Third Quarter 2022 Groundwater Monitoring and Operations & Maintenance Report

Phillips 66 Renton Terminal
2423 Lind Avenue Southwest
Renton, Washington
Agreed Order No. DE 11313
Facility Site I.D. No. 2070

Phillips 66

October 14, 2022

→ **The Power of Commitment**

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2423 Lind Avenue Southwest
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Agreed Order No. DE 11313
Facility Site I.D. No. 2070

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The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

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1. Introduction

GHD has prepared this *Third Quarter 2022 Groundwater Monitoring and Operations & Maintenance Report,* on behalf of Phillips 66 Company (P66) and BP, for the P66 Renton Terminal located at 2423 Lind Avenue Southwest, Renton, Washington (the Site, Figure 1).

On September 28, 2015, ExxonMobil, P66, and the Washington State Department of Ecology (Ecology) entered into an Agreed Order (DE 11313) to implement remedial actions presented in the *Final Cleanup Action Report* (CAP). The remedial actions included installation of a new Dual-Phase Extraction (DPE) system and compound, Operations and Maintenance (O&M) of the system, and performance monitoring. Installation of the new DPE system was completed in May 2015, followed by a period of approximately one year of operation when it was shut down until October 2016 to implement system modifications. The modified DPE system operated intermittently between October 2016 and May 2017 and has been operating nearly continuously since May 2017. Groundwater monitoring has been conducted at the Site since January 1993. Currently, since February 28, 2019, groundwater is gauged on a quarterly basis and sampled on a semi-annually basis. Groundwater was monitored on a quarterly basis prior to February 2019.

The purpose of this quarterly report is to present the remediation system monitoring results and evaluate the performance of the remedial action during the reporting period from July 1, 2022 to September 30, 2022. Additionally, this report includes groundwater monitoring results for the same reporting period. The monitoring locations are presented on Figure 2A. Groundwater monitoring and remediation activities are being conducted in accordance with GHD's *Compliance Monitoring Plan* (CMP) dated October 19, 2016, *Final Cleanup Action Report* dated September 28, 2015, and the *Operations and Maintenance Manual* dated October 2015 (revised January 2017). The groundwater monitoring scope of work was modified beginning with the first quarter 2019, in accordance with the scope approved by Ecology in an email dated February 28, 2019.

2. Description of Remediation System and Operational Status

Groundwater, light non-aqueous phase liquid (LNAPL), and soil vapor are extracted from DPE wells and treated by a series of unit processes. The groundwater treatment system originally consisted of an oil-water separator (OWS), equalization (EQ) tank, air stripper, sediment filters, and carbon vessels. As part of a system improvement plan to increase operational up-time of the system, the air stripper was bypassed on May 4, 2020, and sediment filter bags were removed on May 22, 2020. In July 2019, select DPE wells were retrofitted with skimmer pumps to emphasize recovery of LNAPL while minimizing groundwater recovery necessary to maintain designed hydraulic control. In mid-2020, all the DPE extraction wells with skimmer pumps were converted back to total fluid pumps to enable full operation of the DPE system. Recovered LNAPL, skimmed from the top of the OWS, flows by gravity into a nearby 150-gallon temporary holding tank (PST-5201). A transfer pump (either manually engaged or float-actuated) conveys LNAPL from PST-5201 to a 10,000-gallon holding tank (PST-5202) for storage pending periodic off-Site disposal and/or recycling. The 10,000-gallon tank was a former fuel additive tank located within the terminal tank farm that had been permanently out of service for several years. This tank serves to increase the capacity of recovered LNAPL that can be temporarily stored on-Site. Groundwater separated from the recovered LNAPL in the OWS is pumped to the EQ tank where it is stored temporarily before being batch-treated by the carbon vessels. The treated water effluent is discharged to the sanitary sewer system under King County Discharge Authorization Permit 7910-02. Soil vapor is extracted from the DPE wells under vacuum using four rotary claw blowers. The soil vapor extracted from the DPE wells is treated by the thermal oxidizer. Effluent from the oxidizer is discharged to the atmosphere as authorized by the Puget Sound Clean Air Agency (PSCAA) discharge permit No. 11102.

During the current reporting period, the DPE system operated for approximately 1,808 hours between July 1, 2022, and September 30, 2022, with an up-time of approximately 97%. The following are the notable system shutdowns

accounting for approximately 416 hours of down-time (394 hours were planned and 22 hours were unplanned) that occurred during the reporting period:

- July 2, 2022 to July 13, 2022: Unplanned shutdown due to a high-high level sump alarm that was triggered due to a leak in the equalization tank transfer pump discharge piping. Unplanned shutdown lasted approximately 5 hours. Unplanned shutdown turned into a planned shutdown that lasted approximately 268 hours. Parts were ordered and the faulty piping was replaced on July 13, 2022.
- July 22, 2022, to July 27, 2022: Planned shutdown to perform a carbon changeout lasting approximately 120 hours.
- August 25, 2022, to August 26, 2022: Unplanned shutdown due to a high pressure alarm on the lead carbon vessel, lasting approximately 18 hours.
- August 30, 2022: Planned shutdown to perform the remaining repairs on the equalization tank transfer pump discharge piping related to the leak on July 2, 2022, lasting approximately 6 hours.

During the third quarter 2022, the system processed groundwater, soil vapor, and LNAPL extracted from a minimum of three to a maximum of five remediation wells (i.e., a combination of wells DPE-40, DPE-43, DPE-45, DPE-54, and DPE-57). Wells were brought on-line and taken off-line as needed to optimize system operations. The active remediation wells are shown on Figure 2B. Groundwater extraction (GWE) system sampling analytical data are provided in Table 1 and GWE system operational data are provided in Table 2. Soil vapor extraction (SVE) system sampling analytical data are provided in Table 3 and SVE system operational data are provided in Table 4.

3. Third Quarter 2022 Remediation Activities

Remediation activities for the DPE system consist of maintenance, monitoring, monthly compliance sampling, troubleshooting, and repairs. Scheduled visits for routine O&M and monitoring occur once to twice a week. A summary of the operational data collected from the DPE system is presented in Tables 2 and 4.

The following routine system maintenance and repair activities were completed during the current reporting period on an as-needed basis:

- Cleaning of valves and transfer pumps;
- Cleaning and servicing of well pumps;
- Cleaning of process tanks;
- Air compressor maintenance;
- Blower maintenance and cleaning;
- Totalizer and process water piping cleaning; and
- Effluent line clearing and cleaning.

Non-routine maintenance activities conducted during the reporting period include:

- Replacement of pipe fittings (nipples, check valves, gate valves) on the discharge lines of both equalization tank transfer pumps (P-7201 and P-7202) due to a leak and general wear; and
- A carbon changeout of the lead and middle carbon vessels.

4. Summary of Compliance Sampling

The King County Wastewater Treatment Division (King County) discharge permit for the DPE system requires monthly compliance sampling and reporting. Monthly effluent compliance samples were collected during this operational period

on July 14, 2022, August 4, 2022, and September 12, 2022. Each effluent compliance sample was analyzed for total petroleum hydrocarbons as gasoline (TPHg) by Ecology Method NWTPH-Gx, total petroleum hydrocarbons as diesel (TPHd) and total petroleum hydrocarbons as motor oil (TPHo) by Ecology Method NWTPH-Dx; and benzene, toluene, ethylbenzene, and xylenes (collectively, BTEX) by United States Environmental Protection Agency (EPA) Method 8260B, and fats, oils, and grease (FOG) by EPA Method 1664A. The point of compliance for the discharge permit is located at the treated water effluent after all GWE treatment unit processes. Results of analyses of effluent compliance samples during the reporting period demonstrated compliance with the permit requirements. Laboratory analytical reports are presented in Appendix A. Treated groundwater compliance data for this and previous reporting periods are summarized on Table 1. Sampling results were submitted to King County on a monthly basis under King County Permit 7910-02. Copies of the July, August, and September 2022 King County Industrial Waste Monthly Self-Monitoring Reports are presented in Appendix B.

The PSCAA air discharge permit for the DPE system requires monthly compliance sampling and analyses of oxidizer influent and effluent for TPHg and BTEX by EPA Method TO-15. Compliance samples were collected on July 14, August 4, and September 12, 2022. Laboratory analytical reports are presented in Appendix A. Analytical results for the oxidizer effluent samples collected during this reporting period demonstrate compliance with PSCAA permit requirements. PSCAA permit air compliance sampling and analytical data are summarized on Table 3. The SVE system operational data summarized in Table 4 confirm that oxidizer compliance monitoring results were within the permit limits for operating at a flow rate less than 1,500 standard cubic feet per minute (SCFM), maintaining a minimum operating temperature of 1,400 degrees F, and achieving a destruction efficiency of greater than 97% when laboratory analyzed influent concentrations are greater than 200 parts per million by volume (ppm_v).

5. Summary of System Performance

Total combined LNAPL, groundwater dissolved phase, and vapor phase petroleum hydrocarbon mass removal by the DPE system during this reporting period was approximately 562 pounds. Third quarter 2022 mass removal was about equivalent to the second quarter 2022 mass removal, which was approximately 573 pounds. Extraction has remained focused on wells with measurable LNAPL with the goal of increasing SVE removal rates, while continuing to extract LNAPL. During the second quarter 2022, 46% of extracted hydrocarbon mass was removed as LNAPL, 34% was removed from soil vapor, and 20% was removed from groundwater in the dissolved phase. During the third quarter measurable LNAPL decreased in extraction wells; however, the GWE system was able to effectively lower the groundwater potentiometric level (groundwater table) in the area of the extraction wells and expose the smear zone created by seasonal groundwater table fluctuations. In addition, GHD increased the influent SVE vacuum and flow rate to achieve higher removal rates from the SVE system. As a result of these adjustments during the third quarter, 6% of extracted hydrocarbon mass was removed as LNAPL, 75% was removed from soil vapor, and 19% was removed from groundwater in the dissolved phase. Active and inactive extraction wells with measurable LNAPL detected during groundwater monitoring activities were gauged on a bi-weekly basis during the third quarter. Measurable LNAPL was observed in extraction wells DPE-54 (2 feet LNAPL thickness), DPE-56 (1-inch LNAPL thickness), and DPE-26 (1-inch LNAPL thickness). The total volume of LNAPL removed during the reporting period was approximately 6 gallons. Estimated TPHg and benzene mass removal rates and cumulative mass removed since remediation by DPE began on May 8, 2015, are summarized on Table 2 and Table 4, and are shown graphically on Figure 3 (TPHg) and Figure 4 (benzene). Cumulative LNAPL mass removal and/or removal rates from April 2015 to September 12, 2022, are shown graphically on Figure 5. LNAPL removal rates were not calculated prior to implementing the focused LNAPL recovery strategy implemented in July 2019.

During this reporting period, the DPE system operated nearly continuously except for the shutdowns noted in Section 2.0. The process volumes and estimated mass removed for the reporting period are as follows:

Period	Gallons of Water extracted (From Totalizer)	Pounds of LNAPL Removed (OWS)	Pounds of TPH Removed (Dissolved Liquid Phase)	Pounds of TPH Removed (Vapor Phase)	Total Pounds of TPH Removed
Third Quarter 2022 Operation (Using lab data from June 1, 2022, to September 12, 2022)	414,830[1]	35[2]	105	421	561
Cumulative Operation (May 8, 2015, to September 12, 2022) *	14,592,148[3]	51,539[4]	6,413	112,066	170,018

[1]Totalizer readings are from July 1, 2022, through September 30, 2022
[2]Pounds of LNAPL Removed from July 14, 2022, through September 12, 2022
[3]Totalizer readings are from May 8, 2015, through September 30, 2022
[4]Pounds of LNAPL Removed from May 8, 2015, through September 12, 2022
*Previous DPE and GWE system data prior to May 2015 submitted in previous reports
Note: density of free product assumed to be density of vehicle gasoline (6.14 lbs/gallon "https://www.epa.gov/sites/production/files/2014-01/gallonspoundsconversion.xls")

The primary purpose of the DPE remediation system is to remove hydrocarbon mass from the subsurface while maintaining hydraulic control of the hydrocarbon-impacted groundwater plume to prevent off-Site migration of dissolved-phase hydrocarbons. Hydraulic control monitoring was performed during the groundwater gauging activities and is discussed in Section 7. Procedures for monitoring and evaluating the effectiveness of hydraulic control are included in the CMP.

6. System Operation Conclusions and Planned Activities

The DPE system operated at nearly continuous (approximately 97%) up-time during the third quarter 2022, except for the shutdowns noted in Section 2.0. Two unplanned shutdown and three planned shutdowns occurred during the reporting period as described in Section 2.0.

The following activities are planned for the fourth quarter 2022:

- Continue with DPE operation and adjust the system as necessary to account for seasonal groundwater table fluctuations;
- Continue increased groundwater recovery and treatment by maintaining groundwater pumps and system components;
- Redevelop DPE wells, as needed, to prevent pump clogging caused by sediment in the wells;
- As the water table elevation continues to be at a low point during the dry season, optimize the SVE mass removal by focusing vacuum on wells with the highest PID readings and levels of measurable LNAPL. GHD will continue to gauge DPE extraction wells for LNAPL and obtain wellhead PID readings on a bi-weekly basis to focus on wells with persistent high concentrations and optimize mass removal;
- Address bacterial iron fouling in the process piping and effluent line using mechanical or chemical cleaning methods; and
- Install the new autodialer. The new LTE autodialer was ordered during 3Q22; however, it is on backorder until mid-4Q22.

7. Third Quarter 2022 Groundwater Monitoring Field Activities

7.1 Hydraulic Monitoring

Third quarter 2022 hydraulic monitoring activities were conducted on September 1, 2022. Hydraulic monitoring activities consisted of measuring and recording depth to LNAPL, if present, and depth-to-groundwater from below the top of the well casing for 17 groundwater monitoring wells. Hydraulic monitoring activities were conducted in accordance with the procedures outlined in Section 4.1 of the CMP and the modifications approved by Ecology in an email correspondence dated February 28, 2019. Wells used in hydraulic monitoring are presented on Table 5. A copy of the field data sheet documenting the hydraulic monitoring data is presented in Appendix C.

7.2 Groundwater Sampling

Groundwater sampling activities were conducted on August 31 and September 1, 2022. Groundwater samples were collected from 14 wells using low flow sampling procedures. Groundwater sample analytical results are summarized on Table 6 and the laboratory analytical reports are provided in Appendix D. In addition to the groundwater samples, one field duplicate sample was collected for quality assurance purposes. Trip blanks provided by the subcontracting laboratory were included in each cooler. Samples collected during the event were placed immediately on ice and transported to Eurofins Calscience via courier under chain-of-custody. Sample analyses included: TPHg per Ecology Method NWTPH Gx; TPHd and TPHo per Ecology Method NWTPH Dx; and BTEX per EPA Method 8260B.

7.3 Investigation Derived Waste

No investigation derived waste was generated during the third quarter 2022 event, with the exception of personal protective equipment (PPE). All purge water and decontamination water was processed through the on-Site groundwater treatment system before being discharged to the sanitary sewer system under King County discharge authorization No. 7910-02. All PPE was properly decontaminated and/or disposed in an appropriate trash receptacle on-Site.

8. Groundwater Monitoring Results

8.1 Groundwater Elevation and LNAPL Thickness Data

The purpose of the hydraulic monitoring is to evaluate the effects of the DPE system on groundwater flow direction(s) and gradient(s), and to monitor the presence and changing thicknesses of LNAPL on the water table. Current groundwater elevation data and LNAPL thicknesses are presented on Table 5. Groundwater flow direction(s) are presented on Figure 6.

Historically, monitoring wells have been grouped for evaluation based on screened intervals. The wells are grouped as follows:

- Shallow – Wells screened in the fill material in the top 10 feet below ground surface (bgs)
- Intermediate – Wells screened from 5 to 20 feet bgs
- Deep – Wells screened deeper than 20 feet bgs

Currently, only two of the wells gauged (B-4 and B-6) are considered shallow wells because they are screened entirely within the fill material and do not span across the silt/clay layer that occurs starting at a depth of approximately 10 feet

bgs. Groundwater elevations in these two wells were consistent with historical data. None of the deep wells were gauged. Groundwater elevation data are presented in Table 5 and on Figure 6.

8.1.1 Intermediate Well Elevation Data, Flow Direction, and Gradient

Data collected during the third quarter 2022 indicate that there is a ridge of higher groundwater elevation (approximately 12 feet above mean sea level (amsl)) in the central portion of the Site, extending roughly in a north-south orientation beneath the central and northern portions of the Site, and mounding at an elevation of approximately 13 feet amsl toward the northern portion of the Site, from which groundwater flows outward toward the northwest, east, and southeast. In addition, in the southwestern corner of the Site (Tank Farm area), groundwater appears to be of slightly higher elevation (approximately 13 feet bgs) to the west of the Site, flowing towards the east-southeast and dropping to an elevation of approximately 11 feet bgs to the east of the Site. These irregular groundwater elevations and flow direction patterns are likely a consequence of the ongoing pumping at the Site and influenced by the DPE system operation. Groundwater elevation contours interpreted from the monitoring data are illustrated on Figure 6.

8.1.2 LNAPL Thicknesses

During the third quarter 2022 gauging event, LNAPL was not observed in any of the monitoring wells gauged. However, measurable LNAPL was recorded in three of the DPE wells. DPE-54 had 2 feet of LNAPL, DPE-56 had 1-inch of LNAPL, and DPE-26 had 1-inch of LNAPL. LNAPL recorded in wells DPE-57 and DPE-41 during the first quarter 2022 gauging event, has since been mitigated to non-measurable thickness. GHD recommends focusing on DPE-26, DPE-54, and DPE-56. Extraction at DPE-26 started on September 26, 2022, and will be monitored during fourth quarter 2022.

In-well LNAPL gauging is used to confirm the presence of LNAPL and evaluate mobility by comparing these measurements over time. The maximum LNAPL thickness beneath the Site has been reduced significantly since increased LNAPL recovery was initiated, and further so after reinitiating DPE with enhanced SVE. The presence (or absence) of LNAPL will continue to be monitored to evaluate trends in LNAPL occurrence and mobility, and GHD recommends continuing biweekly gauging of DPE wells.

8.2 Groundwater Quality Data

The purpose of the groundwater sampling program for this Site is to evaluate groundwater concentration trends to monitor DPE system performance over time and to demonstrate that the plume is contained and is not migrating. While focusing on LNAPL recovery, only the Site perimeter wells are being sampled to confirm lack of plume migration. The laboratory analytical report for the third quarter 2022 event is presented in Appendix D. The analytical data validation memo is presented in Appendix E.

Laboratory analytical results from the third quarter 2022 groundwater monitoring event indicate that concentrations of target constituents did not exceed the Model Toxics Control Act (MTCA) Method A cleanup levels in any of the wells sampled.

A maximum benzene concentration of 4.1 µg/L was detected in well MW-15. Well MW-10 contained a detectable benzene concentration of 1.6 µg/L. Formerly, well MW-15 had contained benzene concentrations above the MTCA Method A cleanup level but it has since decreased to below cleanup levels.

TPHd and TPHo were detected above laboratory detection limits but below the MTCA Method A cleanup levels in MW-1, MW-3, MW-10, MW-11, and D-1R.

TPHg was detected above the laboratory detection limit but below the MTCA Method A cleanup level at 400 µg/L in D1-R.

All wells are below the MTCA Method A cleanup levels indicating that the migration of dissolved contaminants of concern (COC) has not occurred along any of the property boundary. This is consistent with previous data history, as concentrations have only been above cleanup levels closest to the source of the historical release. Detections have steadily decreased throughout time. Concentrations of dissolved TPHd and TPHo were historically detected in well

MW-13 but have remained at non-detect levels for the past three quarters. These detections were likely an outlier and not associated with the P66 Site, as these constituents have not been historically detected in the northern boundary wells.

Monitoring wells MW-3 through MW-6 were installed along the eastern perimeter to delineate the eastern extent of the dissolved plume and to determine if migration of the COC is occurring. The concentrations in samples collected from wells MW-3, MW-4, and MW-6 continues to be below the MTCA Method A cleanup levels. These wells will continue to be monitored to verify that impacts are not migrating off-Site.

The concentrations in the samples collected from wells MW-1 and MW-2 along the southern perimeter, were below the MTCA Method A cleanup levels indicating plume migration is not likely to be occurring to the south.

9. Groundwater Monitoring Conclusions and Planned Activities

Groundwater elevation contours indicate that groundwater appears to be at a higher elevation beneath the central, northern, and southwestern portions of the Site, flowing outward to the northwest and to the east-southeast, (Figure 6). These irregular groundwater elevations and flow direction patters are likely influenced by the ongoing GWE of the remediation system.

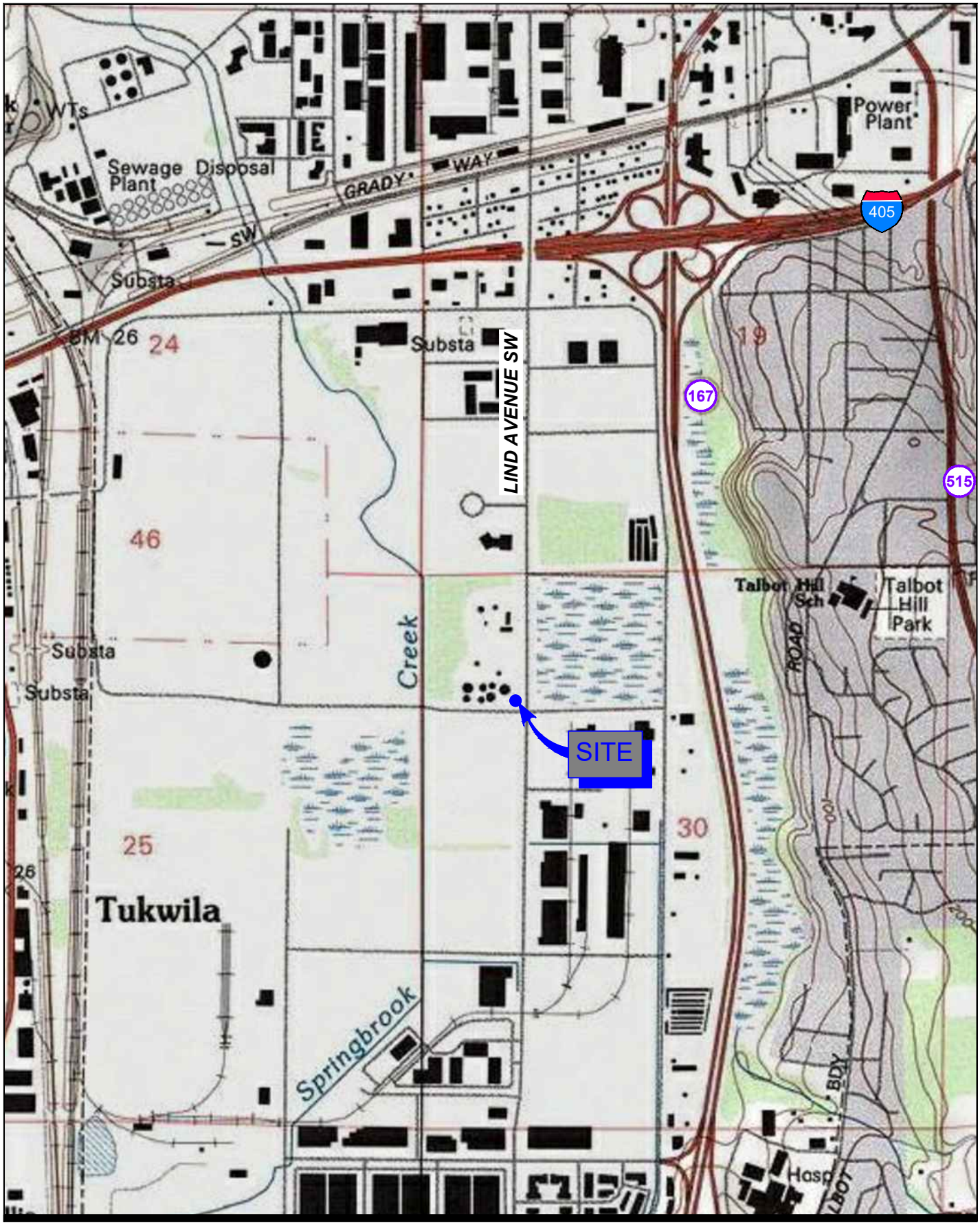
The DPE system wells operating during the sampling event created an inward gradient toward the extraction wells indicating capture of the groundwater plume is occurring.

The monitoring well network will continue to be monitored and sampled in accordance with the CMP to assess the effectiveness of the DPE system. GHD will continue to gauge selected wells and monitor LNAPL thickness beneath the Site on a quarterly basis to determine groundwater elevation and LNAPL occurrence, and will continue to sample select wells on a semi-annual frequency. The next scheduled monitoring event is scheduled to be conducted during the fourth quarter 2022.

10. Other Agreed Order Items

No Agreed Order items occurred during the third quarter 2022.

