMW-SF-7	TPH-g	63	3	4.8%	50	500	220	550	66.1474	50	ND (50)	Sunday, May 1, 2022	90.9%	1.1457	75.7829		-91	>50% ND	No Trend
GMW-SF-8	Benzene	63	2	3.2%	0	1	4	4	0.6206	1	ND (0.5)	Sunday, May 1, 2022	88.9%	1.075	0.6672	0	-109	---	Decreasing
GMW-SF-8	Methyl tert-butyl ether (MTBE)	63	17	27.0%	0	10	1	920	51.4659	1	ND (0.5)	Sunday, May 1, 2022	99.9%	3.2398	166.7397	0	-782	---	Decreasing
GMW-SF-8	TPH-d	27	0	0.0%	50	10000			485.1852	50	ND (50)	Sunday, May 1, 2022		3.9335	1908.4738		0	>50% ND	No Trend
GMW-SF-8	TPH-g	62	1	1.6%	50	500	660	660	113.871	50	ND (50)	Sunday, May 1, 2022	92.4%	1.1775	134.0829		-45	>50% ND	No Trend
GMW-SF-9	Benzene	8	1	12.5%	0	0	2	2	0.625	1	ND (0.5)	Monday, October 1, 2012	66.7%	0.5657	0.3536		3	>50% ND	No Trend
GMW-SF-9	Methyl tert-butyl ether (MTBE)	8	2	25.0%	0	0	9	14	3.275	1	ND (0.5)	Monday, October 1, 2012	96.4%	1.5127	4.954		-11	>50% ND	No Trend
GMW-SF-9	TPH-d	2	0	0.0%	50	50			50	50	ND (50)	Monday, October 1, 2012		0	0			IS	IS
GMW-SF-9	TPH-g	8	1	12.5%	50	100	79	79	59.875	50	ND (50)	Monday, October 1, 2012	36.7%	0.3194	19.1269		-5	>50% ND	No Trend
GW-1	Benzene	6	1	16.7%	0	0	2	2	0.8	1	ND (0.5)	Saturday, April 1, 2017	78.3%	0.9186	0.7348		1	>50% ND	No Trend
GW-1	Methyl tert-butyl ether (MTBE)	6	1	16.7%	0	2	2	2	1.4667	2	ND (1)	Saturday, April 1, 2017	56.5%	0.4948	0.7257		-5	>50% ND	No Trend
GW-1	TPH-d	4	0	0.0%	100	100			100	100	ND (100)	Saturday, April 1, 2017		0	0		0	>50% ND	No Trend
GW-1	TPH-g	6	0	0.0%	100	100			100	100	ND (100)	Saturday, April 1, 2017		0	0		0	>50% ND	No Trend
GW-13(1")	Benzene	1	0	0.0%	0	0			0.5	1	ND (0.5)	Thursday, November 1, 2007						IS	IS
GW-13(1")	Methyl tert-butyl ether (MTBE)	1	1	100.0%			4	4	3.5	4	3.5	Thursday, November 1, 2007	0.0%					IS	IS
GW-13(6")	Benzene	28	2	7.1%	0	0	1	9	0.8204	1	ND (0.5)	Sunday, May 1, 2022	94.7%	2.0128	1.6512		-1	>50% ND	No Trend
GW-13(6")	Methyl tert-butyl ether (MTBE)	28	15	53.6%	1	2	1	12	2.8342	2	ND (1.2)	Sunday, May 1, 2022	90.0%	1.1761	3.3333	-0.3139	-199	---	Decreasing
GW-13(6")	TPH-d	19	5	26.3%	100	100	150	430	141.5789	100	ND (100)	Sunday, May 1, 2022	76.7%	0.6591	93.3168		26	>50% ND	No Trend
GW-13(6")	TPH-g	24	2	8.3%	100	100	230	1500	163.75	100	ND (100)	Sunday, May 1, 2022	93.3%	1.7089	279.8335		-29	>50% ND	No Trend
GW-14(1")	Benzene	4	3	75.0%	0	0	35	78	43.875	49	62	Friday, January 1, 2010	20.5%	0.6697	29.3819		0	Stable	No Trend
GW-14(1")	Methyl tert-butyl ether (MTBE)	4	3	75.0%	0	0	17	18	13.375	18	17	Friday, January 1, 2010	5.6%	0.5566	7.4446		-3	Stable	No Trend
GW-14(1")	TPH-g	3	3	100.0%			110	950	653.3333	900	950	Friday, January 1, 2010	0.0%	0.7212	471.2041			IS	IS
GW-14(6")	Benzene	10	10	100.0%			18	200	69.2	44	160	Wednesday, October 1, 2014	20.0%	0.8955	61.9674		-5	Stable	No Trend
GW-14(6")	Methyl tert-butyl ether (MTBE)	10	10	100.0%			8	39	16.87	15	20	Wednesday, October 1, 2014	48.7%	0.5329	8.9909		-12	Stable	No Trend
GW-14(6")	TPH-d	4	4	100.0%			3200	8000	4850	4100	3200	Wednesday, October 1, 2014	60.0%	0.4572	2217.3558		-2	Stable	No Trend
GW-14(6")	TPH-g	7	7	100.0%			690	2400	1544.2857	1700	1700	Wednesday, October 1, 2014	29.2%	0.3872	597.8812		8	Stable	No Trend
GW-14R	Benzene	3	2	66.7%	0	0	2	8	3.3	2	ND (0.5)	Sunday, May 1, 2022	93.3%	0.9165	3.0243			IS	IS
GW-14R	Methyl tert-butyl ether (MTBE)	3	1	33.3%	1	1	1	1	1.2333	1	ND (1.2)	Sunday, May 1, 2022	7.7%	0.0468	0.0577			IS	IS
GW-14R	TPH-d	3	3	100.0%			300	8100	3400	1800	300	Sunday, May 1, 2022	96.3%	1.2173	4138.8404			IS	IS
GW-14R	TPH-g	3	2	66.7%	100	100	140	1400	546.6667	140	ND (100)	Sunday, May 1, 2022	92.9%	1.1042	603.6187			IS	IS
GW-15(6")	Benzene	15	9	60.0%	0	0	11	2700	406.9333	50	ND (0.5)	Sunday, May 1, 2022	100.0%	1.6989	691.3321	-78.0716	-74	---	Decreasing
GW-15(6")	Methyl tert-butyl ether (MTBE)	15	0	0.0%	0	40			8.3133	1	ND (1.2)	Sunday, May 1, 2022		1.6072	13.361		0	>50% ND	No Trend
GW-15(6")	TPH-d	14	11	78.6%	100	100	120	38000	6081.4286	355	160	Sunday, May 1, 2022	99.6%	1.8079	10994.645	-327.1616	-48	---	Decreasing
GW-15(6")	TPH-g	15	8	53.3%	100	100	190	32000	4461.3333	190	ND (100)	Sunday, May 1, 2022	99.7%	1.8214	8125.7753	-624.0241	-74	---	Decreasing
GW-16(6")	Benzene	23	6	26.1%	0	0	1	58	3.6174	1	ND (0.5)	Sunday, May 1, 2022	99.1%	3.2344	11.7001		-41	>50% ND	No Trend
GW-16(6")	Methyl tert-butyl ether (MTBE)	23	0	0.0%	0	2			1.0304	1	ND (1.2)	Sunday, May 1, 2022		0.4612	0.4752		0	>50% ND	No Trend
GW-16(6")	TPH-d	18	5	27.8%	98	100	140	1300	188.5556	100	230	Sunday, May 1, 2022	82.3%	1.4562	274.5799		-3	>50% ND	No Trend
GW-16(6")	TPH-g	22	2	9.1%	100	100	100	2500	209.0909	100	ND (100)	Sunday, May 1, 2022	96.0%	2.3909	499.9173		-15	>50% ND	No Trend
GW-2	Benzene	23	5	21.7%	0	0	1	31	2.8261	1	ND (0.5)	Sunday, May 1, 2022	98.4%	2.4753	6.9954	0	-70	---	Decreasing
GW-2	Methyl tert-butyl ether (MTBE)	23	8	34.8%	1	2	1	3	0.8426	1	ND (1.2)	Sunday, May 1, 2022	64.7%	0.7587	0.6392	-0.0341	-110	---	Decreasing
GW-2	TPH-d	19	11	57.9%	95	100	130	320	162.6316	160	320	Sunday, May 1, 2022	0.0%	0.4375	71.1442	20.6517	80	---	Increasing
GW-2	TPH-g	22	2	9.1%	100	100	180	1800	180.9091	100	ND (100)	Sunday, May 1, 2022	94.4%	1.9552	353.7065		-27	>50% ND	No Trend
GW-3	Benzene	35	2	5.7%	0	0	1	2	0.5686	1	ND (0.5)	Sunday, May 1, 2022	79.2%	0.5715	0.3249		23	>50% ND	No Trend
GW-3	Methyl tert-butyl ether (MTBE)	35	2	5.7%	0	2	1	3	0.5936	1	ND (1.2)	Sunday, May 1, 2022	58.6%	0.7064	0.4194		-63	>50% ND	No Trend
GW-3	TPH-d	20	8	40.0%	95	100	100	290	125.5	100	ND (100)	Sunday, May 1, 2022	65.5%	0.4216	52.9127		16	>50% ND	No Trend
GW-3	TPH-g	18	0	0.0%	100	100			100	100	ND (100)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend
GW-4	Benzene	3	0	0.0%	0	0			0.5	1	ND (0.5)	Saturday, October 1, 2016		0	0			IS	IS
GW-4	Methyl tert-butyl ether (MTBE)	3	1	33.3%	1	2	3	3	1.9667	2	ND (1)	Saturday, October 1, 2016	65.5%	0.4833	0.9504			IS	IS
GW-4	TPH-d	3	3	100.0%			120	4100	1510	310	120	Saturday, October 1, 2016	97.1%	1.4868	2245.0167			IS	IS
GW-4	TPH-g	3	0	0.0%	100	100			100	100	ND (100)	Saturday, October 1, 2016		0	0			IS	IS
GW-6	Benzene	42	6	14.3%	0	0	1	90	4.4143	1	ND (0.5)	Sunday, May 1, 2022	99.4%	3.7056	16.3577	0	-223	---	Decreasing
GW-6	Methyl tert-butyl ether (MTBE)	42	20	47.6%	0	2	1	23	3.0137	1	ND (1.2)	Sunday, May 1, 2022	94.8%	2.0034	6.0377		-76	>50% ND	No Trend
GW-6	TPH-d	17	9	52.9%	95	100	110	410	147.6471	110	ND (100)	Sunday, May 1, 2022	75.6%	0.552	81.4955		-29	Stable	No Trend

Appendix C. Statistical Analysis Summary Data
SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																				
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND	
GW-6	TPH-g	24	2	8.3%	100	300	339	690	134.5417	100	ND (100)	Sunday, May 1, 2022	85.5%	0.931	125.264		-41	>50% ND	No Trend	
GW-7	Benzene	4	0	0.0%	0	0			0.5	1	ND (0.5)	Saturday, April 1, 2017		0	0		0	>50% ND	No Trend	
GW-7	Methyl tert-butyl ether (MTBE)	4	1	25.0%	1	2	2	2	1.45	1	ND (1)	Saturday, April 1, 2017	44.4%	0.3628	0.526		-3	>50% ND	No Trend	
GW-7	TPH-d	3	2	66.7%	100	100	120	270	163.3333	120	270	Saturday, April 1, 2017	0.0%	0.4645	75.8654			IS	IS	