Figures



0 625 1250 ft

1" = 1250 ft

N

GHD

PHILLIPS 66 RENTON TERMINAL
2423 LIND AVENUE SOUTHWEST
RENTON, WASHINGTON

Project No. **12572873**
Date **October 2022**

VICINITY MAP

FIGURE 1

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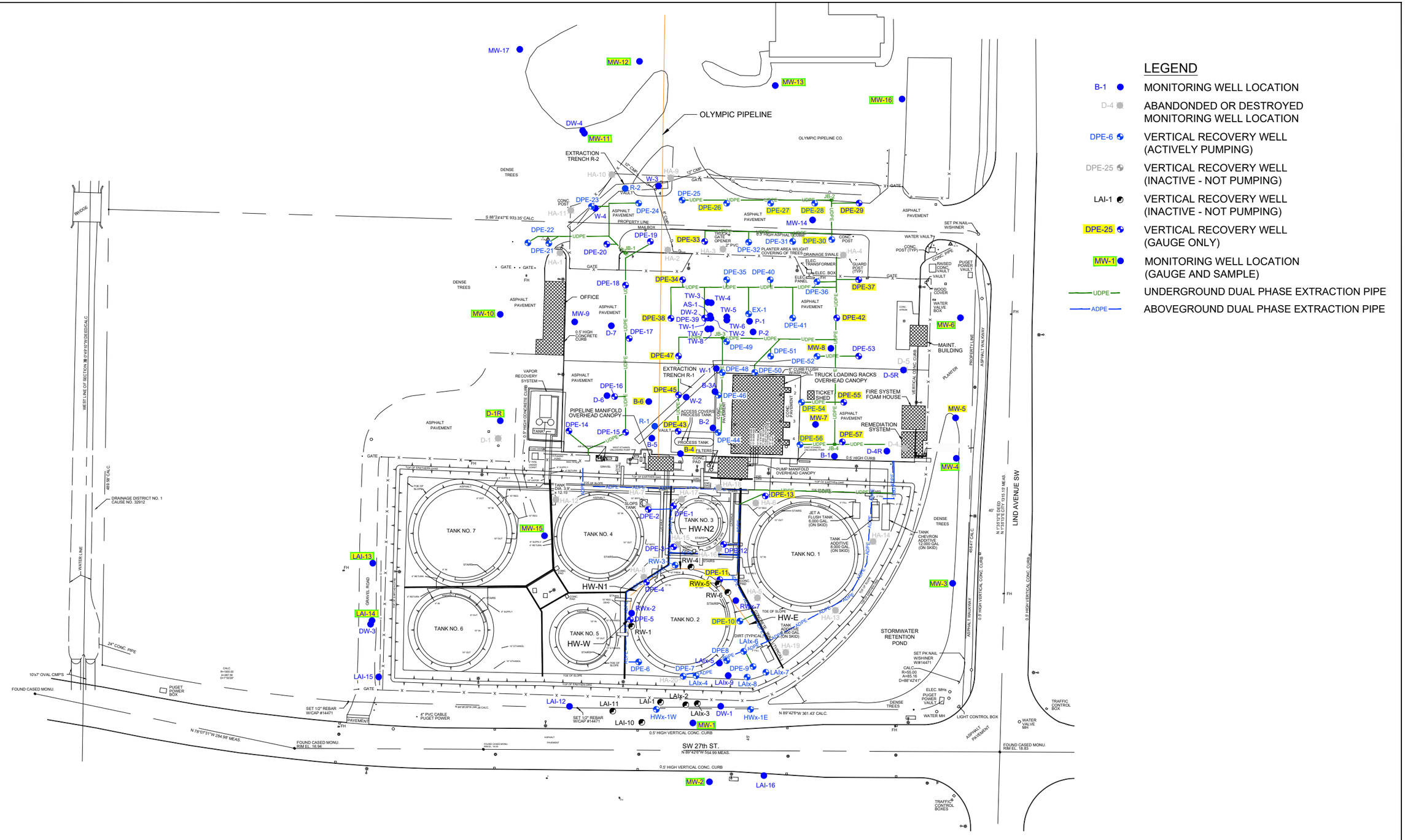

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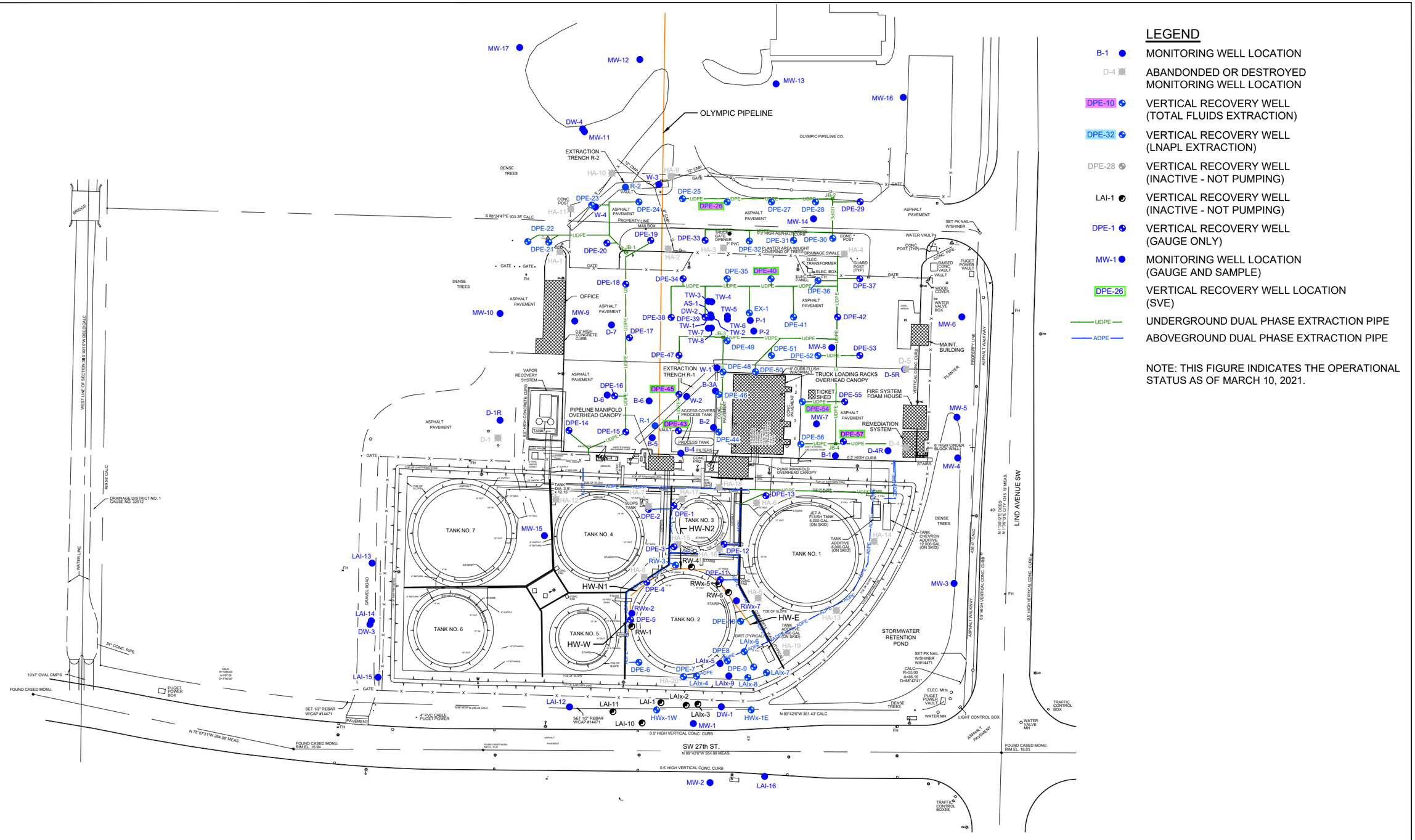

PHILLIPS 66 RENTON TERMINAL
2423 LIND AVENUE SOUTHWEST
RENTON, WASHINGTON

Project No. **12572873**
Date **October 2022**

SITE PLAN WITH ACTIVE REMEDIATION LOCATIONS

FIGURE 2B

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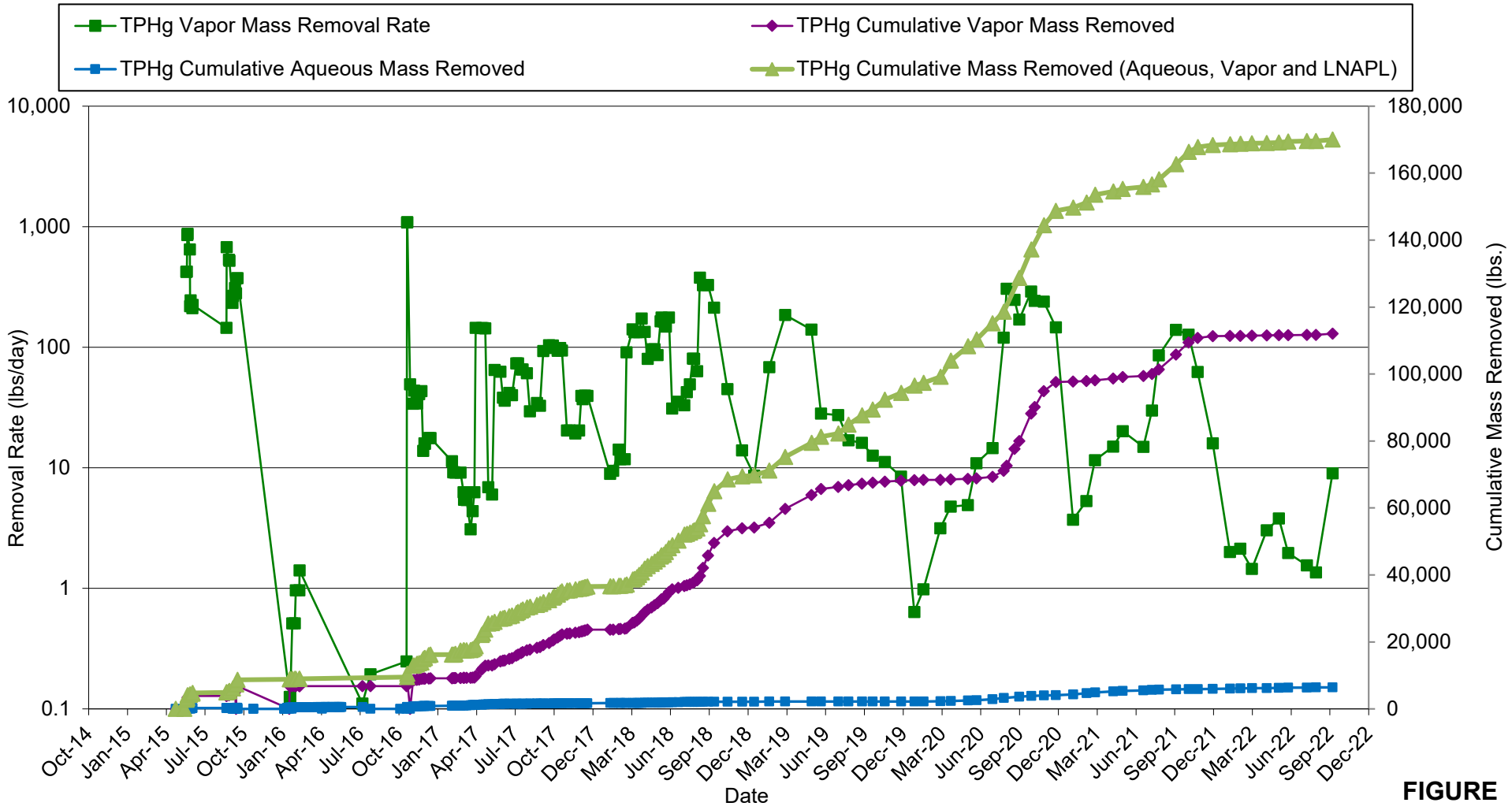

FIGURE 3

Phillips 66 Renton Terminal
2423 Lind Avenue Southwest
Renton, Washington

TPHg MASS REMOVAL VS. TIME

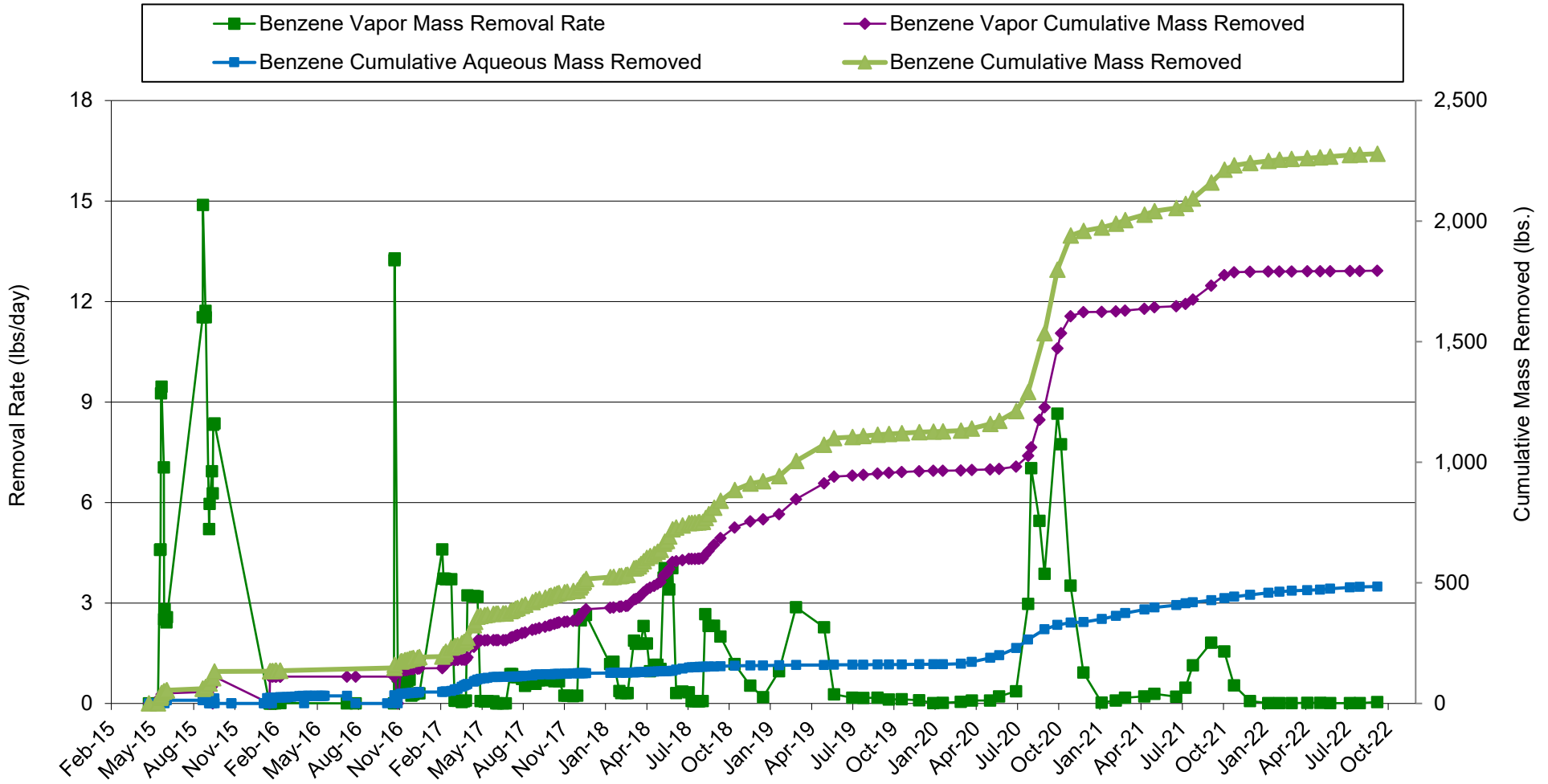

FIGURE 4

Phillips 66 Renton Terminal
2423 Lind Avenue Southwest
Renton, Washington

GHD

BENZENE MASS REMOVAL VS. TIME

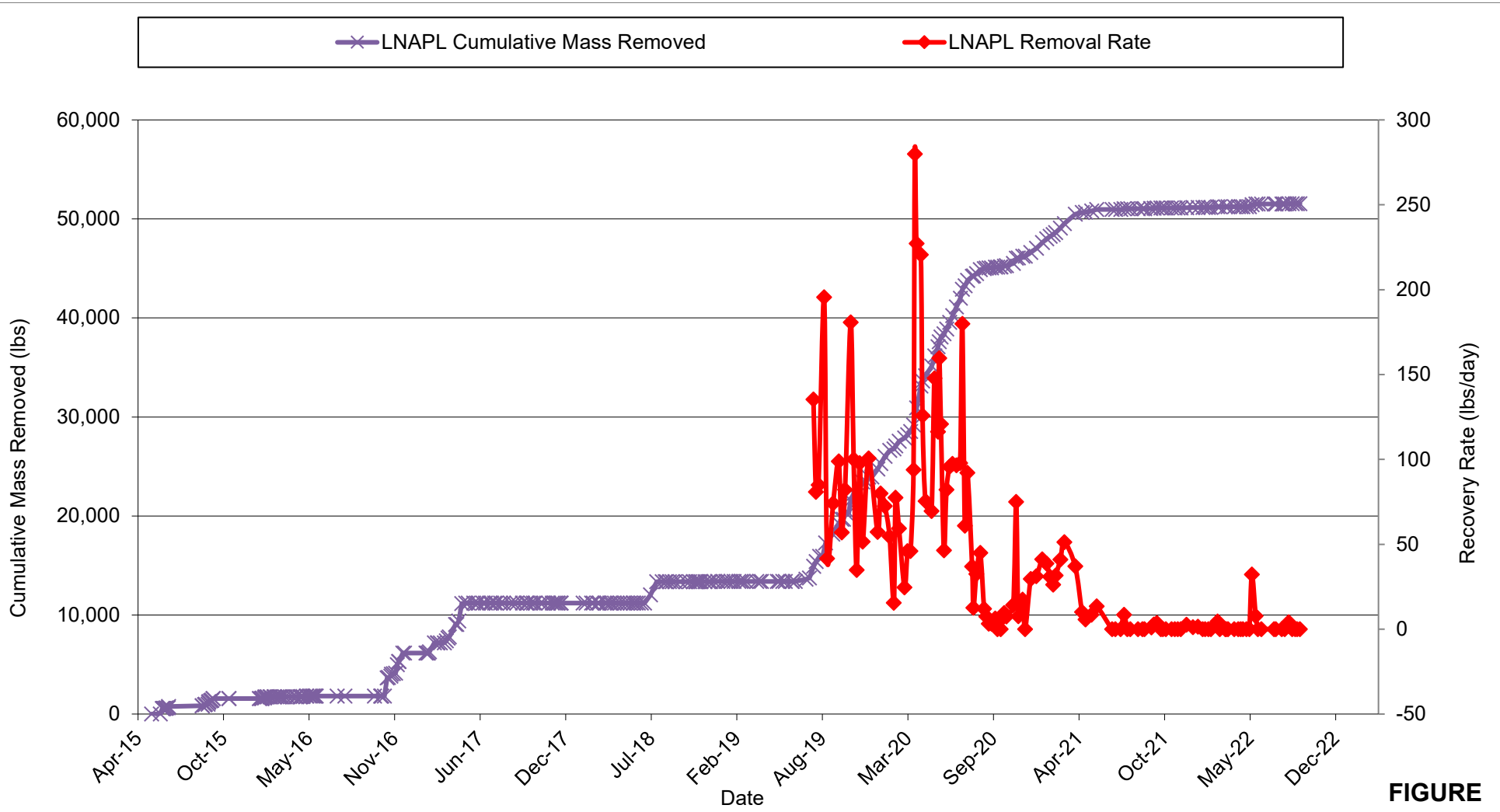

FIGURE 5

Phillips 66 Renton Terminal
2423 Lind Avenue Southwest
Renton, Washington

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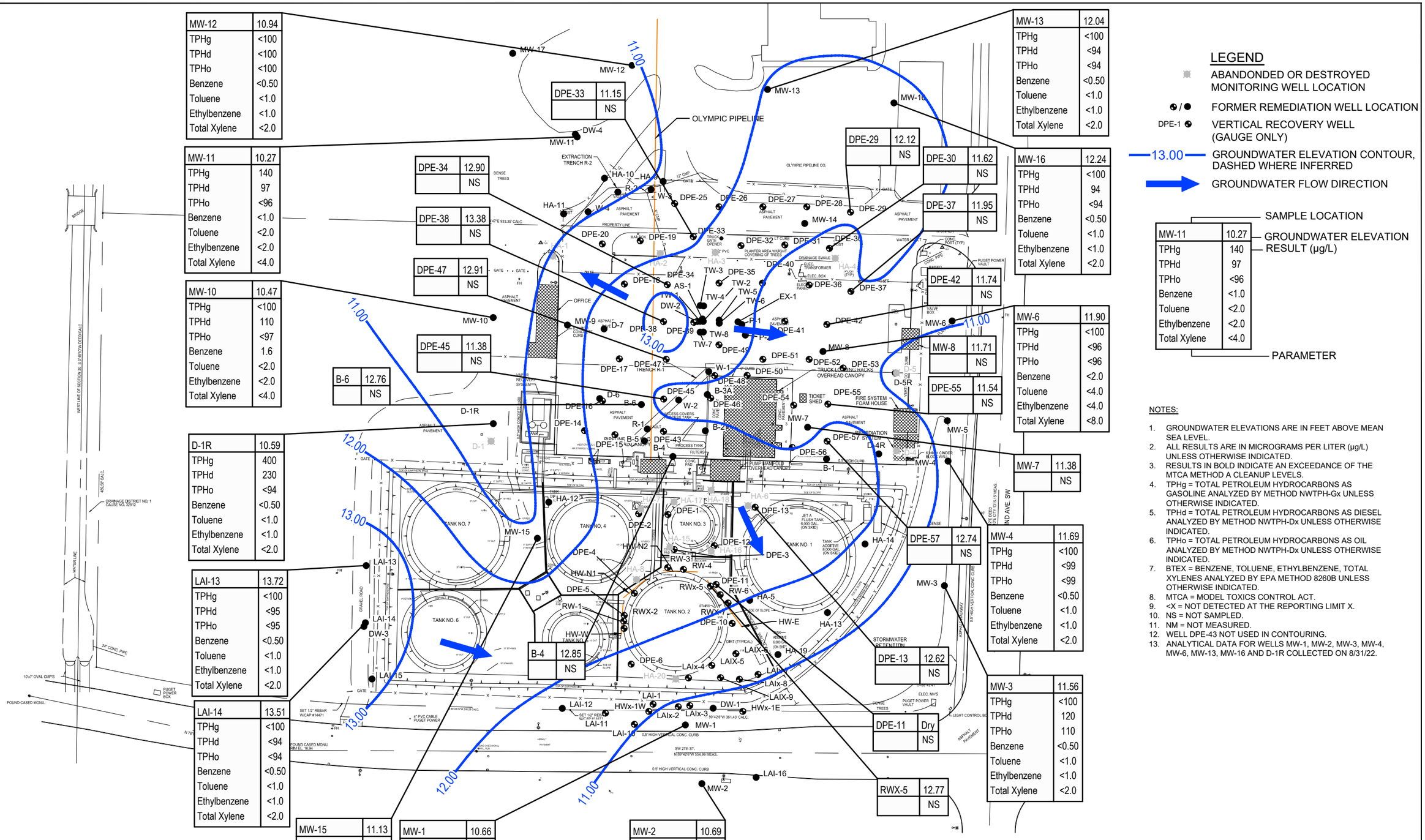
LNAPL MASS REMOVAL VS. TIME



PHILLIPS 66 RENTON TERMINAL
2423 LIND AVENUE SOUTHWEST
RENTON, WASHINGTON

GROUNDWATER CONTOUR AND DISSOLVED HYDROCARBON CONCENTRATIONS MAP - AUGUST 31 AND SEPTEMBER 1, 2022

Project No. **12572873**
Date **October 2022**

FIGURE 6

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Plot Date: 13 October 2022 8:32 AM

Data Source: STATEWIDE LAND SURVEYING INC., DATED 1/26/12.

Tables

Table 1

Groundwater Extraction System Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Date (mm/dd/yy)	Influent TPHg Conc. (µg/L)	Influent TPHd Conc. (µg/L)	Influent TPHmo Conc. (µg/L)	Influent Benzene Conc. (µg/L)	Influent Toluene Conc. (µg/L)	Influent Ethylbenzene Conc. (µg/L)	Influent Xylenes Conc. (µg/L)	Influent-2 (Post-air stripper) TPHg Conc. (µg/L)	Influent-2 TPHd Conc. (µg/L)	Influent-2 TPHmo Conc. (µg/L)	Influent-2 Benzene Conc. (µg/L)	Influent-2 Toluene Conc. (µg/L)	Influent-2 Ethylbenzene Conc. (µg/L)	Influent-2 Xylenes Conc. (µg/L)
05/08/15	393,000	46,900	11,400 b	13,000	23,400	3,200	19,700							
05/27/15	153,000	80,800	6,600	10,200	23,900	6,220	39,900							
06/16/15	660,000	304,000	12,000	22,100	39,200	4,180	24,600							
09/03/15	145,000	59,700	3,900	8,150	11,500	1,740	13,200							
09/16/15	107,000	77,600	4,600	8,440	14,300	1,970	14,100							
11/13/15	57,700	8,300	<420	3,040	5,140	659	7,670							
01/15/16	61,800	5,200	1,100	1,230	5,340	1,270	9,350							
01/21/16	80,800	1,300	<420	1,540	10,900	1,350	9,860	NA - Air stripper not installed						
02/08/16	8,500	1,100 b	<410	762	801 f	25.6	1,390 g							
03/04/16	69,200	1,500	<380	7,730	10,700	236	9,260							
04/11/16	16,300	1,300	<370	1,400	790	<20	2,670							
04/19/16	NM	NM	NM	NM	NM	NM	NM							
05/10/16	13,400	1,200	<390	998	352	<5.0	2,730							
07/14/16	NM	NM	NM	NM	NM	NM	NM							
09/14/16	NM	NM	NM	NM	NM	NM	NM							
10/10/16	91,400	7,900	760	6,820	10,500	1,430	9,520	6,380	10,600	1,400	342	583	47.5	637
11/02/16	123,000	19,500	730	4,660	<100	<100	<300	17,400	6,300	<380	340	832	82.6	683
12/06/16	168,000	61,400	1,900	12,200	28,700	<3,140	23,800	7,130	4,500	<400	304	541	5.2	1,040
01/01/17	SYSTEM OFF							SYSTEM OFF						
02/27/17	163,000	5,500	<390	9,450	28,800	2,700	19,600	7,630	1,100	<400	305	1,080	71.1	980
03/27/17	118,000	3,300	590	16,200	19,400	2,350	14,600	10,500	2,400	<420	1,160	1,300	175	1,340
04/20/17	144,000	5,800	<400	16,300	20,800	2,230	15,300	11,600	3,200	<400	1,180	1,490	129	1,370
05/11/17	92,900	4,300	<400	5,870	11,100	1,290	14,000	8,490	6,100	460	211	317	23.4	879
06/08/17	49,900	2,000	<400	2,530	4,690	279	5,930	744	1,800	<400	13.6	1.7	<1.0	125
07/10/17	25,000	2,600	<380	1,530	1,360	18.4	3,490	142	480	<390	1.7	<1.0	<1.0	8.2
08/23/17	47,700	5,200	<380	6,880	5,210	443	3,910	3,850	2,800	<400	392	235	10.9	358
09/21/17	13,500	1,700	<380	1,120	605	69.1	2,010	809	1,200	<370	13.3	8.8	1.5	84.2
10/16/17	22,500	2,700	<380	1,080	664	30.4	2,110	551	780	<390	11.7	6.2	<1.0	47.6
11/20/17	40,400	13,600	520	2,110	4,450	164	4,490	951	770	<380	11.6	1.9	<1.0	197
12/11/17	28,000	6,800	<380	1,560	2,670	56.1	3,220	654	820	<430	1.2	<1.0	<1.0	81.4
01/01/18	SYSTEM OFF							SYSTEM OFF						
02/16/18	49,800	2,200	<390	6,050	7,610	708	5,380	1,050	1,700	<400	175	152	6.8	92.3
03/13/18	18,400	2,500	<370	186	71.1	1.2	2,570	1,090	1,700	<370	1	<1.0	<1.0	61.8
04/17/18	27,600	1,400	<390	2,020	3,600	133	3,820	2,420	950	<740	1.1	<1.0	<1.0	248
05/16/18	27,800	2,500	<390	1,030	2,180	171	4,070	706	740	<410	1.1	<1.0	<1.0	70.8
06/13/18	45,600	2,300	<400	2,260	3,430	434	6,930	1,110	3,100	760	15.2	6.6	<1.0	138
07/17/18	65,300	3,800	<380	5,800	10,600	812	8,490	358	3,100	1,500	9.5	7.0	<1.0	37.9
08/13/18	22,500	2,400	<380	2,070	1,780	131	3,110	2,700	3,400	<380	43.8	18.4	1.2	338
09/12/18	19,000	1,300	<380	963	1,150	111	2,060	1,680	<380	<380	40.2	32.3	3.6	211
10/08/18	12,700	880	<390	1,540	820	65.2	1,940	298	490	<390	8.1	2.2	<1.0	33.2
11/08/18	15,300	1,700	<390	2,140	1,240	46.6	2,420	290	1,300	<390	1.9	<1.0	<1.0	10.7
12/10/18	31,600	2,100	<390	1,460	2,680	111	3,320	663	1,100	<380	2.1	<1.0	<1.0	59
01/09/19	31,400	1,700	<400	1,750	2,830	51.7	3,510	1,080	990	<380	10.8	4.7	<1.0	143
02/13/19	24,500	1,200	<390	746	1,090	10.5	2,620	1,890	7,300	650	17.5	13.2	<1.0	257
03/22/19	25,200	1,400	<400	1,600	2,960	80.6	3,820	779	3,100	<390	3.4	1.9	<1.0	105
04/03/19	SYSTEM OFF FOR OXIDIZER REPAIR							SYSTEM OFF FOR OXIDIZER REPAIR						
05/22/19	21,600	1,350	<400	1,860	1,860	75.6	2,820	1,150	22,400	2,230	<1.0	<1.0	<1.0	3.4
06/13/19	8,550	995	<435	443	140	7.9	905	<100	13,300	1,890	<1.0	<1.0	<1.0	<3.0
07/23/19	37,700	2,780	<400	4,820	4,480	291	2,240	146	462	<385	11.1	5.1	<1.0	<3.0
08/16/19	104,000	6,760	<400	20,500	15,300	1,180	8,200	1,320	7,930	842	556	31.4	1.5	186
09/16/19	104,000	5,550	<408	21,000	16,700	933	9,930	841	3,890	<417	201	20.8	2.3	119
10/11/19	111,000	5,090	<385	23,600	15,800	962	11,200	1,120	2,300	<385	542	3.9	3.7	190
11/08/19	136,000	7,890	<377	23,000	20,400	863	13,800	515	1,560	<385	57.1	3.8	1.1	45
12/16/19	121,000	10,100	618	23,900	19,700	640	13,100	<100	798	<400	4.4	<1.0	<1.0	4.4
01/16/20	181,000	6,520	<400	23,100	30,300	1,380	15,700	2,320	2,450	<392	179	149	5.3	253
02/06/20	189,000	3,620	<392	30,500	32,800	1,450	17,400	325	1,270	<400	20.7	10.2	<1.0	17.8
03/16/20	136,000	8,360	<400	10,400	19,300	1,980	16,900	6,210	1,390	<400	271	356	11.3	729
04/09/20	192,000	2,890	<408	19,200	32,100	1,930	16,300	4,220	2,920	<400	32.3	46.5	10.9	383
05/19/20	178,000	3,690	<400	14,200	27,400	1,950	15,300	163,000	2,690	<400	15,800	26,300	1,650	16,700
06/08/20	149,000	2,240	<400	17,800	28,700	1,970	18,300	-	-	-	-	-	-	-
07/15/20	278,000	3,920	<377	29,400	48,800	3,840	31,600	-	-	-	-	-	-	-
08/10/20	93,400	7,370	569	8,460	7,450	1,160	11,500	-	-	-	-	-	-	-
09/15/20	54,200	6,240	<400	5,640	1,550	327	4,640	-	-	-	-	-	-	-
10/13/20	42,300	8,490	<400	3,790	4,700	771	6,960	-	-	-	-	-	-	-
11/11/20	69,900	30,500	1,300	3,290	4,940	772	10,000	-	-	-	-	-	-	-
12/09/20	71,800	7,550	<417	3,650	8,230	1,200	9,780	-	-	-	-	-	-	-
01/18/21	185,000	7,670	<417	7,800	16,900	1,920	17,500	-	-	-	-	-	-	-
02/18/21	113,000	4,980	<417	4,470	10,400	1,680	13,500	-	-	-	-	-	-	-
03/10/21	79,500	2,920	<400	3,660	6,900	1,230	10,200	-	-	-	-	-	-	-
04/21/21	60,100	17,900	950	3,080	6,340	1,110	10,300	-	-	-	-	-	-	-
05/13/21	38,300	7,270	<417	2,950	3,270	734	7,640	-	-	-	-	-	-	-
06/30/21	54,200	7,070	<400	2,590	1,850	598	5,510	-	-	-	-	-	-	-
07/20/21	36,400	3,200	<408	2,620	1,500	253	3,290	-	-	-	-	-	-	-
08/05/21	21,000	34,000	-	750	400	60	650	-	-	-	-	-	-	-
09/14/21	9,400	12,000	120	2,500	1,600	120	2,200	-	-	-	-	-	-	-
10/13/21	11,000	3,100	150	2,000	1,100	150	2,100	-	-	-	-	-	-	-
11/03/21	18,000	3,900	<100	1,300	2,000	350	3,000	-	-	-	-	-	-	-
12/08/21	11,000	13,000	<100	1,600	2,000	350	3,900	-	-	-	-	-	-	-
01/17/22	25,000	17,000	170	1,900	3,600	680	5,300	-	-	-	-	-	-	-
02/10/22	16,000	12,000	<100	930	1,500	360	3,400	-	-	-	-	-	-	-
03/09/22	17,000	13,000	280	1,300	2,200	320	4,300	-	-	-	-	-	-	-
04/12/22	12,000	730	<96	1,000	2,300	410	3,300	-	-	-	-	-	-	-
05/10/22	21,000	22,000	110	1,000	1,500	170	4,100	-	-	-	-	-	-	-
06/01/22	30,000	15,000	<98	3,800	7,500	1,300	12,000	-	-	-	-	-	-	-
07/14/22	28,000	1,700	<98	2,100	3,600	580	5,100	-	-	-	-	-	-	-

Date (mm/dd/yy)	Midfluent 1 TPHg Conc. (µg/L)	Midfluent 1 TPHd Conc. (µg/L)	Midfluent 1 TPHmo Conc. (µg/L)	Midfluent 1 Benzene Conc. (µg/L)	Midfluent 1 Toluene Conc. (µg/L)	Midfluent 1 Ethylbenzene Conc. (µg/L)	Midfluent 1 Xylenes Conc. (µg/L)	Midfluent 2 TPHg Conc. (µg/L)	Midfluent 2 TPHd Conc. (µg/L)	Midfluent 2 TPHmo Conc. (µg/L)	Midfluent 2 Benzene Conc. (µg/L)	Midfluent 2 Toluene Conc. (µg/L)	Midfluent 2 Ethylbenzene Conc. (µg/L)	Midfluent 2 Xylenes Conc. (µg/L)
05/08/15	131	<400	<400	<1.0	<1.0	<1.0	<3.0	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
05/27/15	1,280	2,300	530	<1.0	<1.0	1.4	9.3	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
06/16/15	18,100 c,d	99,400	4,700	<25.0	255	647	4,150	5,600	32,600	1,700	<2.0	6.2	19	122
09/03/15	1,760	2,800	<400	25.5	27.1	5.7	52.6	<100	540	<400	<1.0	<1.0	<1.0	<3.0
09/16/15	836	2,900	<400	<1.0	1.2	1.1	7.6	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
11/13/15	364 b	<410	<410	<1.0	2.5	<1.0	17.6	<100	<400	<400	<1.0	2.4	<1.0	4.5
01/15/16	<100	<400	<400	<1.0	<1.0 f	<1.0 f	<3.0 g	<100	<430	530	<1.0	<1.0	<1.0	<3.0
01/21/16	Not sampled							Not sampled						
02/08/16	1,360	<430 i	<430 i	108	68.4	<1.0	207 g	<100	<410	<410	<1.0	<1.0	<1.0	<3.0
03/04/16	3,630	<410	<410	500	375	18.9	573	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
04/11/16	<100	<410	<410	3.7	<1.0	<1.0	4.4	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
04/19/16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
05/10/16	<100	<400	<400	1.6	<1.0	<1.0	<3.0	<100	<380	<380	<1.0	<1.0	<1.0	<3.0
07/14/16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
09/14/16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
10/10/16	<100	850	<430	<1.0	<1.0	<1.0	<3.0	<100	<390	<390	<1.0	<1.0	<1.0	<3.0
11/02/16	701	690	1,800	<1.0	<1.0	<1.0	<3.0	<100	<390	560	7	16	2.7	44
12/06/16	647	4,500	<400	4.0	3.9	<1.0	9.2	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
01/01/17	SYSTEM OFF							SYSTEM OFF						
02/27/17	291	<400	<400	13.2	39.8	2.3	34.3	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
03/27/17	2,110	740	<400	232	249	33.1	280	<100	<410	<410	1.3	1.4	<1.0	<3.0
04/20/17	2,360	1,100	<550	217	250	19.0	222	<100	<400	<400	4.5	4.6	<1.0	3.9
05/11/17	543	3,100	<400	43.9	25.5	1.1	44.9	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
06/08/17	146	<400	<400	25.9	5.7	<1.0	14.8	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
07/10/17	<100	<400	<400	23.3	5.2	<1.0	<3.0	<100	<390	<390	<1.0	<1.0	<1.0	<3.0
08/23/17	842	1,000	<390	112	48.7	1.5	74.0	<100	<400	<400	6.1	2.5	<1.0	4.3
09/21/17	<100	2,100	<380	16.7	3.8	<1.0	<3.0	<100	390	<370	<1.0	<1.0	<1.0	<3.0
10/16/17	279	<400	<400	18.4	5.5	<1.0	17.5	<100	<370	<370	2.7	<4.0	<1.0	<3.0
11/20/17	<100	520	<390	12.5	3.3	<1.0	<3.0	<100	<380	<380	2.2	<1.0	<1.0	<3.0
12/11/17	<100	750	<380	11.1	2.4	<1.0	<3.0	<100	<370	<370	<1.0	<1.0	<1.0	<3.0
01/01/18	SYSTEM OFF							SYSTEM OFF						
02/16/18	<100	<400	<400	12.9	2.5	<1.0	<3.0	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
03/13/18	<100	<370	<370	12	<1.0	1.9	<1.0	<100	<370	<370	<1.0	<1.0	<1.0	<3.0
04/17/18	220	<390	<390	14	2.8	<1.0	15.9	<100	780	<380	1.3	<1.0	<1.0	<3.0
05/16/18	156	<380	<380	11.4	1.9	<1.0	5.8	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
06/13/18	209	<400	<400	15.2	3.2	<1.0	34.4	<100	<380	<380	1.1	<1.0	<1.0	<3.0
07/17/18	<100	<390	<390	19.9	3.3	<1.0	<3.0	<100	<390	<390	<1.0	<1.0	<1.0	<3.0
08/13/18	<100	<390	<390	14.8	1.7	<1.0	8.5	<100	<380	<380	1.1	<1.0	<1.0	<3.0
09/12/18	<100	1,000	440	14.9	1.3	<1.0	4.5	<100	1,700	1,600	1.2	<1.0	<1.0	<3.0
10/08/18	<100	<390	<390	11.1	1.2	<1.0	<3.0	<100	<370	<370	1.2	<1.0	<1.0	<3.0
11/08/18	<100	<390	<390	11.2	1.6	<1.0	<3.0	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
12/10/18	<100	<390	<390	11.1	2.1	<1.0	<3.0	<100	<390	<390	<1.0	<1.0	<1.0	<3.0
01/09/19	<100	<390	<390	9.7	2.1	<1.0	<3.0	<100	<390	<390	<1.0	<1.0	<1.0	<3.0
02/13/19	<100	<380	<380	9.5	2.3	<1.0	6.2	<100	<380	<380	1.5	<1.0	<1.0	<3.0
03/22/19	<100	<390	<390	14.2	3.0	<1.0	<3.0	<100	<380	<380	1.3	<1.0	<1.0	<3.0
04/03/19	SYSTEM OFF FOR OXIDIZER REPAIR							SYSTEM OFF FOR OXIDIZER REPAIR						
05/22/19	<100	<400	<400	8.6	2.2	<1.0	<3.0	<100	<370	<370	<1.0	<1.0	<1.0	<3.0
06/13/19	<100	<417	<417	18	3.0	<1.0	<3.0	<100	<417	<417	1.2	<1.0	<1.0	<3.0
07/23/19	<100	<385	<385	15.5	3.1	<1.0	<3.0	<100	<408	<408	<1.0	<1.0	<1.0	<3.0
08/16/19	<100	1,050	<455	12.2	2.0	<1.0	<3.0	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
09/16/19	<100	862	<435	16.6	2.7	<1.0	<3.0	<100	<417	<417	<1.0	<1.0	<1.0	<3.0
10/11/19	<100	<385	<385	6.6	<1.0	<1.0	3.6	<100	<377	<377	<1.0	1.2	<1.0	<3.0
11/08/19	<100	<377	<377	7.3	1.3	<1.0	<3.0	<100	<385	<385	<1.0	<1.0	<1.0	<3.0
12/16/19	<100	<417	<417	7.9	1.4	<1.0	<3.0	<100	<385	<385	<1.0	<1.0	<1.0	<3.0
01/16/20	431	770	<417	67.1	32.4	<1.0	50.1	<100	<400	<400	6.2	1.2	<1.0	<3.0
02/06/20	199	490	<417	40	15.2	<1.0	28.5	<100	<400	<400	8.3	1.8	<1.0	<3.0
03/16/20	1,440	<400	<400	99.2	97.0	1.9	216	185	<392	<392	12.8	10.4	<1.0	21.2
04/09/20	1,050	754	<400	17.5	12.4	2.7	90.7	<100	<400	<400	2.9	1.1	<1.0	7.2
05/19/20	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
06/08/20	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<100	<385	<385	<1.0	<1.0	<1.0	<3.0
07/15/20	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<100	<392	<392	<1.0	<1.0	<1.0	<3.0
08/10/20	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	<100	<392	<392	<1.0	<1.0	<1.0	<3.0
09/15/20	<100	<435	<435	<1.0	<1.0	<1.0	<3.0	<100	<476	<476	<1.0	<1.0	<1.0	<3.0
10/13/20	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
11/11/20	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	<100	<385	<385	<1.0	<1.0	<1.0	<3.0
12/09/20	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	<100	<417	<417	<1.0	<1.0	<1.0	<3.0
01/18/21	3,630	<408	<408	269	410	34.5	360	<100	<408	<408	<1.0	<1.0	<1.0	<3.0
02/18/21	43,600	12,200	626	4,920	5,150	528	4,700	<100	<426	<426	<1.0	<1.0	<1.0	<3.0
03/10/21	12,000	<408	<408	3,340	1,970	128	1,110	<100	<400	<400	<1.0	<1.0	<1.0	<3.0
04/21/21	22,200	921	<417	4,190	5,260	338	3,340	<100	<408	<408	<1.0	<1.0	<1.0	<3.0
05/13/21	33,800	1,990	<417	3,910	6,250	633	6,870	<100	<400	<400	1.11	<1.0	<1.0	<3.0
06/30/21	203	8,950	407	7.83	14.2	2.18	27.9	<100	<392	<392	<1.0	<1.0	<1.0	<3.0
07/20/21	<100	1,030	<426	1.70	7.6	2.10	25.8	<100	<417	<417	<1.0	<1.0	<1.0	<3.0
08/05/21	<100	<99	-	0.77	3.5	<1.0	10	<100	<95	-	<0.5	<1.0	<1.0	<2.0
09/14/21	240	120	<97	140	15	<1.0	9.0	<100	<95	<95	<0.5	<1.0	<1.0	<2.0
10/13/21	200	<96	<96	99	11	<1.0	7.6	<100	<96	<96	<0.5	<1.0	<1.0	<2.0
11/03/21	160	<96	<96	76	8	<1.0	7.0	<100	<96	<96	<2.0	<4.0	<4.0	<8.0
12/08/21	120	690	<100	85	8	<1.0	7.0	<100	<97	<97	<0.5	<1.0	<1.0	<2.0
01/17/22	210	580	<100	91	12	<1.0	12.0	<100	<100	<100	<0.5	<1.0	<1.0	<2.0
02/10/22	340	290	<110	120	30	<4.0	39.0	<100	<100	<100	<2.0	<4.0	<4.0	<8.0
03/09/22	360	230	<100	150	37	<4.0	33.0	<100	<99	<99	<2.0	<4.0	<4.0	<8.0
04/12/22	420	<93	<93	200	69	4.4	49.0	<100	<94	<94	<0.5	<1.0	<1.0	<2.0
05/10/22	590	320	<94	250	83	4.2	46.0	<100	<93	<93	<1.0	<2.0	<2.0	<4.0
06/01/22	640	370	<96	320	110	5.6	64.0	<100	<93	<93	<0.5	<1.0	<1.0	<2.0
07/14/22	830	<95	<95	360	130	6.0	67.0	<100	<94	<94	<0.5	<1.0	<1.0	<2.0

Date (mm/dd/yy)	Effluent TPHg Conc. (µg/L)	Effluent TPHd Conc. (µg/L)	Effluent TPHmo Conc. (µg/L)	Effluent Benzene Conc. (µg/L)	Effluent Toluene Conc. (µg/L)	Effluent Ethylbenzene Conc. (µg/L)	Effluent Xylenes Conc. (µg/L)	pH[a]	FOG Conc. (µg/L)
05/08/15	<100	<400	<400	<1.0	8.9	2.3	10.5	NM	<6,800
05/27/15	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.3	<6,500
06/16/15	463	2,000	<420	<1.0	<1.0	<1.0	<3.0	NM	<6,600
09/03/15	<100	<400	<400	<1.0	<1.0	<1.0	<6.6	7.1	NM
09/16/15	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	NM	<6,400
11/13/15	407	<400	<400	<1.0	2.1	1.3	19.5	7.2	<19,200
01/15/16	<100 h	<400	<400	<1.0	<1.0	<1.0	<3.0	9.9	<6,600 e
01/21/16	Not sampled								
02/08/16	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	6.2	<6,700
03/04/16	<100 e	<400	<400	<1.0	<1.0	<1.0	<3.0	6.0	<6,800
04/11/16	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	NM	<6,500
04/19/16	NM	NM	NM	NM	NM	NM	NM	6.1	NM
05/10/16	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	6.6	<6,400
07/14/16	<250	<190	<290	<0.5	<0.5	<0.5	<1.5	9.3	NM
09/14/16	<250	<180	<270	<0.5	<0.5	<0.5	<1.5	NM	<19,200
10/10/16	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	9.4	<6,400
11/02/16	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	7.1	<6,300
12/06/16	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	6.3	<6,300
01/01/17	SYSTEM OFF								
02/27/17	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	6.2	<6,500
03/27/17	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	7.2	<6,400
04/20/17	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.5	<6,700
05/11/17	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	7.4	<6,500
06/08/17	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.8	<6,500
07/10/17	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	7.6	<6,700
08/23/17	<100	450	<360	<1.0	<1.0	<1.0	<3.0	6.3	<6,300
09/21/17	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	7.3	<6,400
10/16/17	<100	<390	<390	<1.0	8.4	<1.0	<3.0	6.8	<6,200
11/20/17	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	7.9	<6,400
12/11/17	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	8.2	<6,400
01/01/18	SYSTEM OFF								
02/16/18	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	8.4	<6,500
03/13/18	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.5	<6,300
04/17/18	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.6	<6,400
05/16/18	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.8	<6,500
06/13/18	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	8.4	<6,200
07/17/18	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	6.5	<6,300
08/13/18	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.7	<6,200
09/12/18	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	6.8	<6,900
10/08/18	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	7.8	<6,600
11/08/18	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	6.6	<6,800
12/10/18	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.1	<5,000
01/09/19	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	8.5	<1,600
02/13/19	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.5	<1,700
03/22/19	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.2	<6,500
04/03/19	SYSTEM OFF FOR OXIDIZER REPAIR								
05/22/19	<100	<385	<385	<1.0	<1.0	<1.0	<3.0	7.0	<6,410
06/13/19	<100	<435	<435	<1.0	<1.0	<1.0	<3.0	7.1	<7,250
07/23/19	<100	<385	<385	<1.0	<1.0	<1.0	<3.0	7.0	<6,250
08/16/19	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	6.9	<6,490
09/16/19	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.7	<6,330
10/11/19	<100	<377	<377	<1.0	<1.0	<1.0	<3.0	7.8	<6,410
11/08/19	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.3	<6,330
12/16/19	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.8	<6,410
01/16/20	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.2	<6,760
02/06/20	<100	<435	<435	<1.0	<1.0	<1.0	<3.0	7.5	<6,490
03/16/20	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	8.3	<6,490
04/09/20	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.2	<6,490
05/19/20	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.3	<6,330
06/08/20	<100	<408	<408	<1.0	<1.0	<1.0	<3.0	7.5	<6,580
07/15/20	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	7.0	<6,330
08/10/20	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	6.4	<6,490
09/15/20	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	6.8	<6,250
10/13/20	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	6.7	<6,410
11/11/20	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	7.4	<6,410
12/09/20	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	7.1	<6,410
01/18/21	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	7.4	<6,330
02/18/21	<100	<426	<426	<1.0	<1.0	<1.0	<3.0	6.7	<6,670
03/10/21	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.3	<6,760
04/21/21	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	6.5	<6,490
05/13/21	<100	<435	<435	<1.0	<1.0	<1.0	<3.0	7.8	<6,580
06/30/21	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	7.6	<6,490
07/20/21	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	7.1	<6,760
08/05/21	<100	<96	-	<0.5	<1.0	<1.0	<2.0	6.7	1,400
09/14/21	<100	<96	<96	<0.5	<1.0	<1.0	<2.0	6.2	<1010
10/13/21	<100	<98	<98	<0.5	<1.0	<1.0	<2.0	7.4	<1,000
11/03/21	<100	<99	<99	<0.5	<1.0	<1.0	<2.0	6.8	<1,000
12/08/21	<100	<100	<100	<0.5	<1.0	<1.0	<2.0	7.2	<952
01/17/22	<100	<100	<100	<0.5	<1.0	<1.0	<2.0	6.9	<952
02/10/22	<100	<100	<100	<1.0	<2.0	<2.0	<4.0	6.7	1,140
03/09/22	<100	<100	<100	<0.5	<1.0	<1.0	<2.0	7.1	<952
04/12/22	<100	<95	<95	<0.5	<1.0	<1.0	<2.0	7.3	<947
05/10/22	<100	<98	<98	<0.5	<1.0	<1.0	<2.0	7.1	<1000
06/01/22	<100	<95	<95	<0.5	<1.0	<1.0	<2.0	6.8	952
07/14/22	<100	<95	<95	<0.5	<1.0	<1.0	<2.0	6.6	<952

Table 1

Groundwater Extraction System Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Influent

Date (mm/dd/yy)	TPHg Conc. (µg/L)	TPHd Conc. (µg/L)	TPHmo Conc. (µg/L)	Benzene Conc. (µg/L)	Toluene Conc. (µg/L)	Ethylbenzene Conc. (µg/L)	Xylenes Conc. (µg/L)
08/04/22	**24,000**	**1,100**	<93	**2,100**	**3,100**	**510**	**6,100**
09/12/22	**7,400**	**960**	<93	**82**	**190**	**72**	**1,900**
Regulatory Limits (µg/L)):				**N/A**			

Influent-2 (Post-air stripper)

Date (mm/dd/yy)	TPHg Conc. (µg/L)	TPHd Conc. (µg/L)	TPHmo Conc. (µg/L)	Benzene Conc. (µg/L)	Toluene Conc. (µg/L)	Ethylbenzene Conc. (µg/L)	Xylenes Conc. (µg/L)
08/04/22	-	-	-	-	-	-	-
09/12/22							
Regulatory Limits (µg/L)):				**N/A**			

Midfluent 1

Date (mm/dd/yy)	TPHg Conc. (µg/L)	TPHd Conc. (µg/L)	TPHmo Conc. (µg/L)	Benzene Conc. (µg/L)	Toluene Conc. (µg/L)	Ethylbenzene Conc. (µg/L)	Xylenes Conc. (µg/L)
08/04/22	<100	<100	<100	<0.5	<1.0	<1.0	<2.0
09/12/22	<100	<100	<100	<0.5	<1.0	<1.0	<2.0
Regulatory Limits (µg/L)):				**N/A**			

Midfluent 2

Date (mm/dd/yy)	TPHg Conc. (µg/L)	TPHd Conc. (µg/L)	TPHmo Conc. (µg/L)	Benzene Conc. (µg/L)	Toluene Conc. (µg/L)	Ethylbenzene Conc. (µg/L)	Xylenes Conc. (µg/L)
08/04/22	<100	<94	<94	**6.6**	**2.9**	<1.0	<2.0
09/12/22	<100	<94	<94	**6.3**	**1.4**	<1.0	<2.0
Regulatory Limits (µg/L)):				**N/A**			

Effluent

Date (mm/dd/yy)	TPHg Conc. (µg/L)	TPHd Conc. (µg/L)	TPHmo Conc. (µg/L)	Benzene Conc. (µg/L)	Toluene Conc. (µg/L)	Ethylbenzene Conc. (µg/L)	Xylenes Conc. (µg/L)	pH[a]	FOG Conc. (µg/L)
08/04/22	<100	<96	<96	<0.5	<1.0	<1.0	<2.0	6.8	<952
09/12/22	<100	<96	<96	<0.5	<1.0	<1.0	<2.0	6.8	<952
Regulatory Limits (µg/L)):		**N/A**		**<70**	**<1,400**	**<1,700**	**<2,200**	**5.5-12**	**<100,000**

Notes and Abbreviations:

mm/dd/yy = month/day/year
Conc. = concentration
TPHg = total petroleum hydrocarbons quantified as gasoline
TPHd = total petroleum hydrocarbons quantified as diesel
TPHmo = total petroleum hydrocarbons quantified as motor oil
FOG = fats, oil, and grease
µg/L = micrograms per liter
<X.X = not detected at or below the detection limit indicated
NM = no measured
TBD = Sample taken during this time and are awaiting results

TPHg analyzed by Method NWTPHd-X.
TPHg analyzed by Method NWTPHg-X.
Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B.
FOG analyzed by Method 1664 HEM.
a = pH measured in the field.
b = The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits. (D6)
c = The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low. (CL)
d = Analyte concentration exceeded the calibration range. The reported results is estimated. (E)
e = Laboratory adjusted pH to 2. (1M)
f = Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. (M1)
g = Analyte recovery in the matrix spike was outside QC limits for one or more of the constituents analytes used in the calculated result. (MS)
h = Post-analysis pH measurements indicates insufficient VOA sample preservation. (pH)
i = Result confirmed by second analysis. (C0)

Table 2

Groundwater Extraction System Operational Data
Phillips 66 Company
Renton Terminal
Renton, Washington