GW-7	TPH-g	4	0	0.0%	100	300			150	100	ND (100)	Saturday, April 1, 2017		0.6667	100		0	>50% ND	No Trend	
GW-8	Benzene	17	0	0.0%	0	0			0.5	1	ND (0.5)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend	
GW-8	Methyl tert-butyl ether (MTBE)	17	0	0.0%	0	2			1.1882	1	ND (1.2)	Sunday, May 1, 2022		0.3727	0.4428		0	>50% ND	No Trend	
GW-8	TPH-d	17	11	64.7%	100	100	100	210	131.1765	110	210	Sunday, May 1, 2022	0.0%	0.2815	36.9232		-22	Stable	No Trend	
GW-8	TPH-g	17	0	0.0%	100	100			100	100	ND (100)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend	
GWR-1	Benzene	29	25	86.2%	0	2	3	3000	691.3414	260	ND (0.5)	Wednesday, October 1, 2014	100.0%	1.0916	754.637	-21.0211	-115	---	Decreasing	
GWR-1	Methyl tert-butyl ether (MTBE)	29	29	100.0%			3	4000	682.6517	31	8.9	Wednesday, October 1, 2014	99.8%	1.5224	1039.2812	-46.6793	-225	---	Decreasing	
GWR-1	TPH-d	9	8	88.9%	500	500	90	1000	420.2222	330	1000	Wednesday, October 1, 2014	0.0%	0.7395	310.7517		-2	Stable	No Trend	
GWR-1	TPH-g	28	25	89.3%	100	500	130	16000	2671.6369	1650	ND (100)	Wednesday, October 1, 2014	99.4%	1.1959	3194.9962	-140.3461	-130	---	Decreasing	
GWR-1R	Benzene	11	0	0.0%	0	0			0.5	1	ND (0.5)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend	
GWR-1R	Methyl tert-butyl ether (MTBE)	11	1	9.1%	0	1	1	1	0.5473	1	ND (0.5)	Sunday, May 1, 2022	3.8%	0.2746	0.1503		-4	>50% ND	No Trend	
GWR-1R	TPH-d	11	3	27.3%	50	50	52	250	68.8182	50	ND (50)	Sunday, May 1, 2022	80.0%	0.8328	57.3138		-17	>50% ND	No Trend	
GWR-1R	TPH-g	11	0	0.0%	50	100			54.5455	50	ND (50)	Sunday, May 1, 2022		0.2764	15.0756		0	>50% ND	No Trend	
GWR-2	TPH-g	1	1	100.0%			610	610	610	610	610	Saturday, January 1, 1994	0.0%					IS	IS	
GWR-3	Benzene	3	3	100.0%			9100	11000	10033.333	10000	9100	Saturday, October 1, 2011	17.3%	0.0947	950.4385			IS	IS	
GWR-3	Methyl tert-butyl ether (MTBE)	3	3	100.0%			280	400	326.6667	300	280	Saturday, October 1, 2011	30.0%	0.1968	64.291			IS	IS	
GWR-3	TPH-g	3	2	66.7%	20000	20000	21000	25000	22000	21000	ND (20000)	Saturday, October 1, 2011	20.0%	0.0982	2160.2469			IS	IS	
HL-1	Benzene	2	1	50.0%	0	0	540	540	270.15	270	ND (0.3)	Friday, April 1, 1994	99.9%	1.4126	381.6255			IS	IS	
HL-1	Methyl tert-butyl ether (MTBE)	1	0	0.0%	10	10			10	10	ND (10)	Friday, April 1, 1994						IS	IS	
HL-1	TPH-g	1	0	0.0%	10	10			10	10	ND (10)	Friday, April 1, 1994						IS	IS	
HL-2	Benzene	61	10	16.4%	0	1	1	2600	99.8371	1	ND (0.5)	Sunday, May 1, 2022	100.0%	4.2024	419.5561	0	-387	---	Decreasing	
HL-2	Methyl tert-butyl ether (MTBE)	55	25	45.5%	0	1	1	3000	150.9349	1	ND (0.5)	Sunday, May 1, 2022	100.0%	3.4481	520.4338	-0.1325	-826	---	Decreasing	
HL-2	TPH-d	27	5	18.5%	50	500	52	530	78.3122	50	ND (50)	Sunday, May 1, 2022	90.6%	1.2579	98.5091		12	>50% ND	No Trend	
HL-2	TPH-g	55	6	10.9%	50	500	29	1400	73.9046	50	ND (50)	Sunday, May 1, 2022	96.4%	2.6519	195.9848	0	-231	---	Decreasing	
HL-3	Benzene	40	5	12.5%	0	0	0	200	9.005	1	ND (0.5)	Sunday, May 1, 2022	99.8%	4.1694	37.5451		-127	>50% ND	No Trend	
HL-3	Methyl tert-butyl ether (MTBE)	34	11	32.4%	0	0	1	110	14.4109	1	ND (0.5)	Sunday, May 1, 2022	99.5%	2.1555	31.063	0	-204	---	Decreasing	
HL-3	TPH-d	25	6	24.0%	50	100	60	130	60.6	50	65	Sunday, May 1, 2022	50.0%	0.3817	23.1319		-12	>50% ND	No Trend	
HL-3	TPH-g	39	5	12.8%	50	300	80	700	73.1808	50	ND (50)	Sunday, May 1, 2022	92.9%	1.4149	103.5454		-89	>50% ND	No Trend	
HL-4	Benzene	24	21	87.5%	0	10	2	1100	194.7552	47	54	Monday, November 1, 2004	95.1%	1.6171	314.9358	4.2109	76	---	Increasing	
HL-4	Methyl tert-butyl ether (MTBE)	18	18	100.0%			13	3300	1199.8333	1015	13	Monday, November 1, 2004	99.6%	0.7673	920.6259		-37	Stable	No Trend	
HL-4	TPH-d	6	1	16.7%	100	500	660	660	326.6667	300	ND (500)	Saturday, May 1, 1999	24.2%	0.7809	255.0817		3	>50% ND	No Trend	
HL-4	TPH-g	21	17	81.0%	50	300	200	2800	971.619	690	200	Monday, November 1, 2004	92.9%	0.859	834.6304		36	Stable	No Trend	
HL-5	Benzene	5	4	80.0%	5	5	540	2000	935	830	1300	Saturday, January 1, 1994	35.0%	0.7253	678.1445		6	Stable	No Trend	
HL-5	TPH-d	3	1	33.3%	100	100	3200	3200	1133.3333	100	3200	Tuesday, July 1, 1997	0.0%	1.5792	1789.7858			IS	IS	
HL-5	TPH-g	5	4	80.0%	100	100	950	4000	2110	2100	950	Tuesday, July 1, 1997	76.3%	0.6908	1457.5322		0	Stable	No Trend	
HP-1	Benzene	1	0	0.0%	5	5			5	5	ND (5)	Friday, August 1, 1997						IS	IS	
HP-1	Methyl tert-butyl ether (MTBE)	1	0	0.0%	5	5			5	5	ND (5)	Friday, August 1, 1997						IS	IS	
HP-2	Benzene	1	0	0.0%	5	5			5	5	ND (5)	Friday, August 1, 1997						IS	IS	
HP-2	Methyl tert-butyl ether (MTBE)	1	0	0.0%	5	5			5	5	ND (5)	Friday, August 1, 1997						IS	IS	
HP-3	Benzene	1	0	0.0%	5	5			5	5	ND (5)	Friday, August 1, 1997						IS	IS	
HP-3	Methyl tert-butyl ether (MTBE)	1	0	0.0%	5	5			5	5	ND (5)	Friday, August 1, 1997						IS	IS	
HP-6	Benzene	1	0	0.0%	5	5			5	5	ND (5)	Friday, August 1, 1997						IS	IS	
HP-6	Methyl tert-butyl ether (MTBE)	1	0	0.0%	5	5			5	5	ND (5)	Friday, August 1, 1997						IS	IS	
HP-8	Benzene	1	1	100.0%			11000	11000	11000	11000	11000	Friday, August 1, 1997	0.0%						IS	IS
HP-8	Methyl tert-butyl ether (MTBE)	1	0	0.0%	500	500			500	500	ND (500)	Friday, August 1, 1997						IS	IS	
MW-10	Benzene	21	3	14.3%	0	1	4	11	1.2952	1	ND (0.5)	Friday, April 1, 2016	95.5%	2.0691	2.68		-35	>50% ND	No Trend	
MW-10	Methyl tert-butyl ether (MTBE)	5	0	0.0%	1	5			4.2	5	ND (1)	Friday, April 1, 2016		0.4259	1.7889		0	>50% ND	No Trend	
MW-10	TPH-d	8	1	12.5%	100	500	170	170	158.75	100	ND (100)	Friday, April 1, 2016	41.2%	0.8822	140.0446		3	>50% ND	No Trend	
MW-10	TPH-g	17	0	0.0%	38	500			219.8824	300	ND (100)	Friday, April 1, 2016		0.6065	133.3519		0	>50% ND	No Trend	
MW-11	Benzene	23	10	43.5%	0	0	0	3200	148.2848	1	ND (0.5)	Sunday, July 1, 2012	100.0%	4.3915	651.1994	0	-73	---	Decreasing	

Appendix C. Statistical Analysis Summary Data
 SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
MW-11	Methyl tert-butyl ether (MTBE)	22	15	68.2%	0	5	4	43	10.8073	8	ND (0.5)	Sunday, July 1, 2012	98.8%	1.0284	11.114		-6	Not Stable	No Trend
MW-11	TPH-d	2	0	0.0%	100	10000			5050	5050	ND (10000)	Saturday, June 1, 1991		1.3862	7000.3571			IS	IS
MW-11	TPH-g	7	2	28.6%	300	50000	220	900	333.3333	300	220	Sunday, April 1, 2012	75.6%	0.7603	253.421		-1	>50% ND	No Trend
MW-12	Benzene	58	5	8.6%	0	1	0	1	0.3882	1	ND (0.5)	Sunday, May 1, 2022	61.5%	0.4492	0.1744	0	-211	---	Decreasing
MW-12	Methyl tert-butyl ether (MTBE)	52	0	0.0%	0	10			0.7788	1	ND (0.5)	Sunday, May 1, 2022		1.8572	1.4465		0	>50% ND	No Trend
MW-12	TPH-d	26	6	23.1%	50	500	61	120	60.9576	56	94	Sunday, May 1, 2022	21.7%	0.3475	21.1833	0	101	---	Increasing
MW-12	TPH-g	54	1	1.9%	50	500	220	220	105.9259	50	ND (50)	Sunday, May 1, 2022	77.3%	1.0313	109.243		-45	>50% ND	No Trend
MW-13	Benzene	59	2	3.4%	0	1	1	1	0.3169	1	ND (0.5)	Sunday, May 1, 2022	47.4%	0.2973	0.0942		65	>50% ND	No Trend
MW-13	Methyl tert-butyl ether (MTBE)	44	1	2.3%	0	5	14	14	1.3	1	ND (1.2)	Sunday, May 1, 2022	91.4%	1.6848	2.1903		-39	>50% ND	No Trend