				Water Extraction				LNAPL		TPHg			Benzene		
Date (mm/dd/yy)	Hour Meter Reading	SV-3102 (hrs)	Total Uptime*	Totalizer Reading (gallons)	Cumulative Flow (gallons)	Average Flow Rate (gpd)	Average Flow Rate (gpm)	Cumulative recovery (gallons)	Influent Conc. (µg/L)	Removal Rate (ppd)	Cumulative Recovery (pounds)	Influent Conc. (µg/L)	Removal Rate (ppd)	Cumulative Recovery (pounds)
05/08/15	NM		NA	0	0	NA	NA	0	393,000	NM	0	13,000	NM	0
05/28/15	NM		NM	42,164	42,164	2,108	1.5	NM	153,000	6.91	0	10,200	0.229	0
06/01/15	NM		NM	119,025	119,025	16,694	11.6	90	NM	21.3	0	NM	1.42	0
06/02/15	NM		NM	130,343	130,343	11,186	7.8	90	NM	14.3	0	NM	0.95	0
06/03/15	93		NM	143,175	143,175	12,213	8.5	90	NM	15.6	56	NM	1.04	3.5
06/04/15	117		100%	174,111	174,111	32,517	22.6	90	NM	41.5	98	NM	2.77	6.3
06/05/15	131		69%	190,602	190,602	19,529	13.6	90	NM	24.9	112	NM	1.66	7.3
06/08/15	194		83%	248,551	248,551	18,324	12.7	95	NM	23.4	174	NM	1.56	11.4
06/09/15	208		58%	260,576	260,576	12,025	8.4	97	NM	15.4	183	NM	1.02	12.0
06/10/15	213		23%	267,688	267,688	8,001	5.6	97	NM	10.2	185	NM	0.68	12.1
06/11/15	214		5%	NM	NM	NM	NM	100	NM	NM	NM	NM	NM	NM
06/15/15	235		21%	295,654	295,654	6,645	4.6	105	NM	8.5	193	NM	0.57	12.6
06/16/15	243		38%	304,658	304,658	10,373	7.2	125	660,000	57.1	212	22,100	1.91	13.3
09/02/15	268		1%	329,320	329,320	316	0.2	135	NM	1.7	213	NM	0.06	13.3
09/03/15	268		0%	333,120	333,120	4,800	3.3	135	145,000	5.8	213	8,150	0.33	13.3
09/08/15	271		2%	337,021	337,021	747	0.5	151	NM	0.9	214	NM	0.05	13.3
09/09/15	276		22%	343,401	343,401	6,586	4.6	156	NM	8.0	215	NM	0.45	13.4
09/10/15	293		97%	366,411	366,411	31,557	21.9	160	NM	38.2	242	NM	2.15	14.9
09/16/15	NM		NM	368,733	368,733	374	0.3	160	107,000	0.3	NM	8,440	0.03	NM
09/17/15	324		18%	394,204	394,204	23,288	16.2	188	NM	20.8	269	NM	1.64	17.1
09/18/15	NM		NM	407,869	407,869	15,869	11.0	204	NM	14.2	NM	NM	1.12	NM
09/22/15	NM		NM	409,896	409,896	486	0.3	219	NM	0.4	NM	NM	0.03	NM
09/24/15	NM		NM	423,762	423,762	7,006	4.9	224	NM	6.3	NM	NM	0.49	NM
09/25/15	391		35%	430,097	430,097	6,693	4.6	224	NM	6.0	288	NM	0.47	18.5
09/28/15	463		101%	468,461	468,461	12,962	9.0	254	NM	11.6	323	NM	0.91	21.3
09/28/15	470		97%	NM	NM	NM	NM	254	NM	NM	NM	NM	NM	NM
11/04/15	NM		NM	472,794	NM	NM	NM	254	NM	NM	NM	NM	NM	NM
11/04/15	458		NM	472,814	NM	NM	NM	254	NM	NM	NM	NM	NM	NM
01/14/16	NM		NM	472,820	NM	NM	NM	254	NM	NM	NM	NM	NM	NM
01/15/16	NM		NM	475,012	470,653	1,948	1.4	254	NM	NM	NM	NM	NM	NM
01/19/16	NM		NM	476,154	NM	NM	NM	254	NM	NM	NM	NM	NM	NM
01/20/16	NM		NM	477,419	471,918	1,080	0.8	254	NM	NM	NM	NM	NM	NM
01/21/16	516		NM	489,519	484,018	12,410	8.6	264	80,800	8.4	343	1,540	0.16	21.7
01/26/16	NM		NM	537,500	531,999	10,028	7.0	264	NM	6.8	NM	NM	0.13	NM
01/27/16	658		100%	549,300	543,799	10,554	7.3	279	NM	7.1	385	NM	0.14	22.5
01/28/16	679		98%	566,046	560,545	18,722	13.0	284	NM	12.6	396	NM	0.24	22.7
02/01/16	775		100%	NM	NM	NM	NM	284	NM	NM	NM	NM	NM	NM
02/02/16	804		100%	649,526	644,025	16,375	11.4	284	NM	11.0	453	NM	0.21	23.8
02/08/16	945		99%	718,614	713,113	11,628	8.1	284	8,500	0.8	458	762	0.07	24.2
02/10/16	993		98%	738,027	732,526	9,541	6.6	284	NM	0.7	460	NM	0.06	24.3
02/17/16	1,107		68%	779,343	773,842	5,873	4.1	284	NM	0.4	462	NM	0.04	24.5
02/18/16	1,131		100%	783,228	777,727	3,872	2.7	284	NM	0.3	462	NM	0.02	24.5
02/19/16	1,153		100%	787,922	782,421	5,082	3.5	284	NM	0.4	462	NM	0.03	24.5
02/24/16	1,275		100%	800,538	795,037	2,499	1.7	284	NM	0.2	463	NM	0.02	24.6
02/29/16	1,393		100%	811,196	805,695	2,162	1.5	284	NM	0.2	464	NM	0.01	24.7
03/03/16	1,467		100%	818,810	813,309	2,468	1.7	284	NM	0.2	464	NM	0.02	24.7
03/04/16	1,489		98%	822,699	817,198	4,148	2.9	284	69,200	2.4	467	7,730	0.27	25.0
03/08/16	1,586		100%	836,974	831,473	3,541	2.5	284	NM	2.0	475	NM	0.23	25.9
03/14/16	1,729		99%	858,572	853,071	3,596	2.5	284	NM	2.1	487	NM	0.23	27.3
03/21/16	1,854	81	74%	874,773	869,272	2,313	1.6	284	NM	1.3	494	NM	0.15	28.1
03/31/16	2,095	1,637	100%	905,470	899,969	3,057	2.1	284	NM	1.8	512	NM	0.20	30.1
04/07/16	2,262	1,948	100%	924,033	918,532	2,668	1.9	284	NM	1.5	523	NM	0.17	31.3
04/11/16	2,359	0.841	101%	931,356	925,855	1,812	1.3	NM	16,300	NM	NM	1,400	NM	NM
04/18/16	2,521		98%	935,543	930,042	620	0.4	284	NM	0.1	524	NM	0.01	31.3
04/19/16	2,545		87%	935,960	930,459	417	0.3	284	NM	0.1	524	NM	0.00	31.3
04/21/16	2,590		94%	939,503	934,002	1,890	1.3	286	NM	0.3	524	NM	0.02	31.4
04/25/16	2,686		100%	945,414	939,913	1,478	1.0	286	NM	0.2	525	NM	0.02	31.4
05/03/16	2,860		90%	960,595	955,094	2,094	1.5	294	NM	0.3	527	NM	0.02	31.6
05/04/16	2,866		30%	961,300	955,799	2,820	2.0	294	NM	0.4	527	NM	0.03	31.6
05/10/16	3,014		100%	968,802	963,301	1,217	0.8	295	13,400	0.1	528	998	0.01	31.7
05/13/16	3,085		100%	972,250	966,749	1,166	0.8	295	NM	0.1	528	NM	0.01	31.7
05/17/16	3,181		100%	975,853	970,352	901	0.6	295	NM	0.1	529	NM	0.01	31.8
05/20/16	3,251		100%	979,324	973,823	1,190	0.8	295	NM	0.1	529	NM	0.01	31.8
05/23/16	3,326		100%	982,934	977,433	1,155	0.8	295	NM	0.1	529	NM	0.01	31.8
05/24/16	3,345		100%	984,358	978,857	1,799	1.2	295	NM	0.2	530	NM	0.01	31.8
05/26/16	3,399		100%	986,561	981,060	979	0.7	295	NM	0.1	530	NM	0.01	31.8
07/14/16	3,402		NA	988,514	983,013	15,624	10.9	NM	NM	1.7	530	NM	0.13	31.9
08/01/16	NM		NA	988,514	983,013	NA	NA	NM	NM	NM	NM	NM	NM	NM
10/10/16	3,415		NA	990,903	985,402	NA	NA	295	91,400	NM	NM	6,820	NM	NM
10/24/16	3,419		NA	992,031	986,530	NA	NA	295	NM	NM	NM	NM	NM	NM
10/25/16	3,427		33%	996,053	990,552	12,066	8.4	295	NM	9.2	533	NM	0.69	32.1
10/26/16	3,449	3,154	100%	1,012,766	1,007,265	18,232	12.7	295	NM	13.9	546	NM	1.04	33.0
11/02/16	--	--	--	--	--	--	--	--	123,000	NM	NM	4,660	NM	NM
11/08/16	3,578	3,453	95%	1,173,110	1,167,609	12,870	8.9	595	NM	13.2	711	NM	0.50	39.3
11/11/16	3,578	3,484	52%	1,190,561	1,185,060	13,510	9.4	600	NM	13.9	728	NM	0.53	40.0
11/17/16	3,578	3,552	47%	1,218,771	1,213,270	9,956	6.9	623	NM	10.2	757	NM	0.39	41.0
11/18/16	3,578	3,569	71%	1,225,541	1,220,040	9,558	6.6	655	NM	9.8	764	NM	0.37	41.3
11/23/16	3,578	3,588	16%	1,234,871	1,229,370	11,785	8.2	665	NM	12.1	774	NM	0.46	41.7
11/28/16	3,578	3,711	100%	1,249,041	1,243,540	2,765	1.9	670	NM	2.8	788	NM	0.11	42.2
12/02/16	3,578	3,780	72%	1,280,241	1,274,740	10,852	7.5	810	NM	11.1	820	NM	0.42	43.4
12/05/16	3,578	3,813	46%	1,294,611	1,289,110	10,451	7.3	863	NM	10.7	835	NM	0.41	44.0
12/06/16	3,578	3,834	88%	1,294,871	1,289,370	297	0.2	863	168,000	0.4	836	12,200	0.03	44.0
12/15/16	3,578	3,869	16%	1,301,001	1,295,500	4,203	2.9	1003	NM	5.9	844	NM	0.43	44.6
12/19/16	3,578	3,947	81%	1,328,511	1,323,010	8,465	5.9	1003	NM	11.9	883	NM	0.86	47.4
02/07/17	3,578	3,951	0%	1,330,662	1,325,161	12,906	9.0	1003	NM	17.6	886	NM	1.02	47.6
02/10/17	3,578	4,011	83%	1,336,888	1,331,387	2,490	1.7	1003	NM	3.4	894	NM	0.20	48.1
02/13/17	3,578	4,022	15%	1,341,190	1,335,689	9,386	6.5	1003	NM	12.8	900	NM	0.74	48.4
02/15/17	3,578	4,068	96%	1,357,847	1,352,346	8,691	6.0	1023	NM	11.8	923	NM	0.69	49.8
02/27/17	3,578	4,162	33%	1,377,574	1,372,073	5,037	3.5	1173	163,000	6.9	949	9,450	0.40	51.3
03/06/17	3,578	4,284	73%	1,415,527	1,410,026	7,466	5.2	1173	NM	7.4	987	NM	1.01	56.4
03/07/17	3,578	4,310	100%	1,425,028	1,419,527	8,770	6.1	1173	NM	8.6	996	NM	1.19	57.7
03/13/17	3,578	4,346	25%	1,443,676	1,438,175	12,432	8.6	1173	NM	12.2	1,015	NM	1.68	60.3

Groundwater Extraction System Operational Data
Phillips 66 Company
Renton Terminal
Renton, Washington

				Water Extraction				LNAPL		TPHg			Benzene		
Date	Hour Meter Reading	SV-3102	Total Uptime*	Totalizer Reading	Cumulative Flow	Average Flow Rate	Average Flow Rate	Cumulative recovery	Influent Conc.	Removal Rate	Cumulative Recovery	Influent Conc.	Removal Rate	Cumulative Recovery
(mm/dd/yy)		(hrs)		(gallons)	(gallons)	(gpd)	(gpm)	(gallons)	(µg/L)	(ppd)	(pounds)	(µg/L)	(ppd)	(pounds)
03/22/17	3,578	4,523	82%	1,506,046	1,500,545	8,457	5.9	1173	NM	8.3	1,076	NM	1.14	68.7
03/27/17	3,578	4,632	91%	1,542,554	1,537,053	8,038	5.6	1203	118,000	7.9	1,112	16,200	1.09	73.6
03/31/17	3,578	4,730	100%	1,571,505	1,566,004	7,090	4.9	1250	NM	7.0	1,140	NM	0.96	77.5
04/03/17	3,578	4,797	93%	1,593,739	1,588,238	7,964	5.5	1267	NM	9.6	1,167	NM	1.08	80.6
04/17/17	3,578	5,122	97%	1,660,630	1,655,129	4,940	3.4	1472	NM	5.9	1,248	NM	0.67	89.7
04/20/17	3,578	5,193	99%	1,683,196	1,677,695	7,628	5.3	1472	144,000	9.2	1,275	16,300	1.04	92.7
04/25/17	3,578	5,310	98%	1,725,915	1,720,414	8,763	6.1	1532	NM	10.5	1,326	NM	1.19	98.5
05/02/17	3,578	5,419	65%	1,786,988	1,781,487	13,447	9.3	1815	NM	10.4	1,373	NM	0.66	101.5
05/11/17	3,578	5,633	99%	1,837,690	1,832,189	5,686	3.9	1825	92,900	4.4	1,413	5,870	0.28	104.0
05/17/17	3,578	5,770	95%	1,879,057	1,873,556	7,247	5.0	1825	NM	5.6	1,445	NM	0.35	106.0
05/30/17	3,578	6,068	96%	1,934,549	1,929,048	4,469	3.1	1825	NM	3.5	1,488	NM	0.22	108.8
06/05/17	3,578	6,192	86%	1,958,982	1,953,481	4,729	3.3	1825	NM	2.0	1,498	NM	0.10	109.3
06/09/17	3,578	6,283	95%	1,972,708	1,967,207	3,620	2.5	1825	49,900	1.5	1,504	2,530	0.08	109.6
06/20/17	3,578	6,524	91%	2,010,460	2,004,959	3,760	2.6	1825	NM	1.6	1,519	NM	0.08	110.4
06/26/17	3,578	6,662	96%	2,024,580	2,019,079	2,456	1.7	1825	NM	1.0	1,525	NM	0.05	110.7
7/6/17 12:00	3,578	6,900	100%	2,048,780	2,043,279	2,440	1.7	1825	NM	0.5	1,530	NM	0.03	111.0
7/10/17 10:00	3,578	6,994	100%	2,056,292	2,050,791	1,918	1.3	1825	25,000	0.4	1,532	1,530	0.02	111.1
7/17/17 11:20	3,578	7,156	99%	2,085,700	2,080,199	4,357	3.0	1825	NM	0.9	1,538	NM	0.06	111.4
7/21/17 12:00	3,578	7,252	100%	2,105,609	2,100,108	4,977	3.5	1825	NM	1.0	1,542	NM	0.06	111.7
7/31/17 9:00	3,578	7,483	99%	2,180,003	2,174,502	7,729	5.4	1825	NM	1.6	1,558	NM	0.10	112.6
8/7/17 7:30	3,578	7,559	46%	2,218,824	2,213,323	12,259	8.5	1825	NM	4.9	1,573	NM	0.70	114.9
8/23/17 8:50	3,578	7,570	3%	2,223,756	2,218,255	10,761	7.5	1825	47,700	4.3	1,575	6,880	0.62	115.1
8/30/17 14:15	3,578	7,737	99%	2,300,587	2,295,086	11,042	7.7	1825	NM	4.4	1,606	NM	0.63	119.6
9/7/17 8:00	3,578	7,870	97%	2,352,720	2,347,219	9,407	6.5	1825	NM	1.1	1,611	NM	0.09	120.0
9/20/17 9:52	3,578	8,013	88%	2,411,690	2,406,189	9,897	6.9	1825	13,500	1.1	1,618	1,120	0.09	120.6
9/29/17 9:35	3,578	8,183	82%	2,480,603	2,475,102	9,729	6.8	1825	NM	1.1	1,626	NM	0.09	121.2
10/2/17 14:20	3,578	8,255	99%	2,504,617	2,499,116	8,005	5.6	1825	NM	1.5	1,630	NM	0.07	121.5
10/10/17 16:30	3,578	8,396	78%	2,560,141	2,554,640	9,451	6.6	1825	NM	1.8	1,641	NM	0.09	122.0
10/16/17 9:30	3,578	8,535	100%	2,569,277	2,563,776	1,577	1.1	1825	22,500	0.3	1,643	1,080	0.01	122.0
10/20/17 6:30	3,578	8,621	92%	2,582,850	2,577,349	3,788	2.6	1825	NM	0.7	1,645	NM	0.03	122.2
11/1/17 14:45	3,578	8,860	97%	2,616,164	2,610,663	3,345	2.3	1825	NM	1.1	1,656	NM	0.06	122.8
11/7/17 8:00	3,578	8,993	97%	2,638,991	2,633,490	4,119	2.9	1825	NM	1.4	1,664	NM	0.07	123.2
11/20/17 14:25	3,578	9,267	88%	2,695,549	2,690,048	4,954	3.4	1825	40,400	1.7	1,683	2,110	0.09	124.1
11/29/17 13:45	3,578	9,425	99%	2,725,691	2,720,190	4,579	3.2	1825	NM	1.5	1,693	NM	0.08	124.7
12/4/17 9:15	3,578	9,540	100%	2,742,200	2,736,699	3,445	2.4	1825	NM	0.8	1,697	NM	0.04	124.9
12/7/17 11:30	3,578	9,612	100%	2,749,640	2,744,139	2,480	1.7	1825	NM	0.6	1,699	NM	0.03	125.0
12/11/17 14:05	3,578	9,711	100%	2,759,399	2,753,898	2,366	1.6	1825	28,000	0.6	1,701	1,560	0.03	125.1
12/13/17 8:23	3,578	9,754	100%	2,763,143	2,757,642	2,090	1.5	1825	NM	0.5	1,702	NM	0.03	125.2
12/18/17 10:15	3,578	9,846	100%	2,770,770	2,765,269	1,990	1.4	1825	NM	0.5	1,704	NM	0.03	125.3
12/20/17 13:30			System off for winterization											
2/9/18 13:00		9,962	100%	2,800,314	2,794,813	6,113	4.2	1825	NM	2.5	1,716	NM	0.31	126.8
2/16/18 13:00		9,978	23%	2,807,927	2,802,426	11,420	7.9	1825	49,800	4.7	1,719	6,050	0.58	127.1
3/1/18 8:10		10,191	99%	2,873,717	2,868,216	7,413	5.1	1825	NM	1.1	1,729	NM	0.01	127.2
3/5/18 9:10		10,279	98%	2,900,156	2,894,655	7,211	5.0	1825	NM	1.1	1,733	NM	0.01	127.3
3/15/18 9:00		10,478	87%	2,990,663	2,985,162	10,915	7.6	1825	18,400	1.7	1,747	186	0.02	127.4
3/19/18 8:00		10,566	100%	3,024,765	3,019,264	9,301	6.5	1825	NM	1.4	1,752	NM	0.01	127.5
4/2/18 7:30		10,723	47%	3,089,084	3,083,583	9,832	6.8	1825	NM	2.3	1,767	NM	0.17	128.6
4/6/18 9:40		10,723	0%	3,091,545	3,086,044	0	0.0	1825	NM	0.0	1,767	NM	0.00	128.6
4/12/18 14:40		10,814	61%	3,122,115	3,116,614	8,062	5.6	1825	NM	1.9	1,774	NM	0.14	129.1
4/17/18 10:15		10,923	94%	3,141,330	3,135,829	4,231	2.9	1825	27,600	1.0	1,779	2,020	0.07	129.4
4/23/18 13:00		11,047	84%	3,166,938	3,161,437	4,956	3.4	1825	NM	1.1	1,785	NM	0.08	129.8
4/30/18 8:00		11,209	99%	3,239,670	3,234,169	10,775	7.5	1825	NM	2.5	1,801	NM	0.18	131.1
5/7/18 8:00		11,348	91%	3,293,595	3,288,094	9,311	6.5	1825	NM	2.2	1,814	NM	0.08	131.5
5/16/18 9:00		11,497	69%	3,349,042	3,343,541	8,931	6.2	1825	27,800	2.1	1,827	1,030	0.08	132.0
5/23/18 15:30		11,667	99%	3,398,479	3,392,978	6,979	4.8	1825	NM	1.6	1,838	NM	0.06	132.4
5/30/18 8:55		11,827	99%	3,434,241	3,428,740	5,364	3.7	1825	NM	1.2	1,847	NM	0.05	132.7
6/6/18 6:30		11,985	95%	29,067	3,457,807	4,415	3.1	1825	NM	1.7	1,858	NM	0.08	133.3
6/8/18 7:20		12,032	96%	46,829	3,475,569	9,070	6.3	1825	NM	3.5	1,864	NM	0.17	133.6
6/13/18 7:30		12,055	97%	52,217	3,480,957	5,622	3.9	1825	45,600	2.1	1,866	2,260	0.11	133.7
6/18/18 9:00		12,177	100%	81,976	3,510,716	5,854	4.1	1825	NM	2.2	1,878	NM	0.11	134.3
6/25/18 8:45		12,340	97%	111,917	3,540,657	4,408	3.1	1825	NM	1.7	1,889	NM	0.08	134.8
7/3/18 6:50		12,526	98%	226,867	3,655,607	14,832	10.3	1825	NM	8.1	1,952	NM	0.72	140.4
7/17/18 9:45		12,853	96%	302,917	3,731,657	5,582	3.9	1962	65,300	3.0	1,993	5,800	0.27	144.1
7/31/18 11:20		13,183	98%	386,950	3,815,690	6,111	4.2	2175	NM	3.3	2,039	NM	0.30	148.2
8/6/18 14:00		13,327	98%	456,417	3,885,157	11,578	8.0	2175	NM	2.2	2,052	NM	0.20	149.4
8/13/18 8:00		13,444	99%	506,417	3,935,157	10,256	7.1	2175	22,500	1.9	2,061	2,070	0.18	150.2
8/20/18 10:05		13,548	100%	545,407	3,974,147	8,998	6.2	2175	NM	1.7	2,069	NM	0.16	150.9
8/23/18 11:00		13,618	96%	574,198	4,002,938	9,871	6.9	2175	NM	1.9	2,074	NM	0.17	151.4
8/30/18 13:30		13,783	100%	611,177	4,039,917	5,379	3.7	2175	NM	1.0	2,081	NM	0.09	152.0
9/5/18 15:00		13,922	99%	653,168	4,081,908	7,250	5.0	2175	NM	1.1	2,088	NM	0.06	152.4
9/12/18 8:00		13,989	100%	682,666	4,111,406	10,566	7.3	2175	19,000	1.7	2,092	963	0.08	152.6
9/24/18 8:20		14,249	90%	774,327	4,203,067	8,461	5.9	2175	NM	1.3	2,107	NM	0.07	153.3
10/8/18 10:00		14,572	96%	856,389	4,285,129	6,097	4.2	2175	12,700	0.81	2,123	1,540	0.06	154.2
10/16/18 11:00		14,686	62%	882,900	4,311,640	5,581	3.9	2175	NM			NM		
10/25/18 9:00		14,885	93%	903,167	4,331,907	2,444	1.7	2175	NM			NM		
10/30/18 12:30		14,991	86%	918,400	4,347,140	3,449	2.4	2175	NM			NM		
11/1/18 7:30		15,035	100%	921,957	4,350,697	1,940	1.3	2175	NM			NM		
11/5/18 8:20		15,132	100%	930,167	4,358,907	2,031	1.4	2175	NM			NM		
11/8/18 8:40		15,205	100%	938,367	4,367,107	2,696	1.9	2175	15,300	0.31	2,137	2,140	0.04	155.6
11/12/18 8:49		15,301	100%	946,787	4,375,527	2,105	1.5	2175	NM			NM		
11/21/18 7:36		15,508	96%	954,927	4,383,667	944	0.7	2175	NM			NM		
11/29/18 8:40		15,627	62%	989,100	4,417,840	6,892	4.8	2175	NM			NM		
12/4/18 8:27		15,744	98%	997,057	4,425,797	1,632	1.1	2175	NM			NM		
12/12/18 7:45		15,932	98%	1,016,647	4,445,387	2,501	1.7	2180	31,600	0.49	2,150	1,460	0.04	156.8
12/21/18 8:35		16,039	92%	1,030,267	4,459,007	3,055	2.1	2180	NM			NM		
1/2/19 8:25		16,328	100%	1,063,537	4,492,277	2,763	1.9	2180	NM			NM		
1/9/19 9:15		16,457	78%	1,078,577	4,507,317	2,798	1.9	2180	31,400	0.74	2,163	1,750	0.04	157.6
1/14/19 9:15		16,578	100%	1,092,267	4,521,007	2,715	1.9	2180	NM			NM		
1/21/19 8:15		16,742	98%	1,103,117	4,531,857	1,588	1.1	2180	NM			NM		
1/28/19 9:09		16,910	99%	1,114,627	4,543,367	1,644	1.1	2180	NM			NM		

Table 2

Groundwater Extraction System Operational Data
Phillips 66 Company
Renton Terminal
Renton, Washington

				Water Extraction					LNAPL		TPHg			Benzene		
Date (mm/dd/yy)	Hour Meter Reading	SV-3102 (hrs)	Total Uptime*	Totalizer Reading (gallons)	Cumulative Flow (gallons)	Average Flow Rate (gpd)	Average Flow Rate (gpm)	Cumulative recovery (gallons)	Influent Conc. (µg/L)	Removal Rate (ppd)	Cumulative Recovery (pounds)	Influent Conc. (µg/L)	Removal Rate (ppd)	Cumulative Recovery (pounds)
2/8/19 10:00		17,170	100%	1,134,637	4,563,377	1,847	1.3	2180	NM			NM		
2/13/19 12:00		17,290	100%	1,144,347	4,573,087	1,942	1.3	2180	24,500	0.45	2,184	746	0.02	158.6
2/18/19 9:50		17,406	100%	1,158,237	4,586,977	2,874	2.0	2180	NM			NM		
2/25/19 8:10		17,572	100%	1,175,557	4,604,297	2,504	1.7	2180	NM			NM		
3/22/19 8:25		17,827	100%	1,196,417	4,625,157	1,963	1.4	2180	25,200	0.41	2,193	1,600	0.02	159.0
3/29/19 9:23		17,995	99%	1,211,678	4,640,418	2,180	1.5	2180	NM			NM		
4/2/19 7:25		18,086	97%	1,221,777	4,650,517	2,663	1.8	2180	NM			NM		
5/9/19 13:00		18,128	23%	1,224,823	4,653,563	1,741	1.2	2180	NM			NM		
5/13/19 11:30		18,221	100%	1,230,900	4,659,640	1,568	1.1	2180	NM			NM		
5/22/19 8:20		18,435	100%	1,241,317	4,670,057	1,168	0.8	2180	21,600	0.23	2,201	1,860	0.02	159.5
5/28/19 7:10		18,578	100%	1,246,707	4,675,447	905	0.6	2180	NM			NM		
6/12/19 7:30		18,915	99%	1,279,535	4,708,275	2,338	1.6	2180	NM			NM		
6/13/19 7:45		18,938	95%	1,283,200	4,711,940	3,824	2.7	2180	8,550	0.48	2,209	443	0.04	160.1
6/20/19 7:00		19,105	100%	1,301,257	4,729,997	2,595	1.8	2180	NM			NM		
7/15/19 8:10		19,176	100%	1,303,809	4,732,549	863	0.6	2220	NM			NM		
7/23/19 10:15		19,365	100%	1,303,809	4,732,549	0	0.0	2237	37,700	0.00	2,213	4,820	0.00	160.4
8/2/19 7:20		19,561	85%	1,305,193	4,733,933	169	0.1	2431	NM			NM		
8/8/19 7:30		19,706	100%	1,306,182	4,734,922	164	0.1	2510	NM			NM		
8/16/19 7:00		19,885	93%	1,308,382	4,737,122	295	0.2	2593	104,000	0.17	2,215	20,500	0.03	160.7
8/23/19 6:45		20,011	75%	1,309,770	4,738,510	264	0.2	2593	NM			NM		
8/30/19 6:30		20,179	100%	1,310,858	4,739,598	155	0.1	2816	NM			NM		
9/16/19 9:00		20,548	90%	1,311,908	4,740,648	68	0.05	2960	104,000	0.06	2,218	21,000	0.01	161.3
9/30/19 8:30		20,767	100%	1,312,735	4,741,475	91	0.1	3137	NM			NM		
10/7/19 8:55		20,930	99%	1,313,725	4,742,465	114	0.1	3202	NM			NM		
10/11/19 8:15		21,026	100%	1,313,906	4,742,646	45	0.03	3202	111,000	0.07	2,219	23,600	0.01	161.6
10/16/19 11:30		21,097	100%	1,313,987	4,742,727	27	0.02	3309	NM			NM		
10/23/19 8:00		21,258	98%	1,314,008	4,742,748	3	0.002	3309	NM			NM		
10/28/19 7:15		21,387	100%	1,314,859	4,743,599	158	0.11	3515	NM			NM		
11/4/19 8:15		21,547	100%	1,314,859	4,743,599	0	0.00	3629	NM			NM		
11/8/19 8:30		21,644	100%	1,314,900	4,743,640	10	0.01	3629	136,000	0.04	2,221	23,000	0.008	161.9
11/18/19 8:00		21,883	100%	1,315,640	4,744,380	74	0.05	3758	NM			NM		
11/25/19 7:30		22,051	100%	1,315,640	4,744,380	0	0.00	3816	NM			NM		
12/4/19 8:15		22,202	70%	1,315,740	4,744,480	16	0.01	3816	NM			NM		
12/9/19 7:15		22,319	98%	1,315,786	4,744,526	9	0.01	3898	NM			NM		
12/16/19 11:00		22,487	100%	1,316,046	4,744,786	37	0.03	3898	121,000	0.03	2,222	23,900	0.005	162.1
12/30/19 7:30		22,818	100%	1,317,952	4,746,692	138	0.10	4029	NM			NM		
1/6/20 9:30		22,988	100%	1,318,020	4,746,760	10	0.01	4120	NM			NM		
1/16/20 8:35		23,212	97%	1,320,668	4,749,408	284	0.20	4238	181,000	0.15	2,225	23,100	0.023	162.5
1/27/20 7:30		23,410	100%	1,321,247	4,749,987	70	0.05	4336	NM			NM		
2/6/20 9:10		23,650	99%	1,322,111	4,750,851	86	0.06	4361	189,000	0.23	2,228	30,500	0.033	163.0
2/10/20 7:50		23,745	100%	1,322,957	4,751,697	214	0.15	4412	NM			NM		
2/18/20 7:50		23,937	100%	1,323,800	4,752,540	105	0.07	4489	NM			NM		
3/2/20 7:50		24,154	100%	1,325,617	4,754,357	201	0.14	4541	NM			NM		
3/9/20 7:50		24,321	99%	1,327,275	4,756,015	238	0.17	4594	NM			NM		
3/16/20 9:30		24,473	90%	1,341,698	4,770,438	2,277	1.58	4646	136,000	0.71	2,244	10,400	0.089	165.1
3/23/20 11:00		24,580	63%	1,369,220	4,797,960	6,173	4.29	4753	NM			NM		
3/30/20 8:00		24,743	99%	1,407,817	4,836,557	5,683	3.95	5038	NM			NM		
4/9/20 10:00		24,981	98%	1,460,427	4,889,167	5,305	3.68	5397	192,000	6.65	2,322	19,200	0.600	172.4
4/13/20 9:00		25,076	100%	1,478,777	4,907,517	4,636	3.22	5479	NM			NM		
4/20/20 8:45		25,239	97%	1,510,862	4,939,602	4,724	3.28	5565	NM			NM		
5/4/20 12:20		25,288	100%	1,522,473	4,951,213	5,687	3.95	5724	NM			NM		
5/11/20 11:35		25,396	65%	1,548,187	4,976,927	5,714	3.97	5892	NM			NM		
5/19/20 9:30		25,586	100%	1,584,267	5,013,007	4,557	3.16	6044	178,000	7.88	2,505	14,200	0.711	188.9
5/22/20 11:00		25,608	100%	1,589,847	5,018,587	6,087	4.23	6122	NM			NM		
5/26/20 8:30		25,702	100%	1,608,417	5,037,157	4,741	3.29	6201	NM			NM		
6/2/20 7:56		25,870	100%	1,642,557	5,071,297	4,877	3.39	6254	NM			NM		
6/8/20 9:00		25,949	54%	1,659,507	5,088,247	5,149	3.58	6334	149,000	6.93	2,617	17,800	0.679	199.4
6/15/20 8:45		26,040	99%	1,683,767	5,112,507	6,398	4.44	6443	NM			NM		
6/22/20 7:30		26,206	100%	1,720,617	5,149,357	5,328	3.70	6554	NM			NM		
7/1/20 6:30		26,420	100%	1,770,857	5,199,597	5,634	3.91	6695	NM			NM		
7/10/20 8:30		26,638	100%	1,822,427	5,251,167	5,677	3.94	6839	NM			NM		
7/15/20 9:15		26,759	100%	1,855,637	5,284,377	6,587	4.57	6985	278,000	10.33	2,908	29,400	1.141	230.2
7/21/20 14:43		26,905	100%	1,907,808	5,336,548	8,576	5.96	7045	NM			NM		
7/27/20 7:00		27,041	100%	1,969,437	5,398,177	10,876	7.55	7135	NM			NM		
8/7/20 8:00		27,306	100%	2,094,637	5,523,377	11,339	7.87	7201	NM			NM		
8/10/20 9:20		27,380	100%	2,130,037	5,558,777	11,481	7.97	7207	93,400	15.14	3,238	8,460	1.544	264.9
8/17/20 7:15		27,546	100%	2,222,767	5,651,507	13,407	9.31	7244	NM			NM		
8/26/20 6:50		27,761	100%	2,339,847	5,768,587	13,069	9.08	7310	NM			NM		
9/4/20 7:30		27,977	100%	2,467,357	5,896,097	14,168	9.84	7328	NM			NM		
9/9/20 7:15		28,096	99%	2,543,377	5,972,117	15,332	10.65	7334	NM			NM		
9/15/20 8:30		28,241	100%	2,645,557	6,074,297	16,913	11.74	7337	54,200	8.66	3,665	5,640	0.827	307.4
9/21/20 8:00		28,385	100%	2,747,597	6,176,337	17,007	11.81	7340	NM			NM		
9/30/20 7:30		28,600	100%	2,912,047	6,340,787	18,357	12.75	7349	NM			NM		
10/5/20 13:45		28,721	97%	2,937,727	6,435,306	18,748	13.02	7349	NM			NM		
10/12/20 9:00		28,885	100%	3,020,527	6,518,106	12,117	8.41	7355	NM			NM		
10/13/20 9:15		28,909	99%	3,034,957	6,532,536	14,430	10.02	7355	42,300	6.63	3,849	3,790	0.65	325
10/21/20 8:27		29,099	99%	3,151,937	6,649,516	14,776	10.26	7368	NM			NM		
10/26/20 8:30		29,207	90%	3,197,107	6,694,686	10,038	6.97	7374	NM			NM		
11/11/20 9:45		29,569	94%	3,346,947	6,844,526	9,934	6.90	7411	69,900	5.31	3,995	3,290	0.34	335
11/18/20 12:40		29,740	100%	3,405,267	6,902,846	8,185	5.68	7496	NM			NM		
11/23/20 8:00		29,855	100%	3,413,650	6,911,229	1,749	1.21	7503	NM			NM		
12/3/20 9:35		29,860	100%	3,416,087	6,913,666	11,698	8.12	7531	NM			NM		
12/9/20 9:20		29,907	100%	3,439,577	6,937,156	11,995	8.33	7531	71,800	3.89	4,050	3,650	0.19	337
12/22/20 9:15		30,217	99%	3,533,897	7,031,476	7,302	5.07	7594	NM			NM		
1/4/21 8:30		30,528	100%	3,584,317	7,121,898	6,978	4.85	7660	NM			NM		
1/18/21 9:45		30,847	96%	3,658,367	7,195,948	5,571	3.87	7754	185,000	7.08	4,327	7,800	0.32	350
1/28/21 9:28		31,087	100%	3,696,277	7,233,858	3,791	2.63	7817	NM			NM		
2/5/21 9:25		31,252	97%	3,738,667	7,276,248	6,166	4.28	7857	NM			NM		

Table 2

Groundwater Extraction System Operational Data
Phillips 66 Company
Renton Terminal
Renton, Washington

				Water Extraction				LNAPL	TPHg			Benzene		
Date (mm/dd/yy)	Hour Meter Reading	SV-3102 (hrs)	Total Uptime*	Totalizer Reading (gallons)	Cumulative Flow (gallons)	Average Flow Rate (gpd)	Average Flow Rate (gpm)	Cumulative recovery (gallons)	Influent Conc. (µg/L)	Removal Rate (ppd)	Cumulative Recovery (pounds)	Influent Conc. (µg/L)	Removal Rate (ppd)	Cumulative Recovery (pounds)
2/12/21 9:15		31,420	100%	3,824,597	7,362,178	12,276	8.52	7888	NM			NM		
2/18/21 9:00		31,564	100%	3,923,887	7,461,468	16,548	11.49	7919	113,000	11.05	4,657	4,470	0.45	363
3/1/21 9:00		31,821	97%	4,100,297	7,637,878	16,474	11.44	7993	NM			NM		
3/10/21 8:30		32,038	100%	4,271,577	7,809,158	18,943	13.16	8068	79,500	14.14	4,936	3,660	0.60	375
4/5/21 10:00		32,517	90%	4,622,150	8,159,731	17,565	12.20	8222	NM			NM		
4/21/21 8:45		32,824	98%	4,802,087	8,339,668	14,067	9.77	8248	60,100	9.43	5,245	3,080	0.46	390
4/29/21 7:35		33,014	100%	4,917,337	8,454,918	14,558	10.11	8256	NM			NM		
5/13/21 9:45		33,353	100%	5,142,887	8,680,468	15,968	11.09	8275	38,300	6.35	5,385	2,950	0.39	399
5/25/21 8:30		33,639	100%	5,383,727	8,921,308	20,210	14.03	8301	NM			NM		
6/30/21 10:30		33,835	63%	5,540,487	9,078,068	19,195	13.33	8301	54,200	7.64	5,539	2,590	0.46	408
7/8/21 10:00		34,027	100%	5,671,737	9,209,318	16,406	11.39	8301	NM			NM		
7/20/21 9:15		34,314	100%	5,887,817	9,425,398	18,069	12.55	8301	36,400	6.58	5,670	2,620	0.38	415
7/28/21 10:35		34,492	92%	6,053,197	9,590,778	22,298	15.49	8312	NM			NM		
8/5/21 9:10		34,682	100%	6,205,917	9,743,498	19,291	13.40	8312	21,000	4.97	5,746	750	0.29	420
8/12/21 14:25		34,799	68%	6,300,171	9,837,752	19,334	13.43	8312	NM			NM		
8/30/21 8:30		34,986	67%	6,529,987	10,067,568	29,495	20.48	8312	NM			NM		
9/9/21 8:00		34,986	100%	6,686,677	10,224,258	16,279	11.31	8312	NM			NM		
9/14/21 10:00		34,986	100%	6,770,627	10,308,208	16,118	11.19	8312	9,400	2.25	5,818	2,500	0.24	427
9/28/21 7:45		34,986	99%	6,990,423	10,528,004	15,794	10.97	8315	NM			NM		
10/6/21 11:56		34,986	95%	7,126,697	10,664,278	17,872	12.41	8318	NM			NM		
10/13/21 8:40		35,030	100%	7,257,047	10,794,628	18,621	12.93	8322	11,000	1.45	5,859	2,000	0.32	437
10/22/21 8:44		35,127	100%	7,428,787	10,966,368	18,821	13.07	8322	NM			NM		
10/27/21 11:42		35,248	100%	7,551,307	11,088,888	23,524	16.34	8322	NM			NM		
11/3/21 10:10		35,415	100%	7,711,957	11,249,538	22,680	15.75	8322	18,000	2.57	5,914	1,300	0.29	443
11/16/21 10:15		35,659	80%	7,934,607	11,472,188	21,460	14.90	8322	NM			NM		
11/24/21 9:44		35,851	100%	8,084,617	11,622,198	18,463	12.82	8322	NM			NM		
12/1/21 9:16		36,017	100%	8,208,973	11,746,554	17,660	12.26	8322	NM			NM		
12/8/21 9:55		36,185	100%	8,331,807	11,869,388	17,240	11.97	8322	11,000	2.30	5,989	1,600	0.23	450
12/21/21 10:30		36,466	92%	8,522,807	12,060,388	16,028	11.13	8328	NM			NM		
1/5/22 9:52		36,825	100%	8,743,717	12,281,298	14,486	10.06	8331	NM			NM		
1/17/22 10:10		37,100	97%	8,913,497	12,451,078	14,605	10.14	8333	25,000	2.25	6,076	1,900	0.22	459
1/28/22 9:45		37,364	100%	9,089,377	12,626,958	15,750	10.94	8333	NM			NM		
2/3/22 8:40		37,506	100%	9,183,537	12,721,118	15,585	10.82	8333	NM			NM		
2/10/22 9:25		37,674	100%	9,315,847	12,853,428	18,462	12.82	8333	16,000	2.82	6,145	930	0.19	464
2/16/22 9:00		37,817	100%	9,423,887	12,961,468	17,882	12.42	8333	NM			NM		
3/4/22 11:45		38,056	63%	9,586,837	13,124,418	16,094	11.18	8345	NM			NM		
3/9/22 9:35		38,174	100%	9,672,507	13,210,088	17,134	11.90	8345	17,000	2.32	6,194	1,300	0.16	467
3/22/22 12:17		38,482	100%	9,842,517	13,380,098	12,791	8.88	8345	NM			NM		
3/28/22 8:39		38,593	NM	9,868,997	13,406,578	4,572	3.18	8345	NM			NM		
4/12/22 9:21		38,614	27%	9,894,427	13,432,008	4,391	3.05	8345	12,000	1.41	6,221	1,000	0.11	469
4/21/22 8:59		38,829	100%	10,000,437	13,538,018	11,618	8.07	8345	NM			NM		
4/27/22 12:09		38,976	100%	10,102,287	13,639,868	16,405	11.39	8345	NM			NM		
5/2/22 8:55		39,092	100%	10,170,597	13,708,178	13,777	9.57	8345	NM			NM		
5/10/22 9:37		39,278	99%	10,255,167	13,792,748	10,627	7.38	8345	21,000	1.76	6,271	1,000	0.11	472
5/17/22 10:57		39,373	58%	10,301,477	13,839,058	11,341	7.88	8345	NM			NM		
5/23/22 9:49		39,434	43%	10,332,177	13,869,758	12,079	8.39	8377	NM			NM		
6/1/22 9:39		39,651	100%	10,433,567	13,971,148	11,266	7.82	8388	30,000	2.43	6,309	3,800	0.23	476
6/6/22 11:16		39,768	100%	10,480,007	14,017,588	8,988	6.24	8388	NM			NM		
6/14/22 12:42		39,962	100%	10,532,847	14,070,428	6,437	4.47	8388	NM			NM		
7/14/22 13:04		40,340	66%	10,663,407	14,200,988	6,542	4.54	8388	28,000	1.67	6,364	2,100	0.17	481
7/18/22 10:16		40,434	70%	10,687,547	14,225,128	8,913	6.19	8388	NM			NM		
8/1/22 15:15		40,648	73%	10,732,627	14,270,208	4,345	3.02	8388	NM			NM		
8/4/22 11:30		40,713	100%	10,755,047	14,292,628	7,751	5.38	8388	24,000	0.99	6,384	2,100	0.08	483
8/8/22 10:27		40,811	100%	10,784,727	14,322,308	12,947	8.99	8388	NM			NM		
8/17/22 11:09		41,027	100%	10,853,997	14,391,578	7,557	5.25	8394	NM			NM		
8/25/22 9:00		41,213	100%	10,897,837	14,435,418	5,452	3.79	8394	NM			NM		
9/1/22 14:46		41,366	96%	10,937,157	14,474,738	6,208	4.31	8394	NM			NM		
9/6/22 11:21		41,483	99%	10,965,007	14,502,588	5,617	3.90	8394	NM			NM		
9/12/22 12:19		41,627	100%	10,976,617	14,514,198	1,896	1.32	8394	7,400	0.20	6,413	82	0.08	485
9/19/22 10:10		41,793	100%	10,992,457	14,530,038	2,249	1.56	8394	NM			NM		
9/26/22 9:03		41,960	100%	11,031,027	14,568,608	5,445	3.78	0	NM			NM		
				Maximum 3Q22 Flow Rate:		12,947	8.99							
Regulatory Limits:						<50,400	<35		**Total recovery (pounds):**		6,413	**Total recovery (pounds):**		485

Abbreviations and Notes:

(mm/dd/yy) = Month/day/year
conc = Concentration
TPPH = Total Purgeable Petroleum Hydrocarbon analyzed by method NWTPHg-X
Benzene analyzed by EPA method 8260
Average Flow Rate (gpm) = (Cumulative Flow - Previous Cumulative Flow)/[(Date Sampled - Previous Date Sampled)*1440 (minutes/day)]
Removal Rate (pounds/day) = [Influent Concentration (µg/Liter)]*[Average Flow Rate (gallons/minute)]*[3.785 (liters/gallon)]*[1440 (minutes/day)] / (1000000 (ug)*453.6 (g/lb))
Cumulative Recovery (pounds) = [Previous Cumulative Recovery (pounds)] + {[Removal Rate (pounds/day)]
NA = Not applicable
NM = not measured
NS = Not sampled
L = liter
gpm = gallon per minute
µg/L = micrograms p liter
g = grams
cc = cubic centimeter
lb = pound
*Total Uptime is not ' = 0.73 g/cc TPHg
All readings and data = 0.88 g/cc Benzene
Product recovery calculation taken from http://www.handymath.com/cgi-bin/circlevali25.cgi?submit=Entry

Soil Vapor Extraction System Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

	Influent					Effluent				
Date (mm/dd/yy)	TPHg Conc. (ppmv)	Benzene Conc. (ppmv)	Toluene Conc. (ppmv)	Ethylbenzene Conc. (ppmv)	Xylenes Conc. (ppmv)	TPHg Conc. (ppmv)	Benzene Conc. (ppmv)	Toluene Conc. (ppmv)	Ethylbenzene Conc. (ppmv)	Xylenes Conc. (ppmv)
05/08/15	1,500	26.2 a	49.0	5.4	29.3	1.4	0.014 a	0.042	0.008	0.049
05/28/15	2,890	40.2 a	54.4	5.3	48.0	4.0	<0.019 a	0.045	<0.019	0.163
06/10/15	830	12.2 a	35.7	2.3	19.8	2.3	<0.018 a	0.049	<0.018	0.143
09/03/15	3,000	84.8 a	68.8	8.7	52.8	2.0	0.035 a	0.081	0.032	0.246
09/16/15	1,310	37.5 a	29.3	3.1	18.5	<1.7	<0.020 a	<0.020	<0.020	<0.040
01/27/16	2.3	0.080 a	0.17	0.019	0.16	<1.4	<0.017 a	<0.017	<0.017	<0.034
02/08/16	8.1	<0.10 a	0.49	0.11	1.13	<8.4	0.067 a	0.50	0.13	1.23
07/14/16	1.1	0.025 a	0.040	<0.0084	<0.0254	2.7	<0.0084 a	<0.0084	<0.0084	<0.0254
10/25/16	3,600	56.2 a	215	34.8	174.9	31.8	0.39 a	1.4	0.22	1.09
11/02/16	<213	<4.5 a	9.5	<1.8	13.0	<0.92	<0.019 a	<0.019	<0.0077	0.02
12/06/16	77.5	1.7 a	8.5	1.7	8.9	1.7	0.0011 a	0.0029	<0.00071	0.0016
01/01/17	SYSTEM OFF					SYSTEM OFF				
02/27/17	64.1	33.4 a	28.5	3.3	21.8	<20.3	<0.085 a	<0.170	<0.170	<0.510
03/27/17	30.7	0.56 a	2.2	0.15	1.35	0.89	0.0032	0.0046	<0.00077	0.0038
04/25/17	712	20.3 a	37.9	4.3	27.6	0.72	0.0084	0.015	0.0016	0.0094
05/11/17	34.3	0.44 a	1.6	0.19	1.76	0.89	0.0007	0.020	<0.00056	0.00248
06/08/17	174	<0.0037 a	9.8	0.89	17.3	4.2	0.0059	0.028	0.021	0.127
07/10/17	318	4.9 a	10.1	2.3	17.8	1.5	0.0051	0.013	0.0042	0.036
08/23/17	143	3.3 a	4.1	0.7	5.1	2.4	0.0060	0.015	0.0034	0.0272
09/22/17	452	4.3 a	3.1	1.2	13.4	2.7	0.0047	0.80	0.0033	0.0225
10/16/17	409	3.7 a	5.4	0.93	7.7	<0.19	0.0035	0.0056	0.0017	0.0094
11/20/17	89.3	1.3 a	2.2	0.32	3.56	2	0.0030	0.0098	0.0043	0.1370
12/11/17	183	15.7 a	16.5	1.2	5.6	0.52	0.011	0.0065	0.00053	0.0025
01/01/18	SYSTEM OFF					SYSTEM OFF				
02/16/18	41.5	7 a	16.2	0.51	11.97	2	0.0048	0.038	0.003	0.0121
03/13/18	61.7	2.1 a	3.5	0.54	3.5	0.87	0.0017	0.0016	<0.00039	0.00167
04/17/18	760	13 a	38.9	12.9	71.8	0.6	0.011	0.04	0.0031	0.0139
05/16/18	423	6.5 a	13.2	4.5	32.8	0.53	0.0038	0.0053	0.017	0.086
06/13/18	929	27.3 a	65.8	11.9	79.3	0.83	0.0066	0.0083	0.0011	0.0055
07/17/18	164	2.12 a	3.17	0.971	9.26	0.751	0.003	0.198	0.0011	0.005
08/13/18	<6.64	0.433 a	0.831	0.132	0.958	<0.241	0.0196	0.0545	0.0103	0.0972
09/12/18	1,880	17 a	20.1	5.66	45.4	1.2	0.0128	0.0114	0.0021	0.015
10/08/18	371	10.1 a	13	2.51	18.96	1.3	0.0118	0.0224	0.0082	0.0658
11/08/18	70.3	4.72 a	3.29	0.823	7.79	0.321	0.003	0.0019	0.00065	0.0048
12/10/18	67.1	1.97 a	4.35	0.716	6.93	0.544	0.00097	0.0021	0.00062	0.0049
01/09/19	19.3	0.415 a	1.23	0.187	1.06	0.642	0.0029	0.0031	<0.00042	0.00232
02/13/19	613	11 a	36.1	5.46	38.58	0.743	0.0014	0.0047	0.0011	0.008
03/22/19	1,190	24.8 a	37.5	7.51	50.4	0.588	0.0027	0.0034	0.0007	0.0045
04/03/19	SYSTEM OFF FOR OXIDIZER REPAIR					SYSTEM OFF FOR OXIDIZER REPAIR				
05/22/19	115	2.3 a	6.2	1.06	7.51	0.693	0.0039	0.0068	0.0013	0.0041
06/13/19	136	0.819 a	3.67	1.10	7.14	2.68	0.0447	0.0434	0.0262	0.0838
07/23/19	104	1.08 a	2.14	0.768	5.15	0.9	0.0018	0.0063	0.00074	0.0056
08/16/19	42.3	0.759 a	0.877	0.187	1.268	2.05	0.004	0.0037	0.001	0.0049
09/16/19	97.1	1.12 a	1.31	0.352	1.893	0.67	0.0032	0.0060	0.00094	0.0073
10/11/19	13.3	0.196 a	0.471	0.155	0.990	1.09	0.0008	0.0171	<0.0004	<0.0012
11/08/19	113	1.610 a	7.17	1.39	9.22	0.093	0.0041	0.0059	0.00075	0.00363
12/16/19	3.01	0.0758 a	0.106	0.0131	0.0825	0.207	0.00071	0.0016	0.00046	0.0019
01/16/20	5.69	0.174	0.175	0.0338	0.2238	<0.0402	0.00029	0.0005	<0.00034	0.00081
02/06/20	7.25	0.133	0.206	0.0371	0.256	0.270	0.0003	0.00048	<0.00035	<0.00106
03/16/20	31.5	0.696	1.240	0.174	1.047	0.124	0.0027	0.0027	<0.00036	0.00167
04/09/20	25.6	0.638	1.140	0.133	0.819	0.259	0.0074	0.0059	<0.00035	0.00171
05/19/20	34.9	0.783	1.110	0.172	1.003	0.372	0.0054	0.0038	0.00051	0.00314

Soil Vapor Extraction System Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

	Influent					Effluent				
Date (mm/dd/yy)	TPHg Conc. (ppmv)	Benzene Conc. (ppmv)	Toluene Conc. (ppmv)	Ethylbenzene Conc. (ppmv)	Xylenes Conc. (ppmv)	TPHg Conc. (ppmv)	Benzene Conc. (ppmv)	Toluene Conc. (ppmv)	Ethylbenzene Conc. (ppmv)	Xylenes Conc. (ppmv)
06/08/20	102	2.620	2.960	0.340	1.976	<0.0816	0.0028	0.0018	<0.00034	0.00072
07/15/20	80.7	3.250	3.520	0.305	1.859	3.50	0.0101	0.0256	0.0042	0.0259
08/10/20	1,300	40.60	50.80	5.720	48.0	10.50	0.126	0.267	0.047	0.479
08/17/20	2,080	59.0	99.30	7.670	60.5	-	-	-	-	-
09/04/20	342	9.530	13.40	1.070	10.48	-	-	-	-	-
09/15/20	1,280	37.90	54.30	3.560	40.91	2.14	0.0301	0.0621	0.0097	0.1172
10/13/20	1,430	65.70	67.10	5.460	61.0	0.496	0.0235	0.0179	0.0033	0.0373
10/21/20	980	32.70	43.10	4.810	74.3	-	-	-	-	-
11/11/20	1,310	10.60	16.60	2.170	37.8	1.770	0.0183	0.0140	0.0014	0.0248
12/09/20	23	0.195	0.478	0.0730	0.632	1.240	0.573	0.0895	0.0025	0.0331
01/18/21	11	0.130	0.427	0.0585	0.457	0.341	0.00062	0.0020	0.00061	0.0054
02/18/21	38.2	0.874	1.970	0.300	2.404	0.500	0.0022	0.0039	0.00045	0.00301
03/10/21	73.8	1.270	3.100	0.396	2.801	0.133	0.0015	0.0037	0.00076	0.0066
04/21/21	70.8	1.350	2.890	0.459	3.261	0.979	0.0067	0.0285	0.0116	0.1064
05/13/21	114	2.000	3.410	0.356	3.970	1.640	0.0059	0.0169	0.0037	0.0523
06/30/21	21.2	0.321	0.460	0.0719	0.797	1.280	0.4190	0.0494	0.00078	0.0144
07/20/21	245	5.090	9.210	0.705	13.26	0.514	0.0063	0.0067	0.00070	0.0074
08/05/21	612	9.540	15.10	1.710	22.69	3.070	0.0302	0.0524	0.01400	0.1602
09/14/21	800	14.0	19.0	1.90	24.0	2.2	0.039	0.06	0.010	0.017
10/13/21	490	6.2	11.0	1.20	16.0	3.2	0.017	0.02	0.0018	0.020
11/03/21	140	0.8	1.2	0.10	1.8	<1.0	0.0056	0.0081	0.00063	0.0083
12/08/21	9	0.1	0.2	0.04	0.3	<1.0	0.0006	0.0012	<0.0005	0.0042
01/17/21	9	0.1	0.2	0.03	0.2	1.6	0.0006	0.0018	<0.0005	<0.0025
02/10/22	11	0.1	0.1	0.04	0.2	<1.0	0.0006	0.0016	<0.0005	<0.0025
03/09/22	3.7	0.1	0.3	0.05	0.4	<1.0	0.0006	0.0009	<0.0005	<0.0025
04/12/22	28.0	0.2	0.5	0.11	0.6	<1.0	0.0012	0.0010	<0.0005	<0.0025
05/10/22	10.0	0.1	0.2	0.074	0.6	<1.0	<0.0005	0.0007	<0.0005	<0.0030
06/01/22	10.0	0.1	0.3	0.079	0.5	<1.0	0.0007	0.0015	<0.0005	<0.0025
07/14/22	5.4	0.1	0.2	0.029	0.2	<1.0	0.0013	0.0011	<0.0005	<0.0025
08/04/22	6.6	0.1	0.2	0.028	0.2	1.1	0.0011	0.0008	<0.0005	<0.0025
09/12/22	84.0	0.3	0.2	0.230	0.7	1.3	0.0022	0.0012	<0.0005	<0.0025
Regulatory Limits (ppmv):			N/A					N/A		

Notes and Abbreviations:

mm/dd/yy = month/day/year
Conc. = concentration
N/A = not applicable
TPHg = total petroleum hydrocarbons quantified as gasoline
µg/L = micrograms per liter
<X.X = not detected at or below the detection limit indicated
ppmv = parts per million by volume
TBD = Sample taken during this time and are awaiting results

TPHg analyzed by Method TO-14M.

Benzene, toluene, ethylbenzene, and total xylenes analyzed by Method TO-14M.

a = Sample was transferred from a sampling bag into a Summa Canister within 48 hours of collection.