MW-13	TPH-d	25	11	44.0%	50	500	97	330	120.7917	100	310	Sunday, May 1, 2022	6.1%	0.6655	80.3866	0	84	---	Increasing
MW-13	TPH-g	36	1	2.8%	50	500	1100	1100	191.6667	100	ND (100)	Sunday, May 1, 2022	90.9%	0.9909	189.9248		-27	>50% ND	No Trend
MW-14	Benzene	71	8	11.3%	0	5	1	107	2.5317	1	ND (0.5)	Saturday, April 1, 2017	99.5%	5.0641	12.8207	0	-190	---	Decreasing
MW-14	Methyl tert-butyl ether (MTBE)	64	58	90.6%	1	10	0	450	24.9935	5	ND (1)	Saturday, April 1, 2017	99.8%	2.5808	64.5031	-1.224	-1216	---	Decreasing
MW-14	TPH-d	16	4	25.0%	100	1000	120	200	116.6667	110	160	Saturday, April 1, 2017	20.0%	0.2603	30.3681		25	>50% ND	No Trend
MW-14	TPH-g	39	6	15.4%	50	500	200	670	124.3208	300	ND (100)	Saturday, April 1, 2017	85.1%	1.1513	143.1246		85	>50% ND	No Trend
MW-15	Benzene	32	8	25.0%	0	2	0	4	0.673	1	ND (2.5)	Wednesday, October 1, 2014	39.0%	1.2338	0.8303	0	-144	---	Decreasing
MW-15	Methyl tert-butyl ether (MTBE)	26	3	11.5%	0	10	1	27	1.5367	1	ND (2.5)	Wednesday, October 1, 2014	90.7%	3.3141	5.0928		-13	>50% ND	No Trend
MW-15	TPH-d	12	7	58.3%	100	500	1600	240000	38991.667	2550	8300	Wednesday, October 1, 2014	96.5%	1.8404	71760.916	524.1059	38	---	Increasing
MW-15	TPH-g	28	17	60.7%	50	500	190	59000	2672.6099	500	590	Wednesday, October 1, 2014	99.0%	4.0622	10856.705	35.3497	149	---	Increasing
MW-15R	Benzene	11	0	0.0%	0	0			0.5	1	ND (0.5)	Sunday, May 1, 2022		0	0		0	>50% ND	No Trend
MW-15R	Methyl tert-butyl ether (MTBE)	11	2	18.2%	0	0	1	1	0.5291	1	ND (0.5)	Sunday, May 1, 2022	34.2%	0.1418	0.075		-13	>50% ND	No Trend
MW-15R	TPH-d	11	8	72.7%	50	50	52	220	104	60	140	Sunday, May 1, 2022	36.4%	0.6377	66.3174		-8	Stable	No Trend
MW-15R	TPH-g	11	5	45.5%	50	100	53	130	63.3333	53	ND (50)	Sunday, May 1, 2022	61.5%	0.3625	22.958		6	>50% ND	No Trend
MW-16	Benzene	65	7	10.8%	0	5	0	3	0.5918	1	ND (0.5)	Sunday, May 1, 2022	80.8%	0.6117	0.3621	0	-181	---	Decreasing
MW-16	Methyl tert-butyl ether (MTBE)	58	13	22.4%	0	5	3	260	18.0838	1	ND (1.2)	Sunday, May 1, 2022	99.5%	2.7261	49.2978	0	-387	---	Decreasing
MW-16	TPH-d	23	3	13.0%	50	500	100	240	63.6364	100	ND (100)	Sunday, May 1, 2022	58.3%	0.654	41.6201		23	>50% ND	No Trend
MW-16	TPH-g	39	2	5.1%	50	500	50	51	50.1111	100	ND (100)	Sunday, May 1, 2022		0.0063	0.3143		-33	>50% ND	No Trend
MW-17	Benzene	60	0	0.0%	0	5			0.6517	1	ND (0.5)	Sunday, May 1, 2022		1.2548	0.8177		0	>50% ND	No Trend
MW-17	Methyl tert-butyl ether (MTBE)	53	1	1.9%	0	10	0	0	1.0132	1	ND (1.2)	Sunday, May 1, 2022		1.4255	1.4444		-38	>50% ND	No Trend
MW-17	TPH-d	25	3	12.0%	50	500	110	230	62.5	100	ND (100)	Sunday, May 1, 2022	56.5%	0.6184	38.6491		10	>50% ND	No Trend
MW-17	TPH-g	35	2	5.7%	50	500	45	130	48.5417	100	ND (100)	Sunday, May 1, 2022	23.1%	0.3499	16.9852		-19	>50% ND	No Trend
MW-18 (MID)	Benzene	28	12	42.9%	0	1	1	3000	301.8679	1	ND (0.5)	Sunday, May 1, 2022	100.0%	2.388	720.851	-2.8895	-178	---	Decreasing
MW-18 (MID)	Methyl tert-butyl ether (MTBE)	24	21	87.5%	0	1	1	640	29.6401	2	0.83	Sunday, May 1, 2022	99.9%	4.2953	127.312		-62	Not Stable	No Trend
MW-18 (MID)	TPH-d	24	18	75.0%	50	500	98	490	197.4545	160	210	Sunday, May 1, 2022	57.1%	0.6373	125.8371		36	Stable	No Trend
MW-18 (MID)	TPH-g	30	12	40.0%	50	200	96	7200	723.5983	100	ND (50)	Sunday, May 1, 2022	99.3%	2.2775	1647.9851	0	-149	---	Decreasing
MW-19 (MID)	Benzene	67	15	22.4%	0	10	1	2700	147.8927	1	ND (0.5)	Sunday, May 1, 2022	100.0%	3.3326	492.8693	0	-629	---	Decreasing
MW-19 (MID)	Methyl tert-butyl ether (MTBE)	63	47	74.6%	0	0	1	3200	370.4441	1	ND (0.5)	Sunday, May 1, 2022	100.0%	1.7925	664.0191	-12.0439	-1279	---	Decreasing
MW-19 (MID)	TPH-d	28	3	10.7%	50	1000	54	77	51.8571	50	ND (50)	Sunday, May 1, 2022	35.1%	0.1142	5.9224		8	>50% ND	No Trend
MW-19 (MID)	TPH-g	63	26	41.3%	50	10000	54	8400	541.5397	61	ND (50)	Sunday, May 1, 2022	99.4%	2.6738	1447.9709	-0.3373	-672	---	Decreasing
MW-20 (MID)	Benzene	59	2	3.4%	0	50	6	14	0.6276	1	ND (0.5)	Sunday, May 1, 2022	96.4%	3.0287	1.9008		-75	>50% ND	No Trend
MW-20 (MID)	Methyl tert-butyl ether (MTBE)	56	56	100.0%			5	1300	38.6964	14	8	Sunday, May 1, 2022	99.4%	4.4422	171.8964	-0.4293	-600	---	Decreasing
MW-20 (MID)	TPH-d	26	2	7.7%	50	500	52	91	52.15	50	ND (50)	Sunday, May 1, 2022	45.1%	0.1711	8.9234		13	>50% ND	No Trend
MW-20 (MID)	TPH-g	56	8	14.3%	50	500	26	97	32.125	50	ND (50)	Sunday, May 1, 2022	48.5%	0.4576	14.7007		-53	>50% ND	No Trend
MW-21 (MID)	Benzene	39	7	18.0%	0	1	0	480	23.8974	1	ND (0.5)	Sunday, May 1, 2022	99.9%	3.6679	87.6527	0	-181	---	Decreasing
MW-21 (MID)	Methyl tert-butyl ether (MTBE)	35	32	91.4%	0	5	1	71	13.6998	1	0.81	Sunday, May 1, 2022	98.9%	1.6882	23.1275	-0.4559	-287	---	Decreasing
MW-21 (MID)	TPH-d	24	18	75.0%	50	100	56	590	116.4524	90	160	Sunday, May 1, 2022	72.9%	0.9902	115.3117		51	Stable	No Trend
MW-21 (MID)	TPH-g	39	10	25.6%	50	500	57	2300	157.1049	62	ND (50)	Sunday, May 1, 2022	97.8%	2.6036	409.0307		-96	>50% ND	No Trend
MW-22 (MID)	Benzene	80	6	7.5%	0	5	0	8	0.5639	1	ND (0.5)	Sunday, May 1, 2022	93.8%	1.6287	0.9183		-147	>50% ND	No Trend
MW-22 (MID)	Methyl tert-butyl ether (MTBE)	75	63	84.0%	0	10	1	30	8.1465	7	ND (1.2)	Sunday, May 1, 2022	96.0%	0.8082	6.5839		-42	Stable	No Trend
MW-22 (MID)	TPH-d	28	16	57.1%	100	1000	100	650	178.1481	150	ND (100)	Sunday, May 1, 2022	84.6%	0.6891	122.758		-27	Stable	No Trend
MW-22 (MID)	TPH-g	46	2	4.4%	50	500	46	180	51.36	100	ND (100)	Sunday, May 1, 2022	44.4%	0.5113	26.2585		-35	>50% ND	No Trend
MW-23 (MID)	Benzene	39	10	25.6%	0	1	0	290	40.8256	1	ND (0.5)	Monday, April 1, 2013	99.8%	2.0031	81.7791	0	-281	---	Decreasing
MW-23 (MID)	Methyl tert-butyl ether (MTBE)	26	6	23.1%	0	10	1	10	2.2196	5	2.9	Monday, April 1, 2013	71.0%	1.1823	2.6243	0	122	---	Increasing
MW-23 (MID)	TPH-d	6	2	33.3%	100	500	970	4800	1028.3333	375	4800	Monday, April 1, 2013	0.0%	1.6691	1716.3956		7	>50% ND	No Trend

Appendix C. Statistical Analysis Summary Data
SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
MW-23 (MID)	TPH-g	14	2	14.3%	250	500	140	1400	230	300	ND (300)	Tuesday, October 1, 2002	78.6%	1.4109	324.4996		-17	>50% ND	No Trend
MW-24	Benzene	58	5	8.6%	0	5	1	93	2.2849	1	ND (0.5)	Sunday, May 1, 2022	99.5%	5.3275	12.1729	0	-122	---	Decreasing
MW-24	Methyl tert-butyl ether (MTBE)	51	9	17.7%	0	10	1	3	0.6613	1	ND (1.2)	Sunday, May 1, 2022	53.8%	0.6276	0.415	0	204	---	Increasing
MW-24	TPH-d	24	12	50.0%	100	500	100	1400	261.0417	105	ND (100)	Sunday, May 1, 2022	92.9%	1.3205	344.7078		9	Not Stable	No Trend
MW-24	TPH-g	32	3	9.4%	50	300	92	700	91.994	100	ND (100)	Sunday, May 1, 2022	85.7%	1.2089	111.2147		-66	>50% ND	No Trend
MW-25	Benzene	43	2	4.7%	0	5	1	2	0.3585	1	ND (0.5)	Friday, November 1, 2019	76.2%	0.8102	0.2905		-55	>50% ND	No Trend
MW-25	Methyl tert-butyl ether (MTBE)	38	29	76.3%	0	10	0	14	3.531	3	ND (1.2)	Friday, November 1, 2019	91.4%	1.0034	3.5431		-38	Not Stable	No Trend
MW-25	TPH-d	9	1	11.1%	100	500	660	660	251.1111	100	ND (100)	Friday, November 1, 2019	84.8%	0.9212	231.3247		0	>50% ND	No Trend
MW-25	TPH-g	19	0	0.0%	50	500			250	300	ND (100)	Friday, November 1, 2019		0.5497	137.4369		0	>50% ND	No Trend