Table 4

Soil Vapor Extraction System Operational Data
Phillips 66 Company
Renton Terminal
Renton, Washington

			Soil Vapor Extraction										TPHg				Benzene		
Date (mm/dd/yy)	Oxidizer Hour Meter Reading	Total Uptime	SVE Influent Vacuum (in. Hg)	SVE Influent Vacuum (in. WC)	Knock Out Vacuum (in. Hg)	Influent-2 Differential Pressure (in. WC)	Influent-2 Flow (scfm)	Influent-2 Pressure (in. WC)	Influent-2 Temperature (°F)	Influent-2 Concentration (Field) (ppmv)	TPHg Influent Concentration (Lab) (ppmv)	Oxidizer Temperature (°F)	Stack Temperature (°F)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)	Destruction efficiency (%)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)
05/08/15	0.0	NA	NM	NM	NM	NM	NM		NM	NM	1500	NM	NM	NM	NM	NM	NM	NM	NM	NM
05/28/15	NM	NM	8.0	108.8	NM	NM	NM	NM	151	1,360		1,435	NM	NM	NM	NM	NM	NM	NM	NM
06/01/15	123	NM	8.5	115.6	10.0	NM	392	2.3	143	780		1,452	863	422	2,165	0.58	99.9%	4.6	23	0.0022
06/02/15	132	37%	6.5	88.4	8.0	NM	393	2.0	147	900		1,409	832	424	2,324	0.59	99.9%	4.6	25	0.0022
06/03/15	141	36%	7.0	95.2	8.0	NM	792	4.0	153	1,200		1,425	882	853	2,644	1.18	99.9%	9.3	29	0.0044
06/04/15	163	96%	6.0	81.6	8.0	NM	809	5.2	155	6,400		1,416	867	872	3,443	1.21	99.9%	9.5	37	0.0045
06/05/15	163	0%	SVE system not running due to problem with transfer pump from air water separator																	
06/08/15	163	0%	SVE system not running due to problem with transfer pump from air water separator																	
06/09/15	164	1%	12.0	163.2	14.5	NM	602	3.5	159	1,300		1,440	863	649	3,470	0.90	99.9%	7.0	38	0.0033
06/10/15	169	23%	9.0	122.4	10.0	NM	707	4.0	151	1,800		1,458	885	219	3,516	0.61	99.7%	2.5	38	0.0037
06/11/15	171	10%	7.0	95.2	7.0	NM	793	5.0	140	1,428		1,432	878	245	3,536	0.68	99.7%	2.8	38	0.0042
06/15/15	194	23%	9.0	122.4	10.0	NM	681	4.0	166	1,500		1,407	857	211	3,739	0.58	99.7%	2.4	41	0.0036
06/16/15	203	43%	8.0	108.8	9.0	NM	725	4.0	150	2,100		1,436	869	225	3,823	0.62	99.7%	2.6	42	0.0038
09/02/15	215	NA	4.0	54.4	5.0	0.30	467	NM	NM	NM		1,423	854	145	3,895	0.40	99.7%	11.5	47	0.0024
09/03/15	216	5%	8.0	108.8	9.0	0.50	603	NM	NM	1,800		1,411	844	675	3,923	0.45	99.9%	14.9	48	0.0061
09/08/15	223	6%	6.5	88.4	7.5	0.30	475	NM	130	2,000		1,403	822	532	4,078	0.35	99.9%	11.7	51	0.0048
09/09/15	230	30%	6.0	81.6	7.0	0.30	467		150	1,550		1,439	846	523	4,231	0.35	99.9%	11.5	55	0.0048
09/10/15	248	103%	SVE system turned off due to leaking carbon vessel.																	
09/16/15	250	1%	6.5	88.4	8.0	0.30	477		125	1,200		1,409	825	233	4,425	0.30	99.9%	5.2	59	0.0028
09/17/15	276	99%	8	109	9.0	0.40	546		135	1,941		1,441	844	267	4,715	0.35	99.9%	6.0	66	0.0032
09/22/15	290	12%	7.5	102.0	8.5	0.55	635		145	1,700		1,405	832	310	4,896	0.40	99.9%	6.9	70	0.0037
09/24/15	NM	NM	NM	NM	NM	0.45	575		NM	NM		1,440	852	281	NM	0.36	99.9%	6.3	NM	0.0033
09/25/15	338	68%	5.0	68.0	7.0	0.80	763		150	1,600		1,428	856	373	5,641	0.48	99.9%	8.3	86	0.0044
09/28/15	410	101%	5.5	74.8	6.5	0.80	766		145	900		1,426	867	374	6,765	0.49	99.9%	8.4	111	0.0045
01/21/16	NM	NM	SVE system turned off to replace fittings.																	
01/26/16	419	7%	NM	NM	NM	NM	NM		NM	NM		1,447	759	NM	NM	NM	NM	NM	NM	NM
01/27/16	426	26%	6.0	81.6	7.5	0.03	147		160	22		1,440	842	0.13	6,765	0.04	69.6%	0.0034	111	0.0007
01/28/16	447	98%	6.0	81.6	7.5	0.03	147		160	68		1,426	849	0.13	6,765	0.04	69.6%	0.0034	111	0.0007
02/02/16	572	100%	6.0	81.6	7.5	0.04	169		160	48		1,421	847	0.51	6,768	0.27	48.1%	0.0039	111	0.0008
02/08/16	717	100%	6.0	81.6	7.5	0.04	169		160	12		1,427	846	0.51	6,771	0.27	48.1%	0.0049	111	0.0033
02/10/16	767	100%	6.5	88.4	7.5	NM	NM		160	96		1,419	845	0.96	6,773	0.00	100.0%	0.0093	112	0.0062
02/17/16	858	100%	SVE system turned off.																	
02/18/16	859	4%	2.0	27.2	4.0	NM	NM		145	1.2		1,461	873	0.96	6,776	0.50	48.1%	0.0093	112	0.0062
02/19/16	878	100%	3.0	40.8	5.5	0.30	467		150	1.2		1,435	855	1.41	6,777	0.73	48.1%	0.0136	112	0.0091
02/24/16	880	2%	SVE system turned off.																	
07/11/16	07/14/16		System startup and troubleshooting after air stripper installation																	
07/14/16	887	NM	NM	NM	NM	0.1	270		NM	0.7		1,437	887	0.11	6,778	0.50	NA	0.0020	112	0.0003
08/01/16	890	NM	0.0	0.0	0.0	0.3	471		140	NM		1,448	855	0.19	6,778	0.73	NA	0.0034	112	0.0006
10/10/16	NM	NM	SVE system turned off.																	
10/24/16	907	NA	5.0	68.0	6.0	0.5	603		150	240		1,415	851	0.25	6,778	0.61	NA	0.0044	112	0.0007
10/25/16	915	33%	5.0	68.0	7.5	0.9	809		150	1,400		1,425	864	1,087	7,140	9.6	99.1%	13.2	116	0.046
10/26/16	936	100%	5.5	74.8	7.0	0.9	813		145	80.2		1,426	871	1,091	8,095	9.6	99.1%	13.3	128	0.046
11/02/16	--	--	--	--	--	--	--		--	--		--	--	49	--	0.2	99.6%	0.8	--	0.002
11/08/16	1,244	98%	6.0	81.6	6.5	0.3	428		--	205		1,431	852	34	8,532	0.1	99.6%	0.6	135	0.001
11/11/16	1,276	53%	8.0	108.8	8.0	0.4	549		130	406		1,447	864	44	8,590	0.2	99.6%	0.7	136	0.002
11/17/16	1,345	48%	4.5	61.2	5.0	0.3	473		135	118		1,419	846	38	8,698	0.2	99.6%	0.6	138	0.001
11/18/16	1,363	75%	11.0	149.6	11.0	0.3	430		140	557		1,414	839	34	8,724	0.1	99.6%	0.6	138	0.001
11/23/16	1,384	18%	4.5	61.2	3.0	0.4	513		130	112		1,466	865	41	8,759	0.2	99.6%	0.7	139	0.001
11/28/16	1,509	100%	4.0	54.4	6.0	0.4	544		140	184		1,446	854	43	8,984	0.2	99.6%	0.7	142	0.002
12/02/16	1,580	74%	9.0	122.4	7.5	0.3	477		125	312		1,436	NM	14	9,025	0.3	97.8%	0.2	143	0.0001
12/05/16	1,613	46%	7.0	95.2	7.5	0.4	551		125	357		1,425	842	16	9,047	0.3	97.8%	0.3	143	0.0001
12/06/16	1,634	88%	8.0	108.8	10.5	0.4	546		135	99		1,438	849	16	9,061	0.3	97.8%	0.270	144	0.0001

Table 4

Soil Vapor Extraction System Operational Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Date (mm/dd/yy)	Oxidizer Hour Meter Reading	Total Uptime	Soil Vapor Extraction										TPHg				Benzene			
			SVE Influent Vacuum (in. Hg)	SVE Influent Vacuum (in. WC)	Knock Out Vacuum (in. Hg)	Influent-2 Differential Pressure (in. WC)	Influent-2 Flow (scfm)	Influent-2 Pressure (in. WC)	Influent-2 Temperature (°F)	Influent-2 Concentration (Field) (ppmv)	TPHg Influent Concentration (Lab) (ppmv)	Oxidizer Temperature (°F)	Stack Temperature (°F)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)	Destruction efficiency (%)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)
12/15/16	1,672	18%	9.5	129.2	10.0	0.5	611		135	638		1,460	873	18	9,089	0.4	97.8%	0.3	144	0.0001
12/19/16	1,750	81%	NM	NM	NM	NM	NM		NM	NM		NM	NM	18	9,146	0.4	97.8%	0.3	145	0.0001
02/07/17	1,759	1%	0.0	0.0	0.0	0.3	473		NM	44	NM	1,445	848	11	9,151	1.8	84.2%	4.6	147	0.006
02/10/17	1,820	85%	3.5	47.6	3.0	0.2	383		145	212	NM	1,420	835	9	9,174	1.5	84.2%	3.7	156	0.005
02/13/17	1,831	15%	4.0	54.4	5.0	0.2	383		145	140	NM	1,428	NM	9	9,178	1.5	84.2%	3.7	158	0.005
02/15/17	1,879	100%	5.0	68.0	5.5	0.2	382		150	243	NM	1,418	847	9	9,196	1.4	84.2%	3.7	165	0.005
02/27/17	1,975	33%	7.5	102.0	8.0	0.2	382		150	181	64.1	1,425	838	9	9,233	1.4	84.2%	3.7	180	0.005
03/06/17	2,100	74%	6.5	88.4	8.5	0.4	549		130	51	NM	1,449	853	6	9,265	0.2	97.1%	0.1	181	0.0005
03/07/17	2,126	100%	9.0	122.4	6.0	0.3	473		135	410	NM	1,435	844	5	9,271	0.2	97.1%	0.1	181	0.0004
03/13/17	2,165	27%	8.5	115.6	9.5	0.3	471		140	101	NM	1,464	866	5	9,280	0.2	97.1%	0.1	181	0.0004
03/22/17	2,347	84%	11.0	149.6	10.0	0.1	270		150	132	NM	1,448	863	3	9,304	0.1	97.1%	0.04	181	0.0003
03/27/17	2,459	93%	8.0	108.8	9.0	0.2	382		148	62	30.7	1,417	837	4	9,324	0.1	97.1%	0.1	181	0.0004
03/31/17	2,558	100%	5.0	68.0	3.5	0.4	546		135	235	NM	1,428	857	6	9,350	0.2	97.1%	0.1	182	0.0005
04/03/17	2,628	97%	5.0	68.0	3.5	0.4	546		135	41	NM	1,442	864	145	9,773	0.1	99.9%	3.2	191	0.0013
04/17/17	2,959	99%	5.0	68.0	6.0	0.4	542		145	183	NM	1,452	856	144	11,758	0.1	99.9%	3.2	235	0.0013
04/20/17	3,033	100%	4.0	54.4	5.0	0.4	542		145	218	NM	1,445	858	144	12,201	0.1	99.9%	3.2	245	0.0013
04/25/17	3,152	99%	4.0	54.4	4.0	0.4	540		150	330	712	1,432	846	143	12,912	0.1	99.9%	3.2	261	0.0013
05/02/17	3,264	67%	5.0	68.0	6.0	0.4	541		147	88	NM	1,422	853	7	12,944	0.2	97.4%	0.1	261	0.0001
05/11/17	3,482	100%	5.5	74.8	6.5	0.3	469		145	33.2	34	1,423	845	6	12,999	0.2	97.4%	0.1	262	0.0001
05/17/17	3,622	97%	3.0	40.8	5.5	0.4	551		125	227.5	315.6*	1,413	871	65	13,377	0.2	99.7%	0.1	262	0.0001
05/30/17	3,925	97%	3.0	40.8	3.5	0.35	522		110	231	322.2*	1,433	847	63	14,169	0.2	99.7%	0.1	263	0.0001
06/05/17	4,053	89%	2.0	27.2	2.0	0.45	587		120	357	NM	1,432	852	38	14,373	0.9	97.6%	0.00063	263	0.0010
06/09/17	4,145	96%	2.0	27.2	2.5	0.4	555		116	319	174	1,426	845	36	14,511	0.9	97.6%	0.00060	263	0.0010
06/20/17	4,391	93%	1.0	13.6	1.5	0.55	643		130	180	NM	1,463	869	42	14,939	1.0	97.6%	0.00069	263	0.0011
06/26/17	4,532	98%	1.0	13.6	1.0	0.5	616		125	139	NM	1,444	863	40	15,174	1.0	97.6%	0.00066	263	0.0011
07/06/17	4,775	100%	1.0	13.6	1.0	0.5	619		120	276	NM	1,440	860	73	15,917	0.3	99.5%	0.88205	272	0.0009
07/10/17	4,871	100%	0.5	6.8	1.0	0.5	619		120	345	318	1,420	849	73	16,210	0.3	99.5%	0.88205	276	0.0009
07/17/17	5,037	99%	2.5	34.0	2.5	0.40	551		125	406	NM	1,415	826	65	16,662	0.3	99.5%	0.78555	281	0.0008
07/21/17	5,135	100%	2.5	34.0	2.5	0.40	551		125	571	NM	1,432	835	65	16,929	0.3	99.5%	0.78555	284	0.0008
07/31/17	5,370	98%	1.0	13.6	3.0	0.35	513		130	600	NM	1,410	810	61	17,525	0.3	99.5%	0.73169	291	0.0008
08/07/17	5,538	100%	1.0	13.6	1.0	0.40	551		125	NM	NM	1,415	822	29	17,731	0.5	98.3%	0.52904	295	0.0010
08/23/17	5,913	98%	1.0	13.6	1.5	0.55	646		125	283	143	1,433	845	34	18,270	0.6	98.3%	0.62036	305	0.0011
08/30/17	6,083	100%	2.0	27.2	2.0	0.50	613		130	325.5	NM	1,430	842	33	18,501	0.5	98.3%	0.58898	309	0.0011
09/07/17	6,221	96%	2.0	27.2	2.0	0.40	551		125	359	NM	1,411	820	93	19,036	0.6	99.4%	0.68936	313	0.0008
09/20/17	6,368	92%	NM	NM	2.0	0.50	616		125	333	452	1,418	834	104	19,672	0.6	99.4%	0.77073	318	0.0008
09/29/17	6,543	84%	NM	NM	2.0	0.50	613		130	227	NM	1,448	843	103	20,426	0.6	99.4%	0.76745	323	0.0008
10/02/17	6,618	100%	NM	NM	2.0	0.55	646		125	278.1	NM	1,429	843	99	20,734	*0.02*	100%	0.69555	325	0.0007
10/10/17	6,766	83%	2.0	27.2	2.0	0.50	613		130	NM	NM	1,440	847	94	21,311	*0.02*	100%	0.66037	330	0.0006
10/16/17	6,907	98%	NM	NM	2.0	0.55	646		125	239	409	1,427	840	99	21,890	*0.02*	100%	0.69555	334	0.0007
10/20/17	6,995	92%	2.7	36.7	2.5	0.50	616		125	420	NM	1,428	834	94	22,235	*0.02*	100%	0.66318	336	0.0006
11/01/17	7,242	100%	2.0	27.2	1.5	0.50	613		130	342	NM	1,452	861	20	22,445	0.46	98%	0.23202	338	0.0005
11/07/17	7,377	94%	1.5	20.4	1.5	0.50	613		130	199	NM	1,427	844	20	22,560	0.46	98%	0.23202	340	0.0005
11/20/17	7,659	93%	2.0	27.2	2.0	0.45	579		135	67.8	89	1,435	851	19	22,787	0.43	98%	0.21919	342	0.0005
11/29/17	7,823	100%	NM	NM	2.0	0.50	613		130	125	NM	1,440	884	20	22,926	0.46	98%	0.23202	344	0.0005
12/04/17	7,940	98%	2.0	27.2	NM	0.45	579		135	84	NM	1,435	845	40	23,119	0.11	100%	2.64711	357	0.0019
12/07/17	8,014	100%	2.02	27.5	2.0	0.40	544		140	78	NM	1,431	845	37	23,234	0.11	100%	2.48530	364	0.0017
12/11/17	8,115	100%	2.0	27.2	2.0	0.45	579		135	188	183	1,420	836	40	23,400	0.11	100%	2.64711	376	0.0019
12/13/17	8,158	100%	2.0	27.2	NM	0.45	582		130	146	NM	1,426	844	40	23,471	0.11	100%	2.65831	380	0.0019
12/18/17	8,253	100%	2.0	27.2	2.0	0.45	579		135	88	NM	1,429	850	40	23,628	0.11	100%	2.64711	391	0.0019
12/20/17	SYSTEM DOWN FOR WINTERIZATION																			

Table 4

Soil Vapor Extraction System Operational Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Date (mm/dd/yy)	Oxidizer Hour Meter Reading	Total Uptime	Soil Vapor Extraction										TPHg				Benzene			
			SVE Influent Vacuum (in. Hg)	SVE Influent Vacuum (in. WC)	Knock Out Vacuum (in. Hg)	Influent-2 Differential Pressure (in. WC)	Influent-2 Flow (scfm)	Influent-2 Pressure (in. WC)	Influent-2 Temperature (°F)	Influent-2 Concentration (Field) (ppmv)	TPHg Influent Concentration (Lab) (ppmv)	Oxidizer Temperature (°F)	Stack Temperature (°F)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)	Destruction efficiency (%)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)
02/09/18	8,374	100%	2.0	27.2	2.0	0.45	577		140	123	NM	1,433	848	9	23,673	0.43	95%	1.17531	397	0.0008
02/16/18	8,389	21%	2.0	27.2	2.0	0.50	611		135	113	42	1,456	857	9	23,679	0.46	95%	1.24408	398	0.0009
03/01/18	8,607	99%	2.0	27.2	2.0	0.50	613		130	60.9	NM	1,428	850	14	23,807	0.20	99%	0.37480	401	0.0003
03/05/18	8,699	100%	2.0	27.2	2.0	0.35	511		135	49.4	NM	1,424	844	12	23,857	0.17	99%	0.31226	402	0.0003
03/15/18	8,906	90%	2.5	34.0	2.5	0.35	511		135	94.3	61.7	1,416	830	12	23,958	0.17	99%	0.31226	405	0.0003
03/19/18	8,996	100%	3.0	40.8	3.0	0.35	511		135	403	476.1*	1,425	837	91	24,150	0.17	100%	0.31226	406	0.0003
04/02/18	9,318	98%	2.0	27.2	2.0	0.30	497		80	195	205.8*	1,422	833	141	25,704	0.11	100%	1.87859	431	0.0016
04/06/18	9,343	100%	3.5	47.6	3.5	0.30	471		140	615	NM	1,410	827	134	25,847	0.11	100%	1.78219	433	0.0015
04/12/18	9,435	64%	4.0	54.4	4.0	0.30	471		140	747	NM	1,410	832	134	26,359	0.11	100%	1.78219	440	0.0015
04/17/18	9,549	95%	3.5	47.6	4.0	0.30	471		140	1,072	760	1,414	842	134	26,993	0.11	100%	1.78219	448	0.0015
04/23/18	9,675	88%	3.5	47.6	3.5	0.50	611		135	402	NM	1,432	865	173	27,798	0.14	100%	2.31044	461	0.002
04/30/18	9,841	99%	4.0	54.4	4.0	0.30	473		135	442	NM	1,411	836	134	28,861	0.11	100%	1.78966	473	0.002
05/07/18	10,009	100%	3.0	40.8	3.0	0.35	509		140	207	NM	1,422	843	80	29,612	0.10	100%	0.96249	480	0.001
05/16/18	10,185	81%	2.0	27.2	2.0	0.50	611		135	280	423	1,450	862	96	30,260	0.12	100%	1.15522	488	0.001
05/23/18	10,359	100%	2.0	27.2	2.0	0.50	611		135	214	NM	1,448	868	96	30,958	0.12	100%	1.15522	496	0.001
05/30/18	10,524	98%	4.0	54.4	4.0	0.40	546		135	203	NM	1,425	844	86	31,586	0.11	100%	1.03326	504	0.001
06/06/18	10,685	96%	3.0	40.8	3.0	0.30	473		135	135	NM	1,406	839	164	32,425	0.15	100%	3.75828	529	0.001
06/08/18	10,734	100%	7.0	95.2	7.0	0.35	509		140	145	NM	1,409	842	176	32,773	0.16	100%	4.04246	537	0.001
06/13/18	10,758	100%	7.0	95.2	7.0	0.30	471		140	151	929	1,421	848	163	32,942	0.15	100%	3.74259	541	0.001
06/18/18	10,881	100%	7.0	95.2	7.0	0.25	428		145	315	NM	1,411	842	148	33,741	0.13	100%	3.40236	558	0.001
06/25/18	11,052	100%	6.0	81.6	6.0	0.35	509		140	112	NM	1,421	848	176	34,898	0.16	100%	4.04246	587	0.001
07/03/18	11,242	100%	6.0	81.6	6.0	0.35	507		145	191	NM	1,122	846	31	35,719	0.14	100%	0.31262	590	0.0004
07/17/18	11,577	100%	3.0	40.8	3.0	0.45	577		140	103	164	1,431	856	35	36,182	0.16	100%	0.35595	594	0.0005
07/31/18	11,913	100%	5.0	68.0	5.0	0.40	540		150	810	NM	1,415	835	33	36,660	0.15	100%	0.33283	599	0.0005
08/06/18	12,063	100%	4.5	61.2	4.5	0.45	575		145	198	NM	1,430	845	42	36,896	0.03	100%	0.07240	600	0.0033
08/13/18	12,225	96%	5.0	68.0	5.0	0.35	509		140	260	<6.64	1,443	860	49	37,206	0.02	100%	0.06412	600	0.0029
08/20/18	12,398	100%	4.5	61.2	4.5	0.35	507		145	425	NM	1,434	857	80	37,673	0.02	100%	0.06385	600	0.0029
08/23/18	12,472	100%	4.5	61.2	4.5	0.40	540		150	398	NM	1,431	866	80	37,921	0.02	100%	0.06798	601	0.0031
08/30/18	12,641	100%	5.0	68.0	5.0	0.45	575		145	295	NM	1,443	856	63	38,425	0.03	100%	0.07240	601	0.0033
09/05/18	12,782	98%	6.0	81.6	6.0	0.40	540		150	455	NM	1,413	838	378	39,723	0.24	100%	2.66894	617	0.0020
09/12/18	12,946	98%	6.0	81.6	6.0	0.30	467		150	405	1880	1,413	832	328	42,135	0.21	100%	2.31137	633	0.0017
09/24/18	13,214	93%	5.0	68.0	5.0	0.30	469		145	139	NM	1,479	893	329	45,802	0.21	100%	2.32090	659	0.0017
10/08/18	13,546	99%	5.5	74.8	5.5	0.35	507		145	120.6	371	1,409	830	213	49,550	0.24	100%	1.99812	686	0.002
10/16/18	13,664	65%	4.5	61.2	3.0	0.45	572		150	NM	NM	1,414	834							
10/25/18	13,866	94%	4.0	54.4	4.0	0.40	542		145	245	NM	1,415	829							
10/30/18	13,976	92%	2.0	27.2	2.5	0.50	603		150	NM	NM	1,430	878							
11/01/18	14,020	92%	3.0	40.8	2.5	0.45	575		145	65	NM	1,407	833							
11/05/18	14,119	100%	3.5	47.6	3.5	0.45	577		140	40.6	NM	1,415	830							
11/08/18	14,193	100%	3.5	47.6	3.0	0.40	546		135	67.2	70	1,418	830	45	53,024	0.17	100%	1.18	729	0.0012
11/12/18	14,291	100%	3.5	47.6	3.5	0.40	546		135	52	NM	1,416	830							
11/21/18	14,504	99%	2.5	34.0	2.0	0.50	608		140	33.7	NM	1,407	831							
11/29/18	14,625	63%	2.0	27.2	2.0	0.35	505		150	NM	NM	1,414	831							
12/04/18	14,745	100%	3.0	40.8	3.0	0.30	471		140	30.8	NM	1,418	825							
12/12/18	14,937	100%	2.5	34.0	2.5	0.40	544		140	11.3	67	1,419	831	14	53,937	0.09	99%	0.53	756	0.0003
12/21/18	15,051	98%	2.5	34.0	2.0	0.45	579		135	48.7	NM	1,407	830							
01/02/19	15,343	100%	2.75	37.4	2.25	0.25	432		135	14.7	NM	1,421	824							
01/09/19	15,476	79%	2.5	34.0	2.25	0.45	584		125	14.7	19	1,415	842	9	54,190	0.12	99%	0.19	764	0.0003
01/14/19	15,598	100%	2.15	29.2	2.25	0.35	520		115	15.2	NM	1,416	841							
01/21/19	15,767	100%	2.5	34.0	2.0	0.50	619		120	32	NM	1,411	850							
01/28/19	15,937	100%	2.5	34.0	2.0	0.50	619		120	8.6	NM	1,414	848							

Table 4

Soil Vapor Extraction System Operational Data
Phillips 66 Company
Renton Terminal
Renton, Washington

			Soil Vapor Extraction										TPHg				Benzene			
Date (mm/dd/yy)	Oxidizer Hour Meter Reading	Total Uptime	SVE Influent Vacuum (in. Hg)	SVE Influent Vacuum (in. WC)	Knock Out Vacuum (in. Hg)	Influent-2 Differential Pressure (in. WC)	Influent-2 Flow (scfm)	Influent-2 Pressure (in. WC)	Influent-2 Temperature (°F)	Influent-2 Concentration (Field) (ppmv)	TPHg Influent Concentration (Lab) (ppmv)	Oxidizer Temperature (°F)	Stack Temperature (°F)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)	Destruction efficiency (%)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)
02/08/19	16,204	100%	2.0	27.2	2.0	0.45	589		115	14.8	NM	1,408	845							
02/13/19	16,348	100%	2.5	34.0	2.0	0.40	553		120	112	613	1,414	843	68	55,591	0.15	100%	0.96	784	0.0004
02/18/19	16,448	100%	2.5	34.0	2.0	0.45	587		120	1.9	NM	1,410	845							
02/25/19	16,616	100%	2.5	34.0	2.0	0.35	515		125	1.8	NM	1,414	840							
03/22/19	17,124	100%	2.5	34.0	2.0	0.40	551		125	378	1190	1,413	841	186	59,698	0.14	100%	2.87	846	0.0003
03/29/19	17,296	100%	3.0	40.8	3.0	0.40	551		125	57	NM	1,413	843							
04/02/19	17,389	97%	2.5	34.0	2.0	0.50	616		125	86.2	NM	1,407	840							
05/09/19	17,432	24%	2.5	34.0	3.5	0.40	551		125	NM	NM	1,410	827							
05/13/19	17,526	100%	3.0	40.8	3.5	0.45	572		150	NM	NM	1,408	827							
05/22/19	17,743	100%	2.5	34.0	2.0	0.50	616		125	112.9	115	1,410	844	140	63,899	0.14	100%	2.27	913	0.0006
05/28/19	17,889	100%	2.5	34.0	2.0	0.50	619		120	76.8	NM	1,414	843							
06/12/19	18,232	95%	2.0	27.2	2.0	0.40	551		125	128	NM	1,408	835							
06/13/19	18,257	100%	2.0	27.2	2.0	0.50	616		125	117	136	1,407	832	28	65,702	0.38	99%	0.27	940	0.0042
06/20/19	18,426	100%	2.0	27.2	2.0	0.40	551		125	102.1	NM	1,416	830							
07/15/19	18,570	100%	2.0	27.2	1.0	0.60	661		150	37.3	NM	1,408	849							
07/23/19	18,764	100%	2.0	27.2	1.0	0.50	619		120	56.8	104	1,413	843	27	66,288	0.41	99%	0.17	945	0.0041
08/02/19	18,965	86%	2.0	27.2	2.0	0.50	621		115	40.1	NM	1,408	846							
08/08/19	19,112	100%	2.5	34.0	2.0	0.50	619		120	215.7	NM	1,407	847							
08/16/19	19,295	95%	2.5	34.0	2.0	0.50	619		120	27.3	42	1,413	842	17	66,778	0.34	98%	0.17	948	0.0005
08/23/19	19,423	76%	2.5	34.0	2.0	0.50	619		120	27.2	NM	1,414	838							
08/30/19	19,594	100%	3.5	47.6	2.5	0.50	621		115	28.6	NM	1,407	836							
09/16/19	19,970	92%	2.8	37.4	2.0	0.50	621		115	19.7	97	1,410	837	16	67,242	0.31	98%	0.17	953	0.0006
09/30/19	20,192	100%	3.0	40.8	2.5	0.50	619		120	15.4	NM	1,408	845							
10/07/19	20,360	100%	2.5	34.0	2.0	0.45	589		115	13.3	NM	1,409	843							
10/11/19	20,457	100%	2.5	34.0	2.0	0.50	621		115	0.0	13	1,412	843	13	67,533	0.20	98%	0.12	956	0.0004
10/16/19	20,529	100%	2.0	27.2	2.0	0.50	621		115	33	NM	1,407	844							
10/23/19	20,698	100%	2.5	34.0	2.0	0.20	390		125	22.5	NM	1,412	824							
10/28/19	20,819	100%	2.8	37.4	2.3	0.20	391		120	20.2	NM	1,415	822							
11/04/19	20,992	100%	2.5	34.0	2.0	0.25	437		120	8.4	NM	1,417	828							
11/08/19	21,090	100%	2.5	34.0	2.0	0.20	391		120	42.8	113	1,409	819	11	67,847	0.10	99%	0.12	959	0.0003
11/18/19	21,334	100%	3.0	40.8	2.5	0.20	390		125	9.5	NM	1,410	819							
11/25/19	21,503	100%	2.5	34.0	2.5	0.20	390		125	9.0	NM	1,419	809							
12/04/19	21,658	72%	2.5	34.0	2.0	0.20	391		120	0.8	NM	1,415	809							
12/09/19	21,777	99%	1.5	20.4	1.0	0.20	390		125	6.5	NM	1,415	810							
12/16/19	21,949	100%	1.75	23.8	1.25	0.20	391		120	0.7	3	1,418	809	8	68,199	0.02	100%	0.10	963	0.0003
12/30/19	22,285	100%	1.5	20.4	1.0	0.20	391		120	2.9	NM	1,417	810							
01/06/20	22,458	100%	1.5	20.4	1.0	0.20	390		125	1.3	NM	1,413	808							
01/16/20	22,693	98%	1.5	20.4	1.0	0.20	393		115	1.1	6	1,425	811	1	68,340	0.02	97%	0.01	965	0.0001
01/27/20	22,888	100%	1.5	20.4	1.0	0.20	391		120	1.8	NM	1,420	810							
02/06/20	23,134	100%	1.5	20.4	1.5	0.25	436		125	1.6	7	1,415	810	1	68,355	0.02	98%	0.02	965	0.00003
02/10/20	23,230	100%	1.5	20.4	1.0	0.25	437		120	NM	NM	1,410	813							
02/18/20	23,425	100%	1.5	20.4	1.0	0.30	479		120	1.8	NM	1,410	815							
03/02/20	23,647	100%	1.5	20.4	1.0	0.25	437		120	0.8	NM	1,410	811							
03/09/20	23,817	100%	1.5	20.4	1.0	0.25	441		110	NM	NM	1,416	811							
03/16/20	23,972	92%	2.0	27.2	3.5	0.20	388		130	10.0	32	1,408	811	3	68,427	0.03	99%	0.05	966	0.00019
03/23/20	24,081	65%	2.0	27.2	2.0	0.20	388		130	11.6	NM	1,419	817							
03/30/20	24,249	100%	3.0	40.8	3.0	0.35	509		140	14.8	NM	1,406	824							
04/09/20	24,495	100%	3.0	40.8	2.5	0.35	507		145	106.3	26	1,407	824	5	68,531	0.03	99%	0.09	968	0.00066
04/13/20	24,592	100%	0.0	0.0	0.0	0.30	473		135	NM	NM	1,503	873							
04/20/20	24,758	99%	3.0	40.8	2.5	0.25	430		140	156	NM	1,407	827							