MW-26	Benzene	57	23	40.4%	0	5	0	3000	169.5979	1	ND (0.5)	Sunday, May 1, 2022	100.0%	3.1541	534.9265		-205	>50% ND	No Trend
MW-26	Methyl tert-butyl ether (MTBE)	51	30	58.8%	0	2	1	407	39.73	1	ND (1.2)	Sunday, May 1, 2022	99.7%	2.3172	92.0612	-0.3274	-685	---	Decreasing
MW-26	TPH-d	25	15	60.0%	100	500	100	990	297.0947	230	ND (100)	Sunday, May 1, 2022	89.9%	0.9027	268.1869		-43	Stable	No Trend
MW-26	TPH-g	34	16	47.1%	50	500	130	8400	1141.3278	265	ND (100)	Sunday, May 1, 2022	98.8%	1.9605	2237.6048	0	-114	---	Decreasing
MW-27	Benzene	59	20	33.9%	0	0	1	3400	288.0932	1	ND (0.5)	Sunday, May 1, 2022	100.0%	2.5496	734.5209	0	-692	---	Decreasing
MW-27	Methyl tert-butyl ether (MTBE)	51	30	58.8%	0	10	1	170	11.4657	1	ND (1.2)	Sunday, May 1, 2022	99.3%	2.6165	30.0007	0	-211	---	Decreasing
MW-27	TPH-d	25	19	76.0%	100	500	130	520	220.7304	160	380	Sunday, May 1, 2022	26.9%	0.5365	118.4134	4.0737	93	---	Increasing
MW-27	TPH-g	34	4	11.8%	50	300	300	7200	321.1765	100	ND (100)	Sunday, May 1, 2022	98.6%	3.8105	1223.8338		-78	>50% ND	No Trend
MW-28	Benzene	20	6	30.0%	0	5	0	19	1.5392	1	ND (0.5)	Saturday, April 1, 2017	97.4%	2.6306	4.0489	0	-64	---	Decreasing
MW-28	Methyl tert-butyl ether (MTBE)	9	0	0.0%	0	5			3.7222	5	ND (1)	Saturday, April 1, 2017		0.525	1.9543		0	>50% ND	No Trend
MW-28	TPH-d	8	3	37.5%	100	500	170	2200	419.375	135	170	Saturday, April 1, 2017	92.3%	1.6258	681.8339		10	>50% ND	No Trend
MW-28	TPH-g	17	3	17.7%	50	500	220	1500	180.8471	300	ND (100)	Saturday, April 1, 2017	93.3%	1.8797	339.933		-9	>50% ND	No Trend
MW-29	Benzene	33	16	48.5%	0	0	0	1300	135.5236	1	ND (0.5)	Sunday, May 1, 2022	100.0%	2.3394	317.0433	-4.1946	-336	---	Decreasing
MW-29	Methyl tert-butyl ether (MTBE)	24	1	4.2%	0	5	8	8	1.8958	1	ND (1.2)	Sunday, May 1, 2022	85.5%	1.0216	1.9367		-19	>50% ND	No Trend
MW-29	TPH-d	22	15	68.2%	100	200	100	3300	828.7374	250	100	Sunday, May 1, 2022	97.0%	1.3832	1146.3468	-59.8143	-78	---	Decreasing
MW-29	TPH-g	30	14	46.7%	100	4000	120	84700	4481.1744	210	ND (100)	Sunday, May 1, 2022	99.9%	3.5157	15754.423	-63.4506	-229	---	Decreasing
MW-6	Benzene	58	1	1.7%	0	2	5	5	0.6052	1	ND (0.5)	Sunday, May 1, 2022	89.6%	1.024	0.6197		-37	>50% ND	No Trend
MW-6	Methyl tert-butyl ether (MTBE)	53	47	88.7%	0	0	1	120	13.5026	3	ND (0.5)	Sunday, May 1, 2022	99.6%	2.0293	27.4009	-0.4111	-889	---	Decreasing
MW-6	TPH-d	28	4	14.3%	50	500	51	94	53.0952	50	94	Sunday, May 1, 2022	0.0%	0.1853	9.8411	0	88	---	Increasing
MW-6	TPH-g	57	2	3.5%	50	500	89	130	52.6564	50	ND (50)	Sunday, May 1, 2022	61.5%	0.2449	12.8969		-59	>50% ND	No Trend
MW-7	Benzene	59	12	20.3%	0	5	1	1900	60.4412	1	ND (0.5)	Sunday, May 1, 2022	100.0%	4.5425	274.5553	0	-534	---	Decreasing
MW-7	Methyl tert-butyl ether (MTBE)	53	27	50.9%	0	0	1	1000	125.9711	1	ND (0.5)	Sunday, May 1, 2022	100.0%	2.158	271.8493	-0.1398	-944	---	Decreasing
MW-7	TPH-d	28	0	0.0%	50	500			105.3571	50	ND (50)	Sunday, May 1, 2022		1.3319	140.3298		0	>50% ND	No Trend
MW-7	TPH-g	57	13	22.8%	50	500	57	5800	267.4687	50	ND (50)	Sunday, May 1, 2022	99.1%	3.4298	917.3741	0	-441	---	Decreasing
MW-8	Benzene	73	9	12.3%	0	10	2	4400	75.6529	1	ND (0.5)	Sunday, May 1, 2022	100.0%	6.8084	515.0728	0	-476	---	Decreasing
MW-8	Methyl tert-butyl ether (MTBE)	68	44	64.7%	0	10	1	26000	700.1435	1	ND (0.5)	Sunday, May 1, 2022	100.0%	4.8459	3392.8406	-0.4064	-1351	---	Decreasing
MW-8	TPH-d	27	2	7.4%	50	500	59	520	67.8201	50	ND (50)	Sunday, May 1, 2022	90.4%	1.3079	88.6997		1	>50% ND	No Trend
MW-8	TPH-g	70	12	17.1%	50	500	79	2100	168.6788	50	ND (50)	Sunday, May 1, 2022	97.6%	2.2721	383.2514	0	-362	---	Decreasing
MW-9	Benzene	46	31	67.4%	0	5	1	69	11.6948	5	ND (0.5)	Sunday, May 1, 2022	99.3%	1.2453	14.5631	-0.6445	-492	---	Decreasing
MW-9	Methyl tert-butyl ether (MTBE)	41	27	65.9%	0	10	1	160	20.7725	5	ND (0.5)	Sunday, May 1, 2022	99.7%	2.0616	42.8237	-0.3797	-230	---	Decreasing
MW-9	TPH-d	28	22	78.6%	50	100	55	4500	1118.9881	350	55	Sunday, May 1, 2022	98.8%	1.1984	1340.9973	-74.3334	-97	---	Decreasing
MW-9	TPH-g	45	32	71.1%	50	500	53	4700	921.2632	780	ND (50)	Sunday, May 1, 2022	98.9%	1.0426	960.4643	-60.5694	-380	---	Decreasing
MW-O-1	Benzene	8	6	75.0%	0	0	570	13000	3206.375	1240	ND (0.5)	Monday, February 1, 2021	100.0%	1.3025	4176.1911	-337.4985	-19	---	Decreasing
MW-O-1	Methyl tert-butyl ether (MTBE)	7	6	85.7%	10	10	3	280	55.4714	13	8.8	Monday, February 1, 2021	96.9%	1.6836	93.3901		-3	Not Stable	No Trend
MW-O-1	TPH-d	4	4	100.0%			2600	20000	8500	5700	2600	Monday, February 1, 2021	87.0%	0.9653	8204.8766		-3	Stable	No Trend
MW-O-1	TPH-g	8	6	75.0%	50	50	4500	34000	15700	14500	ND (50)	Monday, February 1, 2021	99.9%	0.8198	12871.165	-1188.9815	-19	---	Decreasing
MW-O-2	Benzene	19	19	100.0%			86	17000	4679.6316	3400	660	Monday, August 1, 2022	96.1%	1.0588	4954.8578	-710.4757	-71	---	Decreasing
MW-O-2	Methyl tert-butyl ether (MTBE)	19	19	100.0%			11	900	166.3158	58	15	Monday, August 1, 2022	98.3%	1.4842	246.8463	-18.5665	-97	---	Decreasing
MW-O-2	TPH-d	18	18	100.0%			1200	81000	10988.889	6350	3800	Monday, August 1, 2022	95.3%	1.6364	17981.948		-43	Not Stable	No Trend
MW-O-2	TPH-g	19	18	94.7%	5000	5000	520	73000	14045.877	8100	2000	Monday, August 1, 2022	97.3%	1.3004	18265.351	-2206.044	-55	---	Decreasing
MW-SF-1	Benzene	49	38	77.6%	0	1	1	13000	4479.7813	4500	ND (0.5)	Sunday, May 1, 2022	100.0%	0.8255	3698.2522	-372.5587	-511	---	Decreasing
MW-SF-1	Methyl tert-butyl ether (MTBE)	47	39	83.0%	0	1	1	3800	465.0106	340	1.7	Sunday, May 1, 2022	100.0%	1.4493	673.9214	-49.1495	-744	---	Decreasing
MW-SF-1	TPH-d	18	17	94.4%	400	400	270	17000	2117.037	670	1000	Sunday, May 1, 2022	94.1%	1.8503	3917.1336		-34	Not Stable	No Trend
MW-SF-1	TPH-g	49	37	75.5%	50	200	55	34000	10037.381	10000	ND (100)	Sunday, May 1, 2022	99.7%	0.8421	8452.3763	-1029.975	-632	---	Decreasing
MW-SF-10	Benzene	3	3	100.0%			320	1500	780	520	320	Saturday, October 1, 2011	78.7%	0.8096	631.5061			IS	IS

Appendix C. Statistical Analysis Summary Data
 SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
MW-SF-10	Methyl tert-butyl ether (MTBE)	3	2	66.7%	10	10	21	31	20.6667	21	ND (10)	Saturday, October 1, 2011	67.7%	0.415	8.5765			IS	IS
MW-SF-10	TPH-g	3	3	100.0%			18000	31000	26333.333	30000	18000	Saturday, October 1, 2011	41.9%	0.2747	7234.1781			IS	IS
MW-SF-11	Benzene	5	5	100.0%			4000	18000	10820	10000	18000	Monday, October 1, 2012	0.0%	0.4982	5390.9183		6	Stable	No Trend
MW-SF-11	Methyl tert-butyl ether (MTBE)	5	3	60.0%	100	100	100	140	114	100	ND (100)	Monday, October 1, 2012	28.6%	0.1529	17.4356		-7	Stable	No Trend
MW-SF-11	TPH-d	2	2	100.0%			160	320	240	240	320	Monday, October 1, 2012	0.0%	0.4714	113.1371			IS	IS
MW-SF-11	TPH-g	5	5	100.0%			7800	77000	29160	16000	77000	Monday, October 1, 2012	0.0%	0.9577	27925.401		6	Stable	No Trend
MW-SF-12	Benzene	3	3	100.0%			5400	25000	12100	5900	25000	Saturday, October 1, 2011	0.0%	0.9235	11174.525			IS	IS
MW-SF-12	Methyl tert-butyl ether (MTBE)	3	3	100.0%			2200	7200	3866.6667	2200	7200	Saturday, October 1, 2011	0.0%	0.7466	2886.7513			IS	IS