Table 4

Soil Vapor Extraction System Operational Data
Phillips 66 Company
Renton Terminal
Renton, Washington

			Soil Vapor Extraction										TPHg				Benzene		
Date (mm/dd/yy)	Oxidizer Hour Meter Reading	Total Uptime	SVE Influent Vacuum (in. Hg)	SVE Influent Vacuum (in. WC)	Knock Out Vacuum (in. Hg)	Influent-2 Differential Pressure (in. WC)	Influent-2 Flow (scfm)	Influent-2 Pressure (in. WC)	Influent-2 Temperature (°F)	Influent-2 Concentration (Field) (ppmv)	TPHg Influent Concentration (Lab) (ppmv)	Oxidizer Temperature (°F)	Stack Temperature (°F)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)	Destruction efficiency (%)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)
05/04/20	24,809	100%	3.0	40.8	2.5	0.20	385		140	350	NM	1,415	827							
05/11/20	24,920	66%	3.0	40.8	3.0	0.25	430		140	261	NM	1,416	826							
05/19/20	25,113	100%	3.3	44.2	3.0	0.20	383		145	14.2	35	1,412	823	5	68,657	0.05	99%	0.09	970	0.00081
05/22/20	25,136	100%	3.0	40.8	3.0	0.25	437		120	54.0	NM	1,410	830							
05/26/20	25,231	99%	3.0	40.8	3.0	0.25	437		120	NM	NM	1,406	815							
06/02/20	25,402	100%	3.0	40.8	3.0	0.25	437		120	NM	NM	1,405	817							
06/08/20	25,481	55%	4.0	54.4	4.0	0.25	437		120	35.5	102	1,405	825	11	68,824	0.03	100%	0.21	973	0.00051
06/15/20	25,576	100%	3.0	40.8	3.0	0.25	437		120	6.8	NM	1,411	838							
06/22/20	25,745	100%	4.0	54.4	4.0	0.25	437		120	6.4	NM	1,408	837							
07/01/20	25,964	100%	4.0	54.4	4.0	0.23	420		120	10.3	NM	1,410	838							
07/10/20	26,185	100%	4.0	54.4	4.0	0.23	416		130	15.0	NM	1,412	833							
07/15/20	26,308	100%	5.5	74.8	5.5	0.23	418		125	37.5	81	1,412	830	15	69,326	0.28	98%	0.37	982	0.00080
07/21/20	26,456	100%	11.5	156.4	12.5	0.32	483		150	80.0	NM	1,406	821							
07/27/20	26,595	100%	12.0	163.2	12.0	0.33	492		145	143	NM	1,406	822							
08/07/20	26,864	100%	15.0	204	15.0	0.30	471		140	307	NM	1,407	816							
08/10/20	26,939	100%	15.0	204	15.0	0.30	469		145	308	1300	1,406	813	120	71,097	1.22	99%	2.98	1,026	0.00924
08/17/20	27,108	100%	15.0	204	15.0	0.35	501		160	387	2080	1,410	820	306	72,597			7.03	1,062	
08/26/20	27,327	100%	13.0	177	13.0	0.45	570		155	304	NM	1,405	830							
09/04/20	27,547	100%	13.5	184	13.0	0.45	570		155	640	342	1,404	830	247	77,652			5.45	1,176	
09/09/20	27,668	100%	13.0	177	12.5	0.43	557		155	326	NM	1,407	829							
09/15/20	27,816	100%	13.0	177	13.0	0.43	557		155	267	1280	1,422	833	170	79,988	1.30	99%	3.87	1,228	0.01220
09/21/20	27,961	100%	13.0	177	13.0	0.43	557		155	352	NM	1,408	828							
09/30/20	28,180	100%	12.0	163	12.0	0.43	555		160	NM	NM	1,405	829							
10/05/20	28,305	100%	15.0	204	14.5	0.60	650		170	280	NM	1,404	858							
10/12/20	28,471	100%	16.5	224	16.0	0.50	594		170	431	NM	1,404	853							
10/13/20	28,495	100%	17.0	231	17.0	0.40	531		170	346	1430	1,409	850	290	88,197	0.28	100%	8.65	1,473	0.00448
10/21/20	28,688	99%	17.0	231	16.5	0.43	550		170	183	980	1,457	878	243	90,151			7.74	1,535	
10/26/20	28,799	93%	17.0	231	17.0	0.45	563		170	278	NM	1,411	857							
11/11/20	29,167	96%	17.0	231	16.5	0.45	563		170	160.8	1310	1,410	840	239	94,916	0.23	100%	3.52	1,605	0.00336
11/18/20	29,341	100%	16.5	224	16.0	0.45	563		170	44.9	NM	1,405	840							
11/23/20	29,458	98%	16.0	218	16.0	0.50	594		170	17.7	NM	1,409	840							
12/03/20	29,464	100%	2.5	34	2.5	0.55	646		125	2.5	NM	1,408	843							
12/09/20	29,611	100%	10.0	136	9.5	0.45	575		145	3.6	23	1,408	834	146	97,621	0.33	100%	0.92	1,622	0.05059
12/22/20	29,927	100%	9.5	129	9.0	0.48	588		150	3.9	NM	1,405	836							
01/04/21	30,243	100%	10.0	136	9.0	0.45	572		150	3.8	NM	1,404	834							
01/18/21	30,570	98%	8.0	109	7.5	0.50	601		155	3.2	11	1,411	837	4	97,769	0.17	95%	0.03	1,623	0.04873
01/28/21	30,814	100%	8.0	109	7.5	0.45	572		150	1.6	NM	1,408	836							
02/05/21	30,983	99%	5.5	75	5.0	0.55	635		145	4.3	NM	1,407	860							
02/12/21	31,153	100%	10.0	136	9.5	0.45	572		150	NM	NM	1,410	853							
02/18/21	31,300	100%	14.0	190	13.5	0.35	501		160	18.3	38	1,407	855	5	97,930	0.09	98%	0.08	1,626	0.00024
03/01/21	31,561	100%	NM	NM	NM	NM	NM		NM	NM	NM	1,405	834							
03/10/21	31,782	100%	11.5	156	11.0	0.50	606		145	14.1	74	1,401	840	12	98,162	0.07	99%	0.17	1,630	0.00030
04/05/21	32,270	92%	8.0	109	8.0	0.30	467		150	38.5	NM	1,408	832							
04/21/21	32,582	99%	11.0	150	10.5	0.50	596		165	20.9	71	1,405	839	15	98,662	0.12	99%	0.21	1,637	0.00066
04/29/21	32,775	100%	11.0	150	10.5	0.50	596		165	NM	NM	1,407	845							
05/13/21	33,120	100%	12.0	163	11.5	0.45	559		180	15.2	114	1,405	843	20	99,113	0.36	98%	0.28	1,643	0.00107
05/25/21	33,411	100%	14.0	190	13.5	0.40	525		185	10.8	NM	1,408	842							
06/30/21	33,610	64%	6.0	82	5.5	0.65	688		150	3.5	21	1,406	853	15	99,417	0.32	98%	0.20	1,647	0.03650
07/08/21	33,805	100%	10.5	143	10.0	0.45	572		150	9.3	NM	1,407	842							
07/20/21	34,098	100%	13.0	177	12.0	0.40	540		150	69.2	245	1,410	839	30	100,023	0.20	99%	0.47	1,657	0.03712

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Phillips 66 Company
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Date (mm/dd/yy)	Oxidizer Hour Meter Reading	Total Uptime	Soil Vapor Extraction										TPHg				Benzene		
			SVE Influent Vacuum (in. Hg)	SVE Influent Vacuum (in. WC)	Knock Out Vacuum (in. Hg)	Influent-2 Differential Pressure (in. WC)	Influent-2 Flow (scfm)	Influent-2 Pressure (in. WC)	Influent-2 Temperature (°F)	Influent-2 Concentration (Field) (ppmv)	TPHg Influent Concentration (Lab) (ppmv)	Oxidizer Temperature (°F)	Stack Temperature (°F)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)	Destruction efficiency (%)	Removal rate (ppd)	Cumulative Recovery (pounds)	Emission rate (ppd)
07/28/21	34,278	94%	12.0	163	12.0	0.40	540		150	80.2	NM	1,416	842							
08/05/21	34,472	100%	13.0	177	12.5	0.40	529		175	187.0	612	1,406	845	86	101,358	0.36	100%	1.14	1,674	0.00285
08/12/21	34,590	70%	13.0	177	13.0	0.30	453		190	196.3	NM	1,413	833							
08/30/21	34,879	67%	11.0	150	11.0	0.45	570		155	191.0	NM	1,410	845							
09/09/21	35,110	100%	16.0	218	15.5	0.40	531		170	272.0	NM	1,437	854							
09/14/21	35,235	100%	15.0	204	14.0	0.45	570		155	415.0	800	1,418	850	140	105,799	0.52	100%	1.82	1,732	0.00534
09/28/21	35,569	99%	14.5	197	15.0	0.35	495		175	352.6	NM	1,432	841							
10/06/21	35,752	95%	15.0	204	15.0	0.40	519		200	NM	NM	NM	NM							
10/13/21	35,920	100%	15.0	204	15.0	0.40	531		170	284.0	490	1,406	841	127	109,429	0.53	100%	1.55	1,777	0.00431
10/22/21	36,139	100%	15.0	204	15.0	0.40	531		170	181.4	NM	1,406	841							
10/27/21	36,264	100%	14.5	197	14.0	0.40	531		170	178.0	NM	1,415	846							
11/03/21	36,434	100%	12.6	171	12.0	0.40	535		160	79.6	140	1,402	847	63	110,768	0.42	99%	0.54	1,788	0.00175
11/16/21	36,683	80%	7.5	102	7.5	0.50	608		140	NM	NM	1,406	863							
11/24/21	36,878	100%	8.0	109	8.0	0.45	575		145	4.9	NM	1,403	843							
12/01/21	37,047	100%	8.3	112	8.0	0.45	575		145	6.5	NM	1,410	842							
12/08/21	37,218	100%	8.0	109	7.5	0.45	575		145	3.6	9	1,409	850	16	111,289	0.21	99%	0.07	1,790	0.00052
12/21/21	37,504	92%	7.5	102	7.0	0.50	608		140	8.1	NM	1,407	838							
01/05/22	37,870	100%	8.0	109	7.5	0.45	577		140	6.5	NM	1,407	836							
01/17/22	38,149	97%	6.0	82	5.8	0.50	608		140	2.4	9	1,407	854	2	111,367	0.29	86%	0.01	1,791	0.00010
01/28/22	38,417	100%	4.0	54	4.0	0.50	608		140	2.3	NM	1,413	848							
02/03/22	38,562	100%	4.0	54	4.0	0.40	544		140	17.3	NM	1,407	848							
02/10/22	38,734	100%	5.0	68	5.0	0.38	529		135	2.8	11	1,410	850	2	111,419	0.28	87%	0.01	1,791	0.00010
02/16/22	38,879	100%	5.0	68	5.0	0.40	544		140	4.9	NM	1,410	851							
03/04/22	39,122	63%	5.0	68	4.5	0.35	511		135	4.3	NM	1,412	849							
03/09/22	39,242	100%	5.5	75	5.0	0.38	527		140	3.8	4	1,407	849	1	111,449	0.20	86%	0.01	1,791	0.00010
03/22/22	39,561	100%	6.0	82	5.0	0.35	505		150	6.2	NM	1,404	847							
03/28/22	NM	NM	NM	NM	NM	NM	NM		NM	NM	NM	NM	NM							
04/12/22	39,700	27%	6.0	82	5.5	0.35	507		145	14.3	28	1,405	843	3	111,507	0.19	94%	0.02	1,792	0.00014
04/21/22	39,919	100%	6.0	82	5.5	0.38	525		145	3.3	NM	1,413	842							
4/27/2022	40,068	100%	5.5	75	2.5	0.45	572		150	5.0	NM	1,408	845							
5/2/2022	40,187	100%	6.0	82	6.0	0.35	505		150	2.1	NM	1,406	841							
5/10/2022	40,378	99%	5.0	68	5.0	0.45	572		150	4.9	10	1,400	845	4	111,615	0.20	95%	0.02	1,792	0.00013
5/17/2022	40,476	58%	5.0	68	5.0	0.35	NM		NM	NM	NM	1,407	853							
5/23/2022	40,537	43%	5.0	68	5.0	0.35	505		150	NM	NM	1,409	851							
6/1/2022	40,753	100%	7.0	95	6.0	0.35	501		160	5.3	10	1,421	848	2	111,645	0.20	90%	0.01	1,792	0.00009
6/6/2022	40,877	100%	6.0	82	6.0	0.35	505		150	9.5	NM	1,406	840							
6/14/2022	41,074	100%	3.0	41	2.5	0.35	505		150	NM	NM	1,408	847							
7/14/2022	41,553	66%	5.0	68	5.0	0.60	648		175	6.0	5	1,406	864	2	111,697	0.20	87%	0.01	1,793	0.00015
7/18/2022	41,618	70%	5.0	68	5.0	0.60	655		160	5.0	NM	1,405	860							
8/1/2022	41,867	73%	8.0	109	8.0	0.45	561		175	30.0	NM	1,409	852							
8/4/2022	41,936	100%	8.3	112	8.3	0.5	561		175	23.2	7	1,404	849	1	111,719	0.24	83%	0.01	1,793	0.00021
8/8/2022	42,033	100%	8.5	116	8.5	0.45	561		175	16.3	NM	1,480	877							
8/17/2022	42,253	100%	4.0	54	4.0	0.50	598		160	33.8	NM	1,480	877							
8/25/2022	42,446	100%	11.0	150	11.0	0.40	529		175	80.0	NM	1,486	877							
9/1/2022	42,598	96%	6.0	82	6.0	0.30	467		150	170.0	NM	1,412	827							
9/6/2022	42,717	99%	6.0	82	4.0	0.30	467		150	42.6	NM	1,416	828							
9/12/2022	42,864	100%	6.0	82	6.0	0.40	540		150	97.5	84	1,406	827	17	112,357	0.26	98%	0.04	1,795	0.00034
9/19/2022	43,033	100%	10.0	136	10.0	0.40	540		150	43.4	NM	1,476	876							
9/26/2022	43,203	100%	9.0	122	9.0	0.45	572		150	146.3	NM	1,416	835							
10/3/2022	43,375	100%	7.0	95	7.0	0.50	598		160	104.5	NM	1,479	884							

Table 4

Soil Vapor Extraction System Operational Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Date (mm/dd/yy)	Oxidizer Hour Meter Reading	Total Uptime	Soil Vapor Extraction: SVE Influent Vacuum (in. Hg)	SVE Influent Vacuum (in. WC)	Knock Out Vacuum (in. Hg)	Influent-2 Differential Pressure (in. WC)	Influent-2 Flow (scfm)	Influent-2 Pressure (in. WC)	Influent-2 Temperature (°F)	Influent-2 Concentration (Field) (ppmv)	TPHg Influent Concentration (Lab) (ppmv)	Oxidizer Temperature (°F)	Stack Temperature (°F)	TPHg: Removal rate (ppd)	TPHg: Cumulative Recovery (pounds)	TPHg: Emission rate (ppd)	TPHg: Destruction efficiency (%)	Benzene: Removal rate (ppd)	Benzene: Cumulative Recovery (pounds)	Benzene: Emission rate (ppd)
					Maximum 3Q22 Flow Rate (scfm):		655													
Regulatory Limits (ppmv):							**<1,500**					**>1,400**					**>97% when inlet concentrations exceed 200 ppmv**			**<0.085**

Abbreviations and Notes:

(mm/dd/yy) = Month/day/year
ALS = Air liquid separator
SVE = Soil vapor extraction
conc = Concentration
TPPH = Total Purgeable Petroleum Hydrocarbon analyzed by method NWTPHg-X
°F = Degrees Farenheit
NA = Not applicable
NM = not measured
NS = Not sampled
L = liter
gpm = gallon per minute
µg/L = micrograms per liter
g = grams
cc = cubic centimeter
lb = pound
All readings and data are field collected excluding influent concentrations
* = not actual analytical data. These value was estimated by taking 70% of the extrapolated value using historical PID vs. analytical data. This was done to estimate removal rate after air sweep was implemented.
Density: = 0.73 g/cc TPHg
= 0.88 g/cc Benzene
Italics = referenced laboratory concentration is non-detect. 50% of reporting limit value used in the equation
Molecular weight of TPHg = 100 lb/lb-mole
Molecular weight of benzene = 78 lb/lb-mole
Molecular weight of toluene = 92
Molecular weight of ethylbenzene 106
Molecular weight of xylene = 106

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Well	Date	Top of Casing Elevation (feet)	Depth to Free Product (feet BTOC)	Elevation of Free Product (feet)	Product Thickness In Well (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet)	Potentiometric Elevation
R-1	1/27/1993	16.94	--	--	0.05	5.22	11.76	--
R-1	3/12/1993	16.94	--	--	0.10	11.80	5.22	--
R-1	6/30/1993	16.94	--	--	0.01	6.88	10.07	--
R-1	12/23/1994	16.94	--	--	--	3.43	13.51	--
R-1	2/3/1995	16.94	--	--	0.10	4.10	12.92	--
R-1	2/22/1995	16.94	--	--	0.13	5.28	11.76	--
R-1	3/24/1995	16.94	--	--	0.40	5.55	11.69	--
R-1	4/27/1995	16.94	--	--	0.32	5.62	11.56	--
R-1	5/15/1995	16.94	--	--	0.47	4.91	12.38	--
R-1	6/16/1995	16.94	--	--	0.44	5.29	11.98	--
R-1	8/25/1995	16.94	--	--	0.20	5.85	11.24	--
R-1	9/26/1995	16.94	--	--	0.19	7.67	9.41	--
R-1	10/20/1995	16.94	--	--	0.02	6.17	10.79	--
R-1	4/4/1996	16.94	--	--	0.15	3.82	13.23	--
R-1	4/16/1996	16.94	--	--	0.14	3.14	13.91	--
R-1	5/10/1996	16.94	--	--	0.11	2.72	14.30	--
R-1	5/15/1996	16.94	--	--	0.06	2.67	14.32	--
R-1	5/22/1996	16.94	--	--	--	7.83	9.11	--
R-1	6/5/1996	16.94	--	--	--	8.62	8.32	--
R-1	6/24/1996	16.94	--	--	--	8.50	8.44	--
R-1	7/15/1996	16.94	--	--	--	8.63	8.31	--
R-1	8/23/1996	16.94	--	--	--	8.53	8.41	--
R-1	9/18/1996	16.94	--	--	--	8.34	8.60	--
R-1	1/3/1997	16.94	--	--	--	3.11	13.83	--
R-1	3/12/1997	16.94	--	--	--	8.91	8.03	--
R-1	4/2/1997	16.94	--	--	0.05	11.04	5.94	--
R-1	7/8/1997	16.94	--	--	--	5.71	11.23	--
R-1	8/26/1997	16.94	--	--	--	11.02	5.92	--
R-1	9/17/1997	16.94	--	--	--	10.84	6.10	--
R-1	4/30/1998	16.94	--	--	0.02	4.60	12.36	--
R-1	5/24/2001	16.94	--	--	--	10.75	6.19	--
R-1	11/24/2002	19.83	--	--	--	5.90	13.93	13.93
R-1	6/29/2007	19.83	--	--	--	5.66	14.17	14.17
R-1	10/22/2007	19.83			Not Monitored			NM
R-1	11/28/2007	19.83			Not Monitored			NM
R-1	12/13/2007	19.83	--	--	--	9.10	10.73	10.73
R-1	1/21/2008	19.83	--	--	--	6.98	12.85	12.85
R-1	2/24/2008	19.83			Not Monitored			--
R-1	3/24/2008	19.83	--	--	--	5.35	14.48	14.48
R-1	8/25/2008	19.83			Not Monitored			--
R-1	2/18/2009	19.83			Not Monitored			NM
R-1	8/25/2009	19.83			Not Monitored			NM
R-1	3/22/2010	16.94	--	--	--	4.75	12.19	12.19
R-1	8/23/2010	16.94	5.35	11.59	0.02	5.37	11.59	11.60
R-1	2/7/2011	16.94	--	--	--	4.56	12.38	--
R-2	1/27/1993	17.52	--	--	--	6.15	11.37	--
R-2	3/12/1993	17.52	--	--	--	7.20	10.32	--
R-2	2/22/1995	17.52	--	--	--	7.66	9.86	--
R-2	5/15/1995	17.52	--	--	--	7.87	9.65	--
R-2	6/16/1995	17.52	--	--	0.01	7.51	10.02	--
R-2	9/26/1995	17.52	--	--	0.01	7.81	9.72	--
R-2	10/20/1995	17.52	--	--	0.06	7.63	9.94	--
R-2	4/4/1996	17.52	--	--	--	5.55	11.97	--
R-2	4/16/1996	17.52	--	--	--	5.29	12.23	--
R-2	5/10/1996	17.52	--	--	--	5.21	12.31	--
R-2	5/15/1996	17.52	--	--	--	5.10	12.42	--
R-2	5/22/1996	17.52	--	--	0.02	7.59	9.95	--
R-2	6/5/1996	17.52	--	--	0.18	7.80	9.86	--
R-2	6/24/1996	17.52	--	--	0.03	7.72	9.82	--
R-2	7/15/1996	17.52	--	--	0.04	7.60	9.95	--
R-2	8/23/1996	17.52	--	--	0.02	7.77	9.77	--
R-2	9/18/1996	17.52	--	--	0.04	7.87	9.68	--
R-2	1/3/1997	17.52	--	--	--	4.25	13.27	--
R-2	3/12/1997	17.52	--	--	0.02	8.02	9.52	--
R-2	4/2/1997	17.52	--	--	0.11	7.72	9.88	--
R-2	7/8/1997	17.52	--	--	--	6.47	11.05	--
R-2	8/19/1997	17.52	--	--	0.02	7.76	9.78	--
R-2	9/17/1997	17.52	--	--	--	7.67	9.85	--
R-2	4/30/1998	17.52	--	--	0.03	6.43	11.11	--
R-2	5/24/2001	17.52	--	--	0.35	8.25	9.53	--
R-2	11/24/2002	20.28	--	--	--	6.69	13.59	13.59
R-2	6/29/2007	20.28	--	--	--	6.72	13.56	13.56
R-2	10/22/2007	20.28			Not Monitored			NM
R-2	11/28/2007	20.28			Not Monitored			NM
R-2	12/13/2007	20.28	--	--	--	7.76	12.52	12.52
R-2	1/21/2008	20.28	--	--	--	5.83	14.45	14.45
R-2	2/24/2008	20.28			Not Monitored			--
R-2	3/24/2008	20.28	--	--	--	6.19	14.09	14.09
R-2	8/25/2008	20.28			Not Monitored			--
R-2	2/18/2009	20.28			Not Monitored			NM
R-2	8/25/2009	20.28			Not Monitored			NM
R-2	3/22/2010	17.52	--	--	--	5.68	11.84	11.84
R-2	8/23/2010	17.52	--	--	--	6.85	10.67	10.67
R-2	2/7/2011	17.52	--	--	--	7.87	9.65	--
W-1	1/27/1993	18.86	--	--	0.19	5.71	13.29	--
W-1	3/12/1993	18.86	--	--	0.06	8.24	10.67	--
W-1	4/14/1993	18.86	--	--	--	8.22	10.64	--
W-1	6/30/1993	18.86	--	--	0.08	8.25	10.67	--
W-1	12/15/1993	18.86	--	--	--	8.60	10.26	--
W-1	2/8/1994	18.86	--	--	0.13	6.51	12.45	--
W-1	7/8/1994	18.86	--	--	--	8.64	10.22	--
W-1	8/12/1994	18.86	--	--	--	8.63	10.23	--
W-1	12/23/1994	18.86	--	--	--	5.48	13.38	--
W-1	2/3/1995	18.86	--	--	--	5.24	13.62	--
W-1	2/22/1995	18.86	--	--	0.03	7.13	11.75	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

W-1	3/24/1995	18.86	--	--	0.14	7.04	11.93	--
W-1	4/27/1995	18.86	--	--	--	6.75	12.11	--
W-1	5/15/1995	18.86	--	--	0.39	6.88	12.27	--
W-1	6/16/1995	18.86	--	--	0.45	7.34	11.86	--
W-1	8/25/1995	18.86	--	--	0.18	7.89	11.11	--
W-1	10/20/1995	18.86	--	--	0.12	8.60	10.35	--
W-1	4/4/1996	18.86	--	--	0.07	5.81	13.10	--
W-1	4/16/1996	18.86	--	--	0.12	5.07	13.88	--
W-1	5/10/1996	18.86	--	--	0.09	4.75	14.18	--
W-1	5/15/1996	18.86	--	--	0.11	4.74	14.20	--
W-1	5/22/1996	18.86	--	--	0.07	8.08	10.83	--
W-1	6/5/1996	18.86	--	--	0.02	8.12	10.76	--
W-1	6/24/1996	18.86	--	--	0.01	8.28	10.59	--
W-1	7/15/1996	18.86	--	--	0.08	8.52	10.40	--
W-1	8/23/1996	18.86	--	--	--	8.63	10.23	--
W-1	9/18/1996	18.86	--	--	--	8.63	10.23	--
W-1	1/3/1997	18.86	--	--	--	4.97	13.89	--
W-1	3/12/1997	18.86	--	--	--	8.08	10.78	--
W-1	4/2/1997	18.86	--	--	0.03	8.14	10.74	--
W-1	5/1/1997	18.86	--	--	--	8.18	10.68	--
W-1	8/19/1997	18.86	--	--	--	8.57	10.29	--
W-1	9/17/1997	18.86	--	--	--	8.20	10.66	--
W-1	4/30/1998	18.86	--	--	0.08	6.70	12.22	--
W-1	7/28/1999	18.86	--	--	0.12	7.18	11.77	--
W-1	5/23/2000	18.86	--	--	--	6.91	11.95	--
W-1	5/24/2001	18.86	--	--	0.01	8.45	10.42	--
W-1	6/5/2002	18.86	--	--	--	6.42	12.44	--
W-1	5/29/2003	18.86	--	--	sheen	7.91	10.95	--
W-1	6/16/2004	18.86	--	--	0.02	7.65	11.23	--
W-1	6/20/2005	18.86	--	--	--	6.31	12.55	--
W-1	6/5/2006	18.86	--	--	--	5.99	12.87	--
W-1	10/23/2006	18.86	--	--	--	8.22	10.64	--
W-1	3/14/2007	21.89	--	--	--	5.41	16.48	--
W-1	9/10/2007	21.89	--	--	--	8.63	13.26	--
W-1	11/28/2007	21.89	--	--	--	8.62	13.27	13.27
W-1	12/13/2007	21.89	--	--	--	6.92	14.97	14.97
W-1	1/21/2008	21.89	--	--	--	8.00	13.89	13.89
W-1	2/24/2008	21.89	--	--	--	6.65	15.24	15.24
W-1	3/24/2008	21.89	--	--	--	7.37	14.52	14.52
W-1	6/2/2008	21.89	--	--	--	8.49	13.40	--
W-1	8/25/2008	21.89	--	--	--	8.61	13.28	13.28
W-1	2/18/2009	21.89			Not Monitored			NM
W-1	8/25/2009	21.89			Not Monitored			NM
W-1	3/22/2010	21.89	--	--	--	5.35	16.54	16.54
W-1	8/23/2010	21.89	--	--	--	7.40	14.49	14.49
W-1	2/7/2011	21.89	--	--	--	6.60	15.29	--
W-1	5/27/2011	21.89	--	--	--	8.42	13.47	--
W-1	8/16/2011	21.89	--	--	--	8.50	13.39	--
W-1	11/14/2011	21.89	--	--	--	8.61	13.28	--
W-1	2/20/2012	21.89	--	--	--	8.07	13.82	--
W-1	8/22/2012	21.89	--	--	--	7.79	14.10	--
W-1	11/5/2012	21.89	--	--	--	8.61	13.28	--
W-1	1/28/2013	21.89	--	--	--	5.29	16.60	--
W-1	5/9/2013	21.89	--	--	--	8.07	13.82	--
W-1	8/19/2013	21.89			DRY			
W-1	11/25/2013	21.89	--	--	--	8.18	13.71	--
W-1	2/14/2014	21.89	--	--	--	8.06	13.83	--
W-1	5/5/2014	21.89	--	--	--	7.96	13.93	--
W-1	8/19/2014	21.89			DRY			
W-1	11/21/2014	21.89	--	--	--	6.96	14.93	--
W-1	12/11/2017	21.89	--	--	--	4.96	16.93	--
W-1	2/26/2018	21.89	--	--	--	--	--	--
W-1	6/11/2018	21.89	--	--	--	--	--	--
								--
W-2	1/27/1993	18.28	--	--	0.16	5.11	13.29	--
W-2	3/12/1993	18.28	--	--	0.02	7.94	10.36	--
W-2	4/14/1993	18.28	--	--	0.02	7.96	10.34	--
W-2	6/30/1993	18.28	--	--	0.09	7.65	10.70	--
W-2	12/15/1993	18.28	--	--	--	8.04	10.24	--
W-2	2/8/1994	18.28	--	--	0.13	5.93	12.45	--
W-2	7/8/1994	18.28	--	--	--	8.69	9.59	--
W-2	8/12/1994	18.28	--	--	--	8.98	9.30	--
W-2	9/21/1994	18.28	--	--	0.18	9.38	9.04	--
W-2	11/4/1994	18.28	--	--	0.37	9.51	9.05	--
W-2	12/23/1994	18.28	--	--	--	4.92	13.36	--
W-2	2/3/1995	18.28	--	--	--	5.16	13.12	--
W-2	2/22/1995	18.28	--	--	0.06	6.57	11.76	--
W-2	3/24/1995	18.28	--	--	0.14	6.48	11.91	--
W-2	4/27/1995	18.28	--	--	--	5.65	12.63	--
W-2	5/15/1995	18.28	--	--	0.57	6.48	12.23	--
W-2	6/16/1995	18.28	--	--	0.60	6.93	11.80	--
W-2	8/25/1995	18.28	--	--	0.22	7.36	11.09	--
W-2	10/20/1995	18.28	--	--	--	7.67	10.61	--
W-2	4/4/1996	18.28	--	--	0.02	5.19	13.11	--
W-2	4/16/1996	18.28	--	--	--	4.40	13.88	--
W-2	5/10/1996	18.28	--	--	--	4.10	14.18	--
W-2	5/15/1996	18.28	--	--	--	4.08	14.20	--
W-2	5/22/1996	18.28	--	--	--	7.59	10.69	--
W-2	6/5/1996	18.28	--	--	--	7.69	10.59	--
W-2	6/24/1996	18.28	--	--	--	8.08	10.20	--
W-2	7/15/1996	18.28	--	--	--	8.45	9.83	--
W-2	8/23/1996	18.28	--	--	--	8.80	9.48	--
W-2	9/18/1996	18.28	--	--	--	8.98	9.30	--
W-2	1/3/1997	18.28	--	--	--	4.48	13.80	--
W-2	3/12/1997	18.28	--	--	--	7.57	10.71	--
W-2	4/2/1997	18.28	--	--	--	7.60	10.68	--
W-2	5/1/1997	18.28	--	--	--	7.72	10.56	--
W-2	8/19/1997	18.28	--	--	--	8.10	10.18	--
W-2	9/18/1997	18.28	--	--	0.07	7.40	10.93	--
W-2	4/30/1998	18.28	--	--	0.07	6.11	12.22	--
W-2	7/29/1999	18.28	--	--	--	6.50	11.78	--
W-2	5/23/2000	18.28	--	--	--	6.33	11.95	--
W-2	5/24/2001	18.28	--	--	--	8.10	10.18	--
W-2	6/5/2002	18.28	--	--	0.02	5.87	12.43	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