MW-SF-12	TPH-g	3	3	100.0%			18000	120000	55000	27000	120000	Saturday, October 1, 2011	0.0%	1.0267	56471.232			IS	IS
MW-SF-13	Benzene	16	8	50.0%	0	5	1	12000	944.7298	2	ND (1)	Sunday, May 1, 2022	100.0%	3.0762	2906.1336	-0.7322	-72	---	Decreasing
MW-SF-13	Methyl tert-butyl ether (MTBE)	16	8	50.0%	0	5	1	680	81.7796	1	ND (1)	Sunday, May 1, 2022	99.9%	2.5454	208.1651	-0.2521	-52	---	Decreasing
MW-SF-13	TPH-d	13	13	100.0%			340	4400	1634.6154	1400	2300	Sunday, May 1, 2022	47.7%	0.6771	1106.847		-24	Stable	No Trend
MW-SF-13	TPH-g	16	7	43.8%	50	200	78	42000	3945.625	200	ND (200)	Sunday, May 1, 2022	99.5%	2.5661	10124.937	-325.6921	-58	---	Decreasing
MW-SF-14	Benzene	8	8	100.0%			5	12000	6650.5875	8450	4.7	Friday, April 1, 2016	100.0%	0.677	4502.6581	-2003.4597	-20	---	Decreasing
MW-SF-14	Methyl tert-butyl ether (MTBE)	8	8	100.0%			21	2600	744	275	63	Friday, April 1, 2016	97.6%	1.3134	977.1961		-10	Not Stable	No Trend
MW-SF-14	TPH-d	5	5	100.0%			200	440000	92190	3300	17000	Friday, April 1, 2016	96.1%	2.1104	194554.07		6	Not Stable	No Trend
MW-SF-14	TPH-g	8	7	87.5%	20000	20000	370	270000	44052	16500	370	Friday, April 1, 2016	99.9%	1.9503	85914.125		-8	Not Stable	No Trend
MW-SF-15	Benzene	16	12	75.0%	0	1	1	11000	1157.908	2	ND (1)	Sunday, May 1, 2022	100.0%	2.4974	2891.7781	-1.2385	-92	---	Decreasing
MW-SF-15	Methyl tert-butyl ether (MTBE)	16	16	100.0%			1	1200	196.4487	4	4.7	Sunday, May 1, 2022	99.6%	2.0908	410.7395	-7.4548	-79	---	Decreasing
MW-SF-15	TPH-d	13	13	100.0%			140	16000	1799.2308	550	550	Sunday, May 1, 2022	96.6%	2.3806	4283.3096	-155.8281	-29	---	Decreasing
MW-SF-15	TPH-g	16	10	62.5%	100	500	110	52000	4522.9323	130	ND (200)	Sunday, May 1, 2022	99.6%	2.7917	12626.682	-40.7299	-70	---	Decreasing
MW-SF-16	Benzene	6	6	100.0%			750	7400	2741.6667	2000	750	Thursday, October 1, 2015	89.9%	0.8771	2404.6656		-3	Stable	No Trend
MW-SF-16	Methyl tert-butyl ether (MTBE)	6	6	100.0%			41	350	190.1667	185	41	Thursday, October 1, 2015	88.3%	0.5211	99.0968		-4	Stable	No Trend
MW-SF-16	TPH-d	3	3	100.0%			490	250000	120163.33	110000	490	Thursday, October 1, 2015	99.8%	1.0408	125065.1			IS	IS
MW-SF-16	TPH-g	6	6	100.0%			3000	100000	25150	6900	3000	Thursday, October 1, 2015	97.0%	1.5118	38020.771		3	Not Stable	No Trend
MW-SF-2	Benzene	4	4	100.0%			6400	21000	15100	16500	18000	Saturday, October 1, 2011	14.3%	0.417	6296.0305		2	Stable	No Trend
MW-SF-2	Methyl tert-butyl ether (MTBE)	3	3	100.0%			930	1700	1190	940	940	Saturday, October 1, 2011	44.7%	0.3712	441.7013			IS	IS
MW-SF-2	TPH-d	1	0	0.0%	400	400			400	400	ND (400)	Friday, June 1, 1990						IS	IS
MW-SF-2	TPH-g	4	4	100.0%			1000	110000	57750	60000	72000	Saturday, October 1, 2011	34.5%	0.7903	45638.982		2	Stable	No Trend
MW-SF-3	Benzene	11	11	100.0%			32	11000	3828.3636	4000	11000	Sunday, November 1, 2015	0.0%	0.7611	2913.6124		11	Stable	No Trend
MW-SF-3	Methyl tert-butyl ether (MTBE)	4	4	100.0%			50	7600	2512	1199	7600	Sunday, November 1, 2015	0.0%	1.4135	3550.6585		4	Not Stable	No Trend
MW-SF-3	TPH-d	6	1	16.7%	300	500	240000	240000	40383.333	500	240000	Sunday, November 1, 2015	0.0%	2.4216	97791.828		5	>50% ND	No Trend
MW-SF-3	TPH-g	8	7	87.5%	500	500	400	280000	41337.5	8450	280000	Sunday, November 1, 2015	0.0%	2.1851	90325.812		14	Not Stable	No Trend
MW-SF-4	Benzene	31	23	74.2%	0	2	1	8900	2701.038	2200	ND (0.5)	Sunday, May 1, 2022	100.0%	1.0187	2751.5077	-265.7604	-195	---	Decreasing
MW-SF-4	Methyl tert-butyl ether (MTBE)	29	20	69.0%	0	2	0	950	229.9032	170	3.1	Sunday, May 1, 2022	99.7%	1.0997	252.8325	-31.913	-246	---	Decreasing
MW-SF-4	TPH-d	16	15	93.8%	400	400	160	20000	3758.75	1600	310	Sunday, May 1, 2022	98.5%	1.3353	5019.1578	-741.7076	-64	---	Decreasing
MW-SF-4	TPH-g	31	20	64.5%	50	500	500	40000	10357.742	8900	ND (100)	Sunday, May 1, 2022	99.8%	1.0485	10859.769	-1535.3844	-245	---	Decreasing
MW-SF-5	Benzene	22	22	100.0%			3	8400	1495.8773	555	13	Thursday, October 1, 2015	99.8%	1.5146	2265.7223		-30	Not Stable	No Trend
MW-SF-5	Methyl tert-butyl ether (MTBE)	6	6	100.0%			10	400	177.1667	129	10	Thursday, October 1, 2015	97.5%	1.0539	186.7173	-77.1963	-15	---	Decreasing
MW-SF-5	TPH-d	6	3	50.0%	500	500	370	1800	746.6667	500	370	Thursday, October 1, 2015	79.4%	0.7502	560.1389		6	Stable	No Trend
MW-SF-5	TPH-g	8	5	62.5%	200	500	270	11000	2081.25	520	270	Thursday, October 1, 2015	97.5%	1.7	3538.1755	-140.7883	-17	---	Decreasing
MW-SF-6	Benzene	17	16	94.1%	0	0	2	15000	2642.8529	12	1.9	Sunday, May 1, 2022	100.0%	1.9533	5162.3373	-41.3458	-104	---	Decreasing
MW-SF-6	Methyl tert-butyl ether (MTBE)	16	15	93.8%	1	1	1	810	142.5188	4	5.1	Sunday, May 1, 2022	99.4%	1.9298	275.0369	-12.2654	-82	---	Decreasing
MW-SF-6	TPH-d	13	13	100.0%			2700	110000	24492.308	9000	15000	Sunday, May 1, 2022	86.4%	1.3848	33917.46		26	Not Stable	No Trend
MW-SF-6	TPH-g	17	10	58.8%	200	200	120	59000	9521.1765	200	ND (200)	Sunday, May 1, 2022	99.7%	1.7711	16863.304	-1190.4954	-87	---	Decreasing
MW-SF-9	Benzene	18	17	94.4%	0	0	9	3200	515.6056	180	96	Friday, April 1, 2016	97.0%	1.4697	757.7774		-5	Not Stable	No Trend
MW-SF-9	Methyl tert-butyl ether (MTBE)	18	10	55.6%	0	2	2	3200	413.0413	6	1.7	Friday, April 1, 2016	99.9%	2.2814	942.3156		-41	Not Stable	No Trend
MW-SF-9	TPH-d	4	4	100.0%			3300	7300	5050	4800	5100	Friday, April 1, 2016	30.1%	0.3319	1676.3055		4	Stable	No Trend
MW-SF-9	TPH-g	18	16	88.9%	500	500	110	24000	3218.1481	1010	2300	Friday, April 1, 2016	90.4%	1.6949	5454.3788		-10	Not Stable	No Trend
PO-7	Benzene	1	0	0.0%	0	0			0.5	1	ND (0.5)	Tuesday, November 1, 2005						IS	IS
PO-7	Methyl tert-butyl ether (MTBE)	1	0	0.0%	0	0			0.5	1	ND (0.5)	Tuesday, November 1, 2005						IS	IS
PO-7	TPH-g	1	0	0.0%	100	100			100	100	ND (100)	Tuesday, November 1, 2005						IS	IS
PW-1	Benzene	36	1	2.8%	0	1	1	1	0.5361	1	ND (0.5)	Friday, November 1, 2019	50.0%	0.2718	0.1457		-29	>50% ND	No Trend
PW-1	Methyl tert-butyl ether (MTBE)	32	1	3.1%	0	10	8	8	1.6344	1	ND (1.2)	Friday, November 1, 2019	85.2%	1.6956	2.7712		-21	>50% ND	No Trend

Appendix C. Statistical Analysis Summary Data
SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
PW-1	TPH-d	5	0	0.0%	100	500			340	500	ND (100)	Friday, November 1, 2019		0.6444	219.089		0	>50% ND	No Trend
PW-1	TPH-g	34	4	11.8%	50	500	110	190	66.9167	75	ND (100)	Friday, November 1, 2019	47.4%	0.6025	40.3153		-112	>50% ND	No Trend
PW-2	Benzene	39	2	5.1%	0	1	0	16	0.7513	1	ND (0.5)	Tuesday, April 1, 2008	96.9%	3.2933	2.4742		-51	>50% ND	No Trend
PW-2	Methyl tert-butyl ether (MTBE)	36	13	36.1%	0	5	1	58	2.5595	1	ND (0.5)	Tuesday, April 1, 2008	99.1%	3.6883	9.4401	0	-129	---	Decreasing
PW-2	TPH-d	5	0	0.0%	500	1000			600	500	ND (1000)	Sunday, August 1, 1999		0.3727	223.6068		0	>50% ND	No Trend
PW-2	TPH-g	36	5	13.9%	50	500	30	140	46.267	300	ND (50)	Tuesday, April 1, 2008	64.3%	0.6994	32.3594		-47	>50% ND	No Trend
PW-3	Benzene	62	4	6.5%	0	0	0	79	1.7218	1	ND (0.5)	Sunday, May 1, 2022	99.4%	5.7613	9.9197	0	-202	---	Decreasing
PW-3	Methyl tert-butyl ether (MTBE)	58	2	3.5%	0	5	2	610	11.0286	1	ND (0.5)	Sunday, May 1, 2022	99.9%	7.1936	79.3358	0	-105	---	Decreasing
PW-3	TPH-d	27	1	3.7%	50	1000	180	180	158.5185	50	ND (50)	Sunday, May 1, 2022	72.2%	1.4711	233.2002		22	>50% ND	No Trend
PW-3	TPH-g	60	2	3.3%	10	500	42	140	28.4783	50	ND (50)	Sunday, May 1, 2022	64.3%	0.806	22.9524	0	-109	---	Decreasing
PZ-1	Benzene	12	7	58.3%	0	5	8	500	70.4083	12	ND (2.5)	Monday, April 1, 2002	99.5%	1.9143	134.7812		-3	Not Stable	No Trend
PZ-1	Methyl tert-butyl ether (MTBE)	12	12	100.0%			17	610	318.0833	295	270	Monday, April 1, 2002	55.7%	0.4813	153.079		-6	Stable	No Trend
PZ-1	TPH-d	3	0	0.0%	500	500			500	500	ND (500)	Saturday, May 1, 1999		0	0			IS	IS
PZ-1	TPH-g	11	7	63.6%	100	300	220	2000	455.0909	350	ND (300)	Monday, April 1, 2002	85.0%	1.1226	510.8968		-1	Not Stable	No Trend
PZ-10	Benzene	32	20	62.5%	0	2	1	46300	1664.374	4	ND (1)	Friday, April 1, 2016	100.0%	4.8243	8029.4578	-6.57	-162	---	Decreasing
PZ-10	Methyl tert-butyl ether (MTBE)	32	18	56.3%	0	5	1	5700	193.0087	4	ND (1)	Friday, April 1, 2016	100.0%	5.1261	989.3826	-3.4993	-233	---	Decreasing
PZ-10	TPH-d	5	5	100.0%			240	25300	5656	970	240	Friday, April 1, 2016	99.1%	1.9426	10987.513		-4	Not Stable	No Trend
PZ-10	TPH-g	32	11	34.4%	50	1000	340	190000	7190.9492	270	ND (200)	Friday, April 1, 2016	99.9%	4.5794	32930.208	0	-186	---	Decreasing
PZ-2	Benzene	23	12	52.2%	0	1	2	520	57.5826	2	ND (0.5)	Sunday, May 1, 2022	99.9%	2.1456	123.5467	-1.3632	-136	---	Decreasing
PZ-2	Methyl tert-butyl ether (MTBE)	21	16	76.2%	0	2	1	4	1.3193	1	1.7	Sunday, May 1, 2022	57.5%	0.6388	0.8428	0.1442	72	---	Increasing
PZ-2	TPH-d	21	21	100.0%			94	1800	688.2857	580	300	Sunday, May 1, 2022	83.3%	0.7133	490.9559		-40	Stable	No Trend
PZ-2	TPH-g	23	15	65.2%	50	100	53	2300	550.1467	210	ND (100)	Sunday, May 1, 2022	95.7%	1.272	699.8023	-54.9248	-126	---	Decreasing
PZ-3	Benzene	24	15	62.5%	0	2	1	6300	526.7297	2	ND (0.5)	Sunday, May 1, 2022	100.0%	2.874	1513.7966	-4.8571	-110	---	Decreasing
PZ-3	Methyl tert-butyl ether (MTBE)	22	12	54.6%	0	25000	1	11	1.6996	1	ND (1.2)	Sunday, May 1, 2022	89.1%	1.3427	2.2821		7	Not Stable	No Trend
PZ-3	TPH-d	14	14	100.0%			330	11000	3672.1429	2700	11000	Sunday, May 1, 2022	0.0%	0.9542	3503.7939		-24	Stable	No Trend
PZ-3	TPH-g	14	9	64.3%	100	100	210	5300	1100.7143	690	910	Sunday, May 1, 2022	82.8%	1.2987	1429.4478	-218.3589	-54	---	Decreasing
PZ-4	Benzene	4	0	0.0%	0	1			0.525	0	ND (1)	Wednesday, May 1, 1996		0.6293	0.3304		0	>50% ND	No Trend
PZ-5	Benzene	74	52	70.3%	0	3	1	70000	2448.5866	760	ND (0.5)	Sunday, May 1, 2022	100.0%	3.3401	8178.4045	116.1137	632	---	Increasing
PZ-5	Methyl tert-butyl ether (MTBE)	74	73	98.7%	3	3	2	150000	3469.4108	365	9.1	Sunday, May 1, 2022	100.0%	5.0807	17627.166	-34.434	-707	---	Decreasing
PZ-5	TPH-d	31	30	96.8%	50	50	270	6500	1165.1613	510	320	Sunday, May 1, 2022	95.1%	1.3303	1549.9571		-31	Not Stable	No Trend
PZ-5	TPH-g	74	69	93.2%	50	10000	160	3200000	50914.178	3000	220	Sunday, May 1, 2022	100.0%	7.2619	369732.69	174.6411	484	---	Increasing
PZ-6	Benzene	5	0	0.0%	0	0			0.5	1	ND (0.5)	Thursday, July 1, 2004		0	0		0	>50% ND	No Trend
PZ-6	Methyl tert-butyl ether (MTBE)	5	0	0.0%	0	1			0.6	1	ND (0.5)	Thursday, July 1, 2004		0.3727	0.2236		0	>50% ND	No Trend
PZ-6	TPH-g	4	0	0.0%	50	300			175	175	ND (50)	Thursday, July 1, 2004		0.8248	144.3376		0	>50% ND	No Trend
PZ-7A	Benzene	4	0	0.0%	0	0			0.5	1	ND (0.5)	Monday, August 1, 2005		0	0		0	>50% ND	No Trend
PZ-7A	Methyl tert-butyl ether (MTBE)	4	4	100.0%			5	660	348.7	365	4.8	Monday, August 1, 2005	99.3%	0.7712	268.9215	-631.6981	-6	---	Decreasing
PZ-7A	TPH-g	3	3	100.0%			160	340	246.6667	240	240	Wednesday, October 1, 2003	29.4%	0.3656	90.185			IS	IS
PZ-7B	Benzene	4	0	0.0%	0	0			0.5	1	ND (0.5)	Monday, August 1, 2005		0	0		0	>50% ND	No Trend
PZ-7B	Methyl tert-butyl ether (MTBE)	4	3	75.0%	0	0	2	67	30.2	27	ND (0.5)	Monday, August 1, 2005	99.3%	0.9721	29.3572		-4	Stable	No Trend
PZ-7B	TPH-g	3	3	100.0%			61	98	83	90	90	Wednesday, October 1, 2003	8.2%	0.2346	19.4679			IS	IS
PZ-8A	Benzene	5	0	0.0%	0	0			0.5	1	ND (0.5)	Friday, December 1, 2006		0	0		0	>50% ND	No Trend
PZ-8A	Methyl tert-butyl ether (MTBE)	5	3	60.0%	0	0	2	12	3.5	2	ND (0.5)	Friday, December 1, 2006	95.8%	1.2387	4.3354		-7	Not Stable	No Trend
PZ-8A	TPH-g	4	0	0.0%	50	50			50	50	ND (50)	Friday, December 1, 2006		0	0		0	>50% ND	No Trend
PZ-8B	Benzene	5	0	0.0%	0	0			0.5	1	ND (0.5)	Friday, December 1, 2006		0	0		0	>50% ND	No Trend
PZ-8B	Methyl tert-butyl ether (MTBE)	5	3	60.0%	0	0	31	440	130.4	31	ND (0.5)	Friday, December 1, 2006	99.9%	1.2921	168.4878		-3	Not Stable	No Trend
PZ-8B	TPH-g	4	2	50.0%	50	50	86	310	124	68	ND (50)	Friday, December 1, 2006	83.9%	0.8741	108.3882		1	Stable	No Trend
PZ-9A	Benzene	4	0	0.0%	0	0			0.5	1	ND (0.5)	Monday, August 1, 2005		0	0		0	>50% ND	No Trend
PZ-9A	Methyl tert-butyl ether (MTBE)	4	0	0.0%	0	0			0.5	1	ND (0.5)	Monday, August 1, 2005		0	0		0	>50% ND	No Trend
PZ-9A	TPH-g	3	0	0.0%	50	50			50	50	ND (50)	Wednesday, October 1, 2003		0	0		0	IS	IS
PZ-9B	Benzene	4	0	0.0%	0	0			0.5	1	ND (0.5)	Monday, August 1, 2005		0	0		0	>50% ND	No Trend
PZ-9B	Methyl tert-butyl ether (MTBE)	4	4	100.0%			1	50	15.75	6	1.2	Monday, August 1, 2005	97.6%	1.4602	22.9986	-57.0429	-6	---	Decreasing
PZ-9B	TPH-g	3	1	33.3%	50	50	75	75	58.3333	50	ND (50)	Wednesday, October 1, 2003	33.3%	0.2474	14.4338			IS	IS
RTF-18-N	Benzene	1	1	100.0%			1700	1700	1700	1700	1700	Saturday, April 1, 2017	0.0%					IS	IS
RTF-18-N	Methyl tert-butyl ether (MTBE)	1	0	0.0%	10	10			10	10	ND (10)	Saturday, April 1, 2017						IS	IS

Appendix C. Statistical Analysis Summary Data
 SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																				
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND	
RTF-18-N	TPH-d	1	1	100.0%			5200	5200	5200	5200	5200	Saturday, April 1, 2017	0.0%					IS	IS	
RTF-18-N	TPH-g	1	1	100.0%			25000	25000	25000	25000	25000	Saturday, April 1, 2017	0.0%					IS	IS	
RTF-18-NNW	Benzene	1	1	100.0%			5000	5000	5000	5000	5000	Saturday, April 1, 2017	0.0%					IS	IS	
RTF-18-NNW	Methyl tert-butyl ether (MTBE)	1	0	0.0%	10	10			10	10	ND (10)	Saturday, April 1, 2017						IS	IS	
RTF-18-NNW	TPH-d	1	1	100.0%			6900	6900	6900	6900	6900	Saturday, April 1, 2017	0.0%					IS	IS	
RTF-18-NNW	TPH-g	1	1	100.0%			30000	30000	30000	30000	30000	Saturday, April 1, 2017	0.0%					IS	IS	
TF-14	Benzene	2	2	100.0%			210	370	290	290	370	Sunday, February 1, 2004	0.0%	0.3901	113.1371			IS	IS	
TF-14	Methyl tert-butyl ether (MTBE)	2	1	50.0%	2	2	1	1	1.85	2	1.2	Sunday, February 1, 2004	0.0%	0.4969	0.9192			IS	IS	
TF-15	Benzene	5	5	100.0%			12	230	75.8	46	12	Sunday, May 1, 2022	94.8%	1.1602	87.9443	-34.7137	-10	---	Decreasing	
TF-15	Methyl tert-butyl ether (MTBE)	5	0	0.0%	1	12			4.32	1	ND (1.2)	Sunday, May 1, 2022		1.1041	4.7699			0	>50% ND	No Trend
TF-15	TPH-d	5	5	100.0%			1600	18000	6320	2300	1900	Sunday, May 1, 2022	89.4%	1.1093	7010.4921			4	Not Stable	No Trend
TF-15	TPH-g	5	5	100.0%			160	2000	1188	1200	780	Sunday, May 1, 2022	61.0%	0.6323	751.2124			-4	Stable	No Trend
TF-16	Benzene	27	26	96.3%	0	0	1	740	159.0778	52	ND (0.5)	Sunday, May 1, 2022	99.9%	1.2338	196.2702	-3.2613	-89	---	Decreasing	
TF-16	Methyl tert-butyl ether (MTBE)	27	15	55.6%	1	25	3	10	4.5133	5	ND (1.2)	Sunday, May 1, 2022	87.4%	0.5753	2.5963	-0.1454	-85	---	Decreasing	
TF-16	TPH-d	8	8	100.0%			750	7600	2793.75	2400	750	Sunday, May 1, 2022	90.1%	0.7266	2029.8553			-7	Stable	No Trend
TF-16	TPH-g	9	9	100.0%			170	6000	1790	1200	810	Sunday, May 1, 2022	86.5%	1.0407	1862.8137			-10	Not Stable	No Trend
TF-17	Benzene	3	3	100.0%			13	68	38	33	68	Saturday, November 1, 2014	0.0%	0.7326	27.8388				IS	IS
TF-17	Methyl tert-butyl ether (MTBE)	3	2	66.7%	2	2	3	3	2.6667	3	2.8	Saturday, November 1, 2014	0.0%	0.0468	0.1247				IS	IS
TF-17	TPH-d	3	3	100.0%			7100	32000	17700	14000	7100	Saturday, November 1, 2014	77.8%	0.7263	12855.738				IS	IS
TF-17	TPH-g	3	3	100.0%			2900	18000	9933.3333	8900	2900	Saturday, November 1, 2014	83.9%	0.7654	7602.8503				IS	IS
TF-17R	Benzene	5	5	100.0%			6	370	100.48	46	13	Sunday, May 1, 2022	96.5%	1.5194	152.6711			-6	Not Stable	No Trend
TF-17R	Methyl tert-butyl ether (MTBE)	5	0	0.0%	6	120			30	6	ND (6)	Sunday, May 1, 2022		1.6793	50.3786			0	>50% ND	No Trend
TF-17R	TPH-d	5	5	100.0%			3700	18000	8700	5600	5200	Sunday, May 1, 2022	71.1%	0.6767	5887.2744			0	Stable	No Trend
TF-17R	TPH-g	5	5	100.0%			1700	8600	4780	5700	2100	Sunday, May 1, 2022	75.6%	0.6022	2878.715			-4	Stable	No Trend
TF-18	Benzene	6	5	83.3%	1	1	5	320	64.9333	16	ND (1)	Sunday, May 1, 2022	99.7%	1.7638	114.5325	-14.1612	-15	---	Decreasing	
TF-18	Methyl tert-butyl ether (MTBE)	6	0	0.0%	1	10			3.8667	2	ND (2.4)	Sunday, May 1, 2022		0.901	3.4841			0	>50% ND	No Trend
TF-18	TPH-d	6	6	100.0%			7300	68000	29600	18500	56000	Sunday, May 1, 2022	17.6%	0.8731	25845	10742.027	13	---	Increasing	
TF-18	TPH-g	6	6	100.0%			450	54000	16825	7850	450	Sunday, May 1, 2022	99.2%	1.2149	20441.178			-7	Not Stable	No Trend
TF-19	Benzene	1	0	0.0%	0	0			0.5	1	ND (0.5)	Thursday, November 1, 2018							IS	IS
TF-19	Methyl tert-butyl ether (MTBE)	1	0	0.0%	1	1			1	1	ND (1)	Thursday, November 1, 2018							IS	IS
TF-19	TPH-d	1	1	100.0%			1500	1500	1500	1500	1500	Thursday, November 1, 2018	0.0%						IS	IS
TF-19	TPH-g	1	1	100.0%			710	710	710	710	710	Thursday, November 1, 2018	0.0%						IS	IS
TF-20R	Benzene	10	6	60.0%	0	0	25	490	104	27	ND (0.5)	Sunday, May 1, 2022	99.9%	1.4892	154.8816	-47.3372	-39	---	Decreasing	
TF-20R	Methyl tert-butyl ether (MTBE)	10	0	0.0%	1	10			3.82	1	ND (1.2)	Sunday, May 1, 2022		1.1165	4.2651			0	>50% ND	No Trend
TF-20R	TPH-d	10	8	80.0%	100	100	100	660	424	495	ND (100)	Sunday, May 1, 2022	84.8%	0.5289	224.2409	-141.5826	-32	---	Decreasing	
TF-20R	TPH-g	10	7	70.0%	100	100	170	1300	513	475	ND (100)	Sunday, May 1, 2022	92.3%	0.7632	391.5367	-243.6944	-38	---	Decreasing	
TF-21	Benzene	36	31	86.1%	0	0	2	820	140.8806	65	ND (0.5)	Sunday, May 1, 2022	99.9%	1.3191	185.8425	-12.2266	-397	---	Decreasing	
TF-21	Methyl tert-butyl ether (MTBE)	36	12	33.3%	0	100	1	16	2.0644	2	ND (1.2)	Sunday, May 1, 2022	92.5%	1.4691	3.0329			-75	>50% ND	No Trend
TF-21	TPH-d	17	17	100.0%			110	7800	1532.3529	1400	790	Sunday, May 1, 2022	89.9%	1.1756	1801.463	-271.1218	-96	---	Decreasing	
TF-21	TPH-g	18	13	72.2%	100	100	110	1600	530.5556	360	ND (100)	Sunday, May 1, 2022	93.8%	0.945	501.3922	-104.0665	-119	---	Decreasing	
TF-23	Benzene	7	3	42.9%	0	2	1	73	11.2514	1	ND (0.5)	Sunday, May 1, 2022	99.3%	2.2412	25.2162			-9	>50% ND	No Trend
TF-23	Methyl tert-butyl ether (MTBE)	7	6	85.7%	1	1	1	21	10.1	9	ND (1.2)	Sunday, May 1, 2022	94.3%	0.8408	8.4922			-1	Stable	No Trend
TF-23	TPH-d	7	7	100.0%			780	87000	18225.714	4600	780	Sunday, May 1, 2022	99.1%	1.7149	31255.164			3	Not Stable	No Trend
TF-23	TPH-g	7	7	100.0%			160	1100	587.1429	560	160	Sunday, May 1, 2022	85.5%	0.4873	286.1069			5	Stable	No Trend
TF-24	Benzene	16	1	6.3%	0	0	2	2	0.575	1	ND (0.5)	Sunday, May 1, 2022	70.6%	0.5217	0.3			-1	>50% ND	No Trend
TF-24	Methyl tert-butyl ether (MTBE)	16	1	6.3%	0	2	0	0	1.1313	1	ND (1.2)	Sunday, May 1, 2022		0.3662	0.4143			-15	>50% ND	No Trend
TF-24	TPH-d	16	16	100.0%			360	4200	1896.25	1800	1200	Sunday, May 1, 2022	71.4%	0.5344	1013.3369			10	Stable	No Trend
TF-24	TPH-g	16	0	0.0%	100	100			100	100	ND (100)	Sunday, May 1, 2022		0	0			0	>50% ND	No Trend
TF-8	Benzene	20	3	15.0%	0	0	1	3	0.671	1	ND (0.5)	Sunday, May 1, 2022	84.4%	0.8939	0.5998			-42	>50% ND	No Trend
TF-8	Methyl tert-butyl ether (MTBE)	20	6	30.0%	1	2	1	46	4.1636	1	ND (1.2)	Sunday, May 1, 2022	97.4%	2.6073	10.8557	0		-75	---	Decreasing
TF-8	TPH-d	18	18	100.0%			100	1100	539.4444	465	480	Sunday, May 1, 2022	56.4%	0.5912	318.9223	-68.9179	-58	---	Decreasing	
TF-8	TPH-g	18	1	5.6%	100	100	140	140	102.2222	100	ND (100)	Sunday, May 1, 2022	28.6%	0.0922	9.4281			-15	>50% ND	No Trend
TF-9	Benzene	3	3	100.0%			2	6	3.9	4	6	Wednesday, October 1, 2014	0.0%	0.5044	1.9672				IS	IS
TF-9	Methyl tert-butyl ether (MTBE)	3	0	0.0%	0	2			1	1	ND (2)	Wednesday, October 1, 2014		0.866	0.866				IS	IS

Appendix C. Statistical Analysis Summary Data
 SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
TF-9	TPH-d	3	3	100.0%			1300	2900	2133.3333	2200	1300	Wednesday, October 1, 2014	55.2%	0.376	802.0806			IS	IS
TF-9	TPH-g	3	3	100.0%			960	3400	1820	1100	1100	Wednesday, October 1, 2014	67.6%	0.7528	1370.1095			IS	IS
TF-9R	Benzene	10	3	30.0%	0	0	26	36	9.95	1	ND (0.5)	Sunday, May 1, 2022	98.6%	1.4701	14.6278	-3.7056	-24	---	Decreasing
TF-9R	Methyl tert-butyl ether (MTBE)	10	0	0.0%	1	5			1.82	1	ND (1.2)	Sunday, May 1, 2022		0.7881	1.4343		0	>50% ND	No Trend
TF-9R	TPH-d	10	8	80.0%	100	100	100	2400	847	575	ND (100)	Sunday, May 1, 2022	95.8%	0.9395	795.7895		-14	Stable	No Trend
TF-9R	TPH-g	10	3	30.0%	100	100	750	1500	445	100	ND (100)	Sunday, May 1, 2022	93.3%	1.2617	561.449	0	-21	---	Decreasing
WCW-1	Benzene	37	1	2.7%	0	5	2	2	0.6676	1	ND (0.5)	Sunday, April 1, 2012	76.2%	1.1737	0.7835		-8	>50% ND	No Trend
WCW-1	Methyl tert-butyl ether (MTBE)	33	1	3.0%	0	10	2	2	1.2727	1	ND (0.5)	Sunday, April 1, 2012	66.7%	1.6021	2.039		16	>50% ND	No Trend
WCW-1	TPH-d	9	0	0.0%	50	1000			372.2222	500	ND (50)	Sunday, April 1, 2012		0.8419	313.3599		0	>50% ND	No Trend
WCW-1	TPH-g	34	0	0.0%	10	500			220.8824	300	ND (50)	Sunday, April 1, 2012		0.6921	152.8788		0	>50% ND	No Trend
WCW-10	Benzene	19	1	5.3%	0	5	1	1	0.7684	1	ND (0.5)	Monday, April 1, 2002	50.0%	1.3532	1.0398		12	>50% ND	No Trend
WCW-10	Methyl tert-butyl ether (MTBE)	16	0	0.0%	0	10			2.25	1	ND (0.5)	Monday, April 1, 2002		1.2701	2.8577		0	>50% ND	No Trend
WCW-10	TPH-d	5	0	0.0%	100	500			340	500	ND (500)	Saturday, May 1, 1999		0.6444	219.089		0	>50% ND	No Trend
WCW-10	TPH-g	14	0	0.0%	10	500			247.1429	300	ND (300)	Monday, April 1, 2002		0.6223	153.7945		0	>50% ND	No Trend
WCW-11	Benzene	18	1	5.6%	0	5	1	1	0.7722	1	ND (0.5)	Monday, April 1, 2002	37.5%	1.3811	1.0665		11	>50% ND	No Trend
WCW-11	Methyl tert-butyl ether (MTBE)	15	0	0.0%	0	10			2.0667	1	ND (0.5)	Monday, April 1, 2002		1.3834	2.859		0	>50% ND	No Trend
WCW-11	TPH-d	5	0	0.0%	100	500			340	500	ND (500)	Saturday, May 1, 1999		0.6444	219.089		0	>50% ND	No Trend
WCW-11	TPH-g	14	0	0.0%	10	500			247.1429	300	ND (300)	Monday, April 1, 2002		0.6223	153.7945		0	>50% ND	No Trend
WCW-12	Benzene	58	1	1.7%	0	5	1	1	0.5948	1	ND (0.5)	Sunday, May 1, 2022	64.3%	1.0172	0.6051		-35	>50% ND	No Trend
WCW-12	Methyl tert-butyl ether (MTBE)	55	0	0.0%	0	10			0.9455	1	ND (0.5)	Sunday, May 1, 2022		1.7081	1.615		0	>50% ND	No Trend
WCW-12	TPH-d	25	0	0.0%	50	500			108	50	ND (50)	Sunday, May 1, 2022		1.3739	148.3801		0	>50% ND	No Trend
WCW-12	TPH-g	52	0	0.0%	10	500			115.5769	50	ND (50)	Sunday, May 1, 2022		1.0212	118.0298		0	>50% ND	No Trend
WCW-13	Benzene	84	2	2.4%	0	5	1	1	0.3107	1	ND (0.5)	Sunday, May 1, 2022	43.2%	0.2295	0.0713		-111	>50% ND	No Trend
WCW-13	Methyl tert-butyl ether (MTBE)	80	1	1.3%	0	10	1	1	0.8112	1	ND (0.5)	Sunday, May 1, 2022	64.3%	1.6675	1.3527		-67	>50% ND	No Trend
WCW-13	TPH-d	28	1	3.6%	50	500	450	450	117.8571	50	ND (50)	Sunday, May 1, 2022	88.9%	1.3125	154.6886		7	>50% ND	No Trend
WCW-13	TPH-g	79	0	0.0%	10	500			110.8861	50	ND (50)	Sunday, May 1, 2022		1.0268	113.8622		0	>50% ND	No Trend
WCW-14	Benzene	47	1	2.1%	0	0	2	2	0.5277	1	ND (0.5)	Sunday, May 1, 2022	72.2%	0.3594	0.1896		-44	>50% ND	No Trend
WCW-14	Methyl tert-butyl ether (MTBE)	47	0	0.0%	0	1			0.5106	1	ND (0.5)	Sunday, May 1, 2022		0.1428	0.0729		0	>50% ND	No Trend
WCW-14	TPH-d	21	0	0.0%	50	500			71.4286	50	ND (50)	Sunday, May 1, 2022		1.3748	98.1981		0	>50% ND	No Trend
WCW-14	TPH-g	45	0	0.0%	50	500			112.2222	50	ND (50)	Sunday, May 1, 2022		0.9924	111.3734		0	>50% ND	No Trend
WCW-2	Benzene	67	1	1.5%	0	5	1	1	0.5776	1	ND (0.5)	Sunday, May 1, 2022	16.7%	0.9634	0.5565		-26	>50% ND	No Trend
WCW-2	Methyl tert-butyl ether (MTBE)	62	0	0.0%	0	10			0.8226	1	ND (0.5)	Sunday, May 1, 2022		1.7406	1.4318		0	>50% ND	No Trend
WCW-2	TPH-d	28	1	3.6%	50	1000	230	230	160	50	ND (50)	Sunday, May 1, 2022	78.3%	1.4301	228.8134		7	>50% ND	No Trend
WCW-2	TPH-g	62	0	0.0%	10	500			148.5484	75	ND (50)	Sunday, May 1, 2022		0.9351	138.9049		0	>50% ND	No Trend
WCW-3	Benzene	89	0	0.0%	0	5			0.582	1	ND (0.5)	Sunday, May 1, 2022		0.9023	0.5252		0	>50% ND	No Trend
WCW-3	Methyl tert-butyl ether (MTBE)	85	6	7.1%	0	10	1	3	0.5678	1	ND (0.5)	Sunday, May 1, 2022	84.8%	0.6139	0.3486	0	-343	---	Decreasing
WCW-3	TPH-d	31	1	3.2%	50	1000	200	200	146.7742	50	ND (50)	Sunday, May 1, 2022	75.0%	1.4977	219.824		-22	>50% ND	No Trend
WCW-3	TPH-g	86	3	3.5%	50	1000	16	120	18.8923	50	ND (50)	Sunday, May 1, 2022	58.3%	0.8642	16.3275	0	-230	---	Decreasing
WCW-4	Benzene	59	2	3.4%	0	5	0	2	0.3345	1	ND (0.5)	Sunday, May 1, 2022	76.2%	0.7034	0.2353		-75	>50% ND	No Trend
WCW-4	Methyl tert-butyl ether (MTBE)	55	12	21.8%	0	10	0	1	0.5306	1	ND (0.5)	Sunday, May 1, 2022	43.8%	0.1409	0.0748		132	>50% ND	No Trend
WCW-4	TPH-d	26	1	3.9%	50	500	110	110	111.9231	50	ND (50)	Sunday, May 1, 2022	54.5%	1.2903	144.4166		17	>50% ND	No Trend
WCW-4	TPH-g	52	0	0.0%	50	500			121.1538	50	ND (50)	Sunday, May 1, 2022		0.9887	119.7817		0	>50% ND	No Trend
WCW-5	Benzene	59	1	1.7%	0	5	10	10	0.739	1	ND (0.5)	Sunday, May 1, 2022	95.0%	1.8419	1.3612		-34	>50% ND	No Trend
WCW-5	Methyl tert-butyl ether (MTBE)	55	0	0.0%	0	10			0.9364	1	ND (0.5)	Sunday, May 1, 2022		1.7259	1.616		0	>50% ND	No Trend
WCW-5	TPH-d	26	1	3.9%	50	500	130	130	110.7692	50	ND (50)	Sunday, May 1, 2022	61.5%	1.3087	144.9668		-9	>50% ND	No Trend
WCW-5	TPH-g	54	0	0.0%	10	500			118.7037	50	ND (50)	Sunday, May 1, 2022		0.9983	118.4976		0	>50% ND	No Trend
WCW-6	Benzene	59	0	0.0%	0	5			0.578	1	ND (0.5)	Sunday, May 1, 2022		1.0216	0.5905		0	>50% ND	No Trend
WCW-6	Methyl tert-butyl ether (MTBE)	55	11	20.0%	0	1	1	56	2.9642	1	ND (0.5)	Sunday, May 1, 2022	99.1%	3.008	8.9164	0	-447	---	Decreasing
WCW-6	TPH-d	27	1	3.7%	50	500	290	290	114.4444	50	ND (50)	Sunday, May 1, 2022	82.8%	1.2829	146.821		-22	>50% ND	No Trend
WCW-6	TPH-g	55	3	5.5%	50	500	33	230	39.4545	50	ND (50)	Sunday, May 1, 2022	78.3%	0.8064	31.818	0	-135	---	Decreasing
WCW-7	Benzene	80	1	1.3%	0	5	1	1	0.5662	1	ND (0.5)	Saturday, May 1, 2021	58.3%	0.9044	0.5121		67	>50% ND	No Trend
WCW-7	Methyl tert-butyl ether (MTBE)	76	62	81.6%	0	10	1	14	4.0026	2	1.6	Saturday, May 1, 2021	88.6%	0.9119	3.6499	-0.3295	-929	---	Decreasing
WCW-7	TPH-d	25	7	28.0%	50	500	64	290	75.1818	64	ND (50)	Saturday, May 1, 2021	82.8%	0.7019	52.773	0	108	---	Increasing
WCW-7	TPH-g	75	4	5.3%	50	500	53	140	52.4589	61	ND (50)	Saturday, May 1, 2021	64.3%	0.2328	12.2099		-14	>50% ND	No Trend

Appendix C. Statistical Analysis Summary Data

SFPP Norwalk Pump Station, Norwalk, California

Mann-Kendall Test Data Preparation (All Data)																			
Location	Analyte	COUNT	DET	PER.DET	MIN.CEN	MAX.CEN	MIN.DET	MAX.DET	MEAN	MEDIAN	LASTVALUE	LASTDATE	DIFF	CV	SD	SLOPE	S	STABILITY	TREND
WCW-8	Benzene	63	1	1.6%	0	5	1	1	0.5876	1	ND (0.5)	Sunday, May 1, 2022	44.4%	0.9787	0.5751		-30	>50% ND	No Trend
WCW-8	Methyl tert-butyl ether (MTBE)	58	9	15.5%	0	10	1	120	2.6178	1	ND (0.5)	Sunday, May 1, 2022	99.6%	5.9395	15.5484		24	>50% ND	No Trend
WCW-8	TPH-d	27	2	7.4%	50	500	900	1700	142.5926	50	ND (50)	Sunday, May 1, 2022	97.1%	2.4194	344.9916		-39	>50% ND	No Trend
WCW-8	TPH-g	57	5	8.8%	50	500	55	750	65.8503	84	ND (50)	Sunday, May 1, 2022	93.3%	1.4035	92.4211	0	-194	---	Decreasing
WCW-9	Benzene	18	1	5.6%	0	5	1	1	0.7611	1	ND (0.5)	Monday, April 1, 2002	16.7%	1.4022	1.0672		11	>50% ND	No Trend
WCW-9	Methyl tert-butyl ether (MTBE)	15	0	0.0%	0	10			2.0667	1	ND (0.5)	Monday, April 1, 2002		1.3834	2.859		0	>50% ND	No Trend
WCW-9	TPH-d	4	0	0.0%	100	500			400	500	ND (500)	Saturday, May 1, 1999		0.5	200		0	>50% ND	No Trend
WCW-9	TPH-g	12	0	0.0%	50	500			295.8333	300	ND (300)	Monday, April 1, 2002		0.4352	128.7322		0	>50% ND	No Trend

Notes:

- ND Non-Detect
- N/A Not Applicable
- IS Insufficient Data for trend analysis (valid statistical trend analysis requires 3 or more observations)
- >50% ND Valid statistical trend analysis requires 3 or more observations, with less than 50% nondetect values per well
- Stable CV is <1.0
- Not Stable CV is >1.0
- No Trend Trend in well is not statistically significant in a positive or negative direction
- Increasing Statistically significant increasing trend observed in the data over time
- Decreasing Statistically significant decreasing trend observed in the data over time
- COUNT Count of Sample Results
- DET Number of Detections
- CEN Number of Non-Detections
- PER.DET Percent Detections
- MIN.CEN Minimum Non-Detect Value in Dataset
- MAX.CEN Maximum Non-Detect Value in Dataset
- MIN.DET Minimum Detected Value in Dataset
- MAX.DET Maximum Detected Value in Dataset
- SD Standard Deviation
- CV Coefficient of Variation
- LASTVALUE Last Analytical Result Value
- LASTDATE Last Analytical Result Date
- DIFF Difference (%) from Maximum Result to Last Result
- S S Statistic for Mann-Kendall Analysis
- PVAL Probability Value
- MIN.LAG Minimum Spacing Between Consecutive Measurements in Dataset (Days)