W-2	5/28/2003	18.28	--	--	sheen	7.32	10.96	--
W-2	6/15/2004	18.28	--	--	--	8.55	9.73	--
W-2	6/22/2005	18.28	--	--	--	5.71	12.57	--
W-2	6/5/2006	18.28	--	--	--	5.38	12.90	--
W-2	10/23/2006	18.28	--	--	--	7.63	10.65	--
W-2	3/14/2007	21.30	--	--	--	4.82	16.48	--
W-2	9/10/2007	21.30	--	--	--	8.97	12.33	--
W-2	11/28/2007	21.30	--	--	--	8.15	13.15	13.15
W-2	12/13/2007	21.30	--	--	--	7.65	13.65	13.65
W-2	1/21/2008	21.30	--	--	--	7.58	13.72	13.72
W-2	2/24/2008	21.30	--	--	--	6.04	15.26	15.26
W-2	3/24/2008	21.30	--	--	--	6.78	14.52	14.52
W-2	6/2/2008	21.30	--	--	--	8.25	13.05	--
W-2	8/25/2008	21.30	--	--	--	8.51	12.79	12.79
W-2	2/18/2009	21.30			Not Monitored			NM
W-2	8/25/2009	21.30			Not Monitored			NM
W-2	3/22/2010	21.30	--	--	--	4.78	16.52	16.52
W-2	8/23/2010	21.30	--	--	--	6.79	14.51	14.51
W-2	2/7/2011	21.30	--	--	--	5.99	15.31	--
W-2	5/27/2011	21.30	--	--	--	7.61	13.69	--
W-2	8/8/2011	21.30	--	--	--	8.38	12.92	--
W-2	11/14/2011	21.30	--	--	--	8.46	12.84	--
W-2	2/20/2012	21.30	--	--	--	7.60	13.70	--
W-2	8/22/2012	21.30	--	--	--	7.20	14.10	--
W-2	11/5/2012	21.30	--	--	--	8.39	12.91	--
W-2	5/9/2013	21.30	--	--	--	7.56	13.74	--
W-2	8/19/2013	21.30	--	--	--	8.71	12.59	--
W-2	11/25/2013	21.30	--	--	--	7.72	13.58	--
W-2	2/14/2014	21.30	--	--	--	7.60	13.70	--
W-2	5/5/2014	21.30	--	--	--	7.58	13.72	--
W-2	8/19/2014	21.30	--	--	--	8.91	12.39	--
W-2	11/21/2014	21.30	--	--	--	6.37	14.93	--
W-3	1/27/1993	17.10	--	--	--	5.42	11.68	--
W-3	3/12/1993	17.10	--	--	--	6.11	10.99	--
W-3	4/14/1993	17.10	--	--	--	5.88	11.22	--
W-3	12/15/1993	17.10	--	--	--	5.59	11.51	--
W-3	11/4/1994	17.10	--	--	--	7.72	9.38	--
W-3	2/22/1995	17.10	--	--	--	5.82	11.28	--
W-3	6/16/1995	17.10	--	--	--	6.37	10.73	--
W-3	10/20/1995	17.10	--	--	--	6.17	10.93	--
W-3	4/4/1996	17.10	--	--	--	5.19	11.91	--
W-3	4/16/1996	17.10	--	--	--	4.86	12.24	--
W-3	5/10/1996	17.10	--	--	--	4.83	12.27	--
W-3	5/15/1996	17.10	--	--	--	4.71	12.39	--
W-3	5/22/1996	17.10	--	--	--	5.78	11.32	--
W-3	6/5/1996	17.10	--	--	--	6.07	11.03	--
W-3	6/24/1996	17.10	--	--	--	6.30	10.80	--
W-3	7/15/1996	17.10	--	--	--	6.65	10.45	--
W-3	9/18/1996	17.10	--	--	--	6.37	10.73	--
W-3	1/3/1997	17.10	--	--	--	3.72	13.38	--
W-3	4/2/1997	17.10	--	--	0.04	5.83	11.30	--
W-3	5/1/1997	17.10	--	--	--	5.80	11.30	--
W-3	4/29/1998	17.10	--	--	--	5.81	11.29	--
W-3	7/30/1999	17.10	--	--	--	6.11	10.99	--
W-3	5/23/2000	17.10	--	--	--	5.55	11.55	--
W-3	5/22/2001	17.10	--	--	--	6.10	11.00	--
W-3	6/4/2002	17.10	--	--	--	5.78	11.32	--
W-3	5/28/2003	17.10	--	--	--	6.26	10.84	--
W-3	6/16/2004	17.10	--	--	0.02	6.23	10.89	--
W-3	6/21/2005	17.10	--	--	--	5.75	11.35	--
W-3	6/5/2006	17.10	--	--	--	5.43	11.67	--
W-3	10/23/2006	17.10	--	--	--	6.22	10.88	--
W-3	3/14/2007	19.95	--	--	--	4.74	15.21	--
W-3	9/10/2007	19.95	--	--	--	6.55	13.40	--
W-3	11/28/2007	19.95	--	--	--	8.84	11.11	11.11
W-3	12/13/2007	19.95	--	--	--	5.79	14.16	14.16
W-3	1/21/2008	19.95	--	--	--	5.44	14.51	14.51
W-3	2/24/2008	19.95	--	--	--	5.77	14.18	14.18
W-3	3/24/2008	19.95	--	--	--	5.75	14.20	14.20
W-3	6/2/2008	19.95	--	--	--	6.20	13.75	--
W-3	8/25/2008	19.95	--	--	--	5.79	14.16	14.16
W-3	2/18/2009	19.95			Not Monitored			NM
W-3	8/25/2009	19.95			Not Monitored			NM
W-3	3/22/2010	19.95	--	--	--	4.61	15.34	15.34
W-3	8/23/2010	19.95	--	--	--	5.84	14.11	14.11
W-3	2/7/2011	19.95	--	--	--	4.69	15.26	--
W-3	5/27/2011	19.95			Not Monitored			
W-3	8/8/2011	19.95			Dry			
W-3	11/14/2011	19.95			Dry			
W-3	2/20/2012	19.95			Dry			
W-3	8/22/2012	19.95			Dry			
W-3	11/5/2012	19.95	--	--	--	4.98	14.97	--
W-3	1/28/2013	19.95	--	--	--	4.01	15.94	--
W-3	5/9/2013	19.95	DRY					
W-3	8/19/2013	19.95	DRY					
W-3	5/5/2014	19.95	--	--	--	3.61	16.34	--
W-3	8/19/2014	19.95			DRY			
W-3	11/21/2014	19.95	--	--	--	4.59	15.36	--
W-4	1/27/1993	18.03	--	--	--	4.43	13.60	--
W-4	3/12/1993	18.03	--	--	--	7.43	10.60	--
W-4	4/14/1993	18.03	--	--	--	7.32	10.71	--
W-4	12/15/1993	18.03	--	--	--	6.59	11.44	--
W-4	11/4/1994	18.03	--	--	--	8.20	9.83	--
W-4	2/22/1995	18.03	--	--	--	7.17	10.86	--
W-4	6/16/1995	18.03	--	--	--	7.55	10.48	--
W-4	10/20/1995	18.03	--	--	--	7.67	10.36	--
W-4	4/4/1996	18.03	--	--	--	6.12	11.91	--
W-4	4/16/1996	18.03	--	--	--	5.74	12.29	--
W-4	5/10/1996	18.03	--	--	--	5.99	12.04	--
W-4	5/15/1996	18.03	--	--	--	5.67	12.36	--
W-4	5/22/1996	18.03	--	--	--	7.20	10.83	--
W-4	6/5/1996	18.03	--	--	--	7.41	10.62	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

W-4	6/24/1996	18.03	--	--	--	7.49	10.54	--
W-4	7/15/1996	18.03	--	--	--	7.73	10.30	--
W-4	1/3/1997	18.03	--	--	--	4.80	13.23	--
W-4	4/2/1997	18.03	--	--	--	7.37	10.66	--
W-4	5/1/1997	18.03	--	--	--	7.34	10.69	--
W-4	4/29/1998	18.03	--	--	--	6.84	11.19	--
W-4	7/30/1999	18.03	--	--	--	7.30	10.73	--
W-4	5/23/2001	18.03	--	--	0.03	7.71	10.34	--
W-4	6/4/2002	18.03	--	--	--	6.84	11.19	--
W-4	5/28/2003	18.03	--	--	sheen	7.68	10.35	--
W-4	6/15/2004	18.03	--	--	0.02	7.65	10.40	--
W-4	6/21/2005	18.03	--	--	--	6.78	11.25	--
W-4	6/5/2006	18.03	--	--	--	6.23	11.80	--
W-4	10/23/2006	18.03	--	--	--	7.67	10.36	--
W-4	3/14/2007	20.91	--	--	--	5.70	15.21	--
W-4	9/10/2007	20.91	--	--	--	8.20	12.71	--
W-4	11/28/2007	20.91	--	--	--	7.68	13.23	13.23
W-4	12/13/2007	20.91	--	--	--	7.40	13.51	13.51
W-4	1/21/2008	20.91	--	--	--	6.30	14.61	14.61
W-4	2/24/2008	20.91	--	--	--	6.81	14.10	14.10
W-4	3/24/2008	20.91	--	--	--	6.78	14.13	14.13
W-4	6/2/2008	20.91	--	--	--	7.69	13.22	--
W-4	8/25/2008	20.91	--	--	--	8.00	12.91	12.91
W-4	2/18/2009	20.91			Not Monitored			NM
W-4	8/25/2009	20.91			Not Monitored			NM
W-4	3/22/2010	20.91	--	--	--	5.89	15.02	15.02
W-4	8/23/2010	20.91	--	--	--	7.11	13.80	13.80
W-4	2/7/2011	20.91	--	--	--	6.01	14.90	--
W-4	5/27/2011	20.91			Not Monitored			
W-4	8/8/2011	20.91	--	--	--	7.81	13.1	--
W-4	11/14/2011	20.91	--	--	--	7.89	13.02	--
W-4	2/20/2012	20.91	--	--	--	7.90	13.01	--
W-4	8/22/2012	20.91	--	--	--	7.55	13.36	--
W-4	5/9/2013	20.91	--	--	--	7.86	13.05	--
W-4	5/5/2014	20.91	--	--	--	4.91	16.00	--
W-4	8/19/2014	20.91	--	--	--	7.85	13.06	--
B-1	1/27/1993	18.62	--	--	--	5.55	13.07	--
B-1	3/12/1993	18.62	--	--	--	6.64	11.98	--
B-1	4/14/1993	18.62	--	--	--	5.65	12.97	--
B-1	6/30/1993	18.62	--	--	--	6.81	11.81	--
B-1	12/15/1993	18.62	--	--	--	7.82	10.80	--
B-1	11/4/1994	18.62	--	--	--	8.80	9.82	--
B-1	2/22/1995	18.62	--	--	--	4.54	14.08	--
B-1	5/15/1995	18.62	--	--	--	6.25	12.37	--
B-1	6/16/1995	18.62	--	--	--	7.00	11.62	--
B-1	10/20/1995	18.62	--	--	--	7.75	10.87	--
B-1	4/4/1996	18.62	--	--	--	5.13	13.49	--
B-1	4/16/1996	18.62	--	--	--	4.93	13.69	--
B-1	5/10/1996	18.62	--	--	--	4.73	13.89	--
B-1	5/15/1996	18.62	--	--	--	4.73	13.89	--
B-1	5/22/1996	18.62	--	--	--	5.03	13.59	--
B-1	6/5/1996	18.62	--	--	--	5.88	12.74	--
B-1	6/24/1996	18.62	--	--	--	6.80	11.82	--
B-1	7/15/1996	18.62	--	--	--	7.48	11.14	--
B-1	1/3/1997	18.62	--	--	--	3.55	15.07	--
B-1	3/12/1997	18.62	--	--	--	4.62	14.00	--
B-1	4/2/1997	18.62	--	--	--	4.93	13.69	--
B-1	5/1/1997	18.62	--	--	--	5.52	13.10	--
B-1	8/19/1997	18.62	--	--	--	7.51	11.11	--
B-1	9/17/1997	18.62	--	--	--	6.80	11.82	--
B-1	5/1/1998	18.62	--	--	--	6.42	12.20	--
B-1	5/23/2000	18.62	--	--	--	6.53	12.09	--
B-1	5/24/2001	18.62	--	--	--	6.65	11.97	--
B-1	6/5/2002	18.62	--	--	--	6.52	12.10	--
B-1	5/29/2003	18.62	--	--	--	6.81	11.81	--
B-1	6/15/2004	18.62	--	--	--	7.43	11.19	--
B-1	6/20/2005	18.62	--	--	--	6.43	12.19	--
B-1	6/5/2006	18.62	--	--	--	6.13	12.49	--
B-1	10/23/2006	18.62	--	--	--	7.86	10.76	--
B-1	3/14/2007	21.61	--	--	--	5.00	16.61	--
B-1	9/10/2007	21.61	--	--	--	8.00	13.61	--
B-1	12/13/2007	21.61	--	--	--	5.97	15.64	15.64
B-1	1/21/2008	21.61	--	--	--	5.09	16.52	16.52
B-1	2/24/2008	21.61	--	--	--	5.63	15.98	15.98
B-1	3/24/2008	21.61	--	--	--	6.20	15.41	15.41
B-1	6/2/2008	21.61	--	--	--	7.17	14.44	--
B-1	8/25/2008	21.61	--	--	--	7.95	13.66	13.66
B-1	2/18/2009	21.61			Not Monitored			NM
B-1	8/25/2009	21.61			Not Monitored			NM
B-1	3/22/2010	21.61	--	--	--	5.09	16.52	16.52
B-1	8/23/2010	21.61	--	--	--	7.50	14.11	14.11
B-1	2/7/2011	21.61	--	--	--	5.00	16.61	--
B-1	5/27/2011	21.61	--	--	--	6.73	14.88	--
B-1	11/14/2011	21.61	--	--	--	7.58	14.03	--
B-1	2/20/2012	21.61	--	--	--	4.82	16.79	--
B-1	8/22/2012	21.61	--	--	--	7.50	14.11	--
B-1	11/5/2012	21.61	--	--	--	7.21	14.40	--
B-1	1/28/2013	21.61	--	--	--	4.93	16.68	--
B-1	5/9/2013	21.61	--	--	--	5.64	15.97	--
B-1	8/19/2013	21.61	--	--	--	7.96	13.65	--
B-1	11/25/2013	21.61	--	--	--	6.03	15.58	--
B-1	2/14/2014	21.61	--	--	--	5.45	16.16	--
B-1	5/5/2014	21.61	--	--	--	4.23	17.38	--
B-1	8/19/2014	21.61	--	--	--	7.75	13.86	--
B-1	11/21/2014	21.61	--	--	--	5.71	15.90	--
B-2	1/27/1993	18.60	--	--	1.08	6.20	13.21	--
B-2	3/12/1993	18.60	--	--	0.24	8.15	10.63	--
B-2	4/14/1993	18.60	--	--	1.25	8.82	10.72	--
B-2	6/30/1993	18.60	--	--	0.75	8.47	10.69	--
B-2	12/15/1993	18.60	--	--	0.21	8.62	10.14	--
B-2	2/8/1994	18.60	--	--	0.50	6.63	12.35	--
B-2	7/8/1994	18.60	--	--	--	8.95	9.65	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

B-2	8/12/1994	18.60	--	--	--	9.34	9.26	--
B-2	9/21/1994	18.60	--	--	0.10	9.70	8.98	--
B-2	11/4/1994	18.60	--	--	0.12	9.68	9.01	--
B-2	12/23/1994	18.60	--	--	--	5.18	13.42	--
B-2	2/3/1995	18.60			Not Monitored			--
B-2	2/22/1995	18.60	--	--	0.03	6.03	12.59	--
B-2	5/15/1995	18.60	--	--	0.04	6.46	12.17	--
B-2	6/16/1995	18.60	--	--	--	6.92	11.68	--
B-2	10/20/1995	18.60	--	--		8.10	10.50	--
B-2	4/4/1996	18.60	--	--	0.83	5.40	13.82	--
B-2	4/16/1996	18.60	--	--	--	4.80	13.80	--
B-2	5/10/1996	18.60	--	--	0.43	4.88	14.04	--
B-2	5/15/1996	18.60	--	--	0.42	4.85	14.07	--
B-2	5/22/1996	18.60	--	--	0.05	7.14	11.50	--
B-2	6/5/1996	18.60	--	--	--	5.62	12.98	--
B-2	6/24/1996	18.60	--	--	--	8.17	10.43	--
B-2	7/15/1996	18.60	--	--	--	8.65	9.95	--
B-2	8/23/1996	18.60	--	--	--	9.08	9.52	--
B-2	9/18/1996	18.60	--	--	--	9.33	9.27	--
B-2	1/3/1997	18.60	--	--	--	3.91	14.69	--
B-2	3/12/1997	18.60	--	--	--	7.05	11.55	--
B-2	4/2/1997	18.60	--	--	--	7.15	11.45	--
B-2	5/1/1997	18.60	--	--	--	7.49	11.11	--
B-2	7/8/1997	18.60	--	--	0.02	6.03	12.59	--
B-2	8/19/1997	18.60	--	--	--	8.43	10.17	--
B-2	8/26/1997	18.60	--	--	--	8.52	10.08	--
B-2	9/18/1997	18.60	--	--	--	7.70	10.90	--
B-2	4/29/1998	18.60	--	--	--	6.47	12.13	--
B-2	7/30/1999	18.60	--	--	--	7.00	11.60	--
B-2	5/23/2000	18.60	--	--	--	6.67	11.93	--
B-2	5/24/2001	18.60	--	--	0.14	8.24	10.47	--
B-2	6/5/2002	18.60	--	--	0.31	6.56	12.27	--
B-2	5/29/2003	18.60	--	--	--	7.75	10.85	--
B-2	6/15/2004	18.60	--	--	--	8.76	9.84	--
B-2	6/20/2005	18.60	--	--	0.29	6.34	12.48	--
B-2	6/5/2006	18.60	--	--	0.02	8.87	9.75	--
B-2	10/23/2006	18.60	--	--	--	8.15	10.45	--
B-2	3/14/2007	21.82	--	--	--	5.23	16.59	--
B-2	9/10/2007	21.82	--	--	--	9.31	12.51	--
B-2	11/28/2007	21.82	3.85	17.97	1.50	5.35	17.60	18.72
B-2	12/13/2007	21.82	4.16	17.66	3.37	7.53	16.82	19.35
B-2	1/21/2008	21.82	--	--	--	7.08	14.74	14.74
B-2	2/24/2008	21.82	--	--	--	6.48	15.34	15.34
B-2	3/24/2008	21.82	--	--	--	7.19	14.63	14.63
B-2	6/2/2008	21.82	--	--	--	8.47	13.35	--
B-2	8/25/2008	21.82	--	--	--	8.85	12.97	12.97
B-2	2/18/2009	21.82			Not Monitored			NM
B-2	8/25/2009	21.82			Not Monitored			NM
B-2	3/22/2010	21.82	--	--	--	5.29	16.53	16.53
B-2	8/23/2010	21.82	--	--	--	7.37	14.45	14.45
B-2	2/7/2011	21.82	--	--	--	6.27	15.55	--
B-2	5/27/2011	21.82	--	--	--	7.26	14.56	--
B-2	11/14/2011	21.82	--	--	--	8.71	13.11	--
B-2	2/20/2012	21.82	--	--	--	7.12	14.70	--
B-2	8/22/2012	21.82	--	--	--	7.68	14.14	--
B-2	11/5/2012	21.82	--	--	--	8.78	13.04	--
B-2	1/28/2013	21.82	--	--	--	5.08	16.74	--
B-2	5/9/2013	21.82	--	--	--	7.00	14.82	--
B-2	8/19/2013	21.82	--	--	--	9.02	12.80	--
B-2	11/25/2013	21.82	--	--	--	7.72	14.10	--
B-2	2/14/2014	21.82	--	--	--	7.12	14.70	--
B-2	5/5/2014	21.82	--	--	--	6.77	15.05	--
B-2	8/19/2014	21.82	--	--	--	9.21	12.61	--
B-2	11/21/2014	21.82	--	--	--	6.64	15.18	--
B-3	1/27/1993	18.73	--	--	4.64	10.18	12.03	--
B-3	3/12/1993	18.73	--	--	3.49	11.64	9.71	--
B-3	4/14/1993	18.73	--	--	2.64	10.75	9.96	--
B-3	6/30/1993	18.73	--	--	2.36	11.21	9.29	--
B-3	12/15/1993	18.73	--	--	0.68	11.05	8.19	--
B-3	2/8/1994	18.73	--	--	4.07	11.48	10.30	--
B-3	7/8/1994	18.73	--	--	2.37	11.58	8.93	--
B-3	8/12/1994	18.73	--	--	1.70	11.55	8.46	--
B-3	9/21/1994	18.73	--	--	0.82	11.60	7.75	--
B-3	11/4/1994	18.73	--	--	1.20	11.60	8.03	--
B-3	12/23/1994	18.73	--	--	6.00	11.95	11.28	--
B-3	2/3/1995	18.73	--	--	0.05	5.00	13.77	--
B-3	2/22/1995	18.73	--	--	8.63	13.68	11.52	--
B-3	3/24/1995	18.73	--	--	6.30	11.60	11.86	--
B-3	4/27/1995	18.73	--	--	3.70	9.90	11.61	--
B-3	5/15/1995	18.73	--	--	5.06	11.46	11.07	--
B-3	6/16/1995	18.73	--	--	4.53	11.48	10.65	--
B-3	8/25/1995	18.73	--	--	3.44	11.47	9.84	--
B-3	10/20/1995	18.73	--	--	0.55	9.91	9.23	--
B-3	4/4/1996	18.73	--	--	6.34	11.12	12.37	--
B-3	4/16/1996	18.73	--	--	5.28	10.04	12.65	--
B-3	5/10/1996	18.73	--	--	3.09	7.49	13.56	--
B-3	5/15/1996	18.73	--	--	2.52	6.93	13.69	--
B-3	5/22/1996	18.73	--	--	0.44	7.69	11.37	--
B-3	6/5/1996	18.73	--	--	1.54	9.31	10.58	--
B-3	6/24/1996	18.73	--	--	3.35	11.78	9.46	--
B-3	7/15/1996	18.73	--	--	2.77	11.59	9.22	--
B-3	8/23/1996	18.73	--	--	2.11	11.66	8.65	--
B-3	9/18/1996	18.73	--	--	1.96	11.63	8.57	--
B-3	1/3/1997	18.73	--	--	0.45	5.00	14.07	--
B-3	3/12/1997	18.73	--	--	0.61	8.15	11.04	--
B-3	4/2/1997	18.73	--	--	--	7.62	11.11	--
B-3	5/1/1997	18.73	--	--	1.20	7.93	11.70	--
B-3	7/8/1997	18.73	--	--	5.02	11.00	11.50	--
B-3	8/19/1997	18.73	--	--	2.52	11.12	9.50	--
B-3	8/26/1997	18.73	--	--	2.77	11.57	9.24	--
B-3	9/18/1997	18.73	--	--	0.37	10.28	8.73	--
B-3	4/30/1998	18.73	--	--	5.56	11.59	11.31	--
B-3	7/28/1999	18.73	--	--	4.77	11.63	10.68	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

B-3	5/23/2000	18.73	--	--	3.73	10.63	10.90	--
B-3	5/24/2001	18.73	--	--	2.00	10.81	9.42	--
B-3	6/5/2002	18.73	--	--	5.48	11.45	11.39	--
B-3	5/27/2003	18.73	--	--	3.55	11.42	9.97	--
B-3	6/15/2004	18.73	--	--	2.35	11.50	8.99	--
B-3	6/20/2005	18.73	--	--	3.52	9.30	12.07	--
B-3	6/5/2006	18.73	--	--	0.02	5.82	12.93	--
B-3	10/23/2006	18.73	--	--	0.91	9.05	10.36	--
B-3	3/14/2007	21.77	--	--	0.08	5.56	16.27	--
B-3	9/10/2007	21.77	--	--	0.08	10.21	11.62	--
B-3A	11/28/2007	21.77	--	--	--	8.60	13.17	13.17
B-3A	12/13/2007	21.77	--	--	--	7.96	13.81	13.81
B-3A	1/21/2008	21.77	--	--	--	7.09	14.68	14.68
B-3A	2/24/2008	21.77	--	--	--	6.69	15.08	15.08
B-3A	3/24/2008	21.77	--	--	--	7.38	14.39	14.39
B-3A	6/2/2008	21.85	--	--	--	8.62	13.23	--
B-3A	8/25/2008	21.85	--	--	--	8.93	12.92	12.92
B-3A	2/18/2009	21.85			Not Monitored			NM
B-3A	8/25/2009	21.85			Not Monitored			NM
B-3A	3/22/2010	21.85	--	--	--	5.31	16.54	16.54
B-3A	8/23/2010	21.85	7.31	14.54	0.23	7.54	14.48	14.66
B-3A	2/7/2011	21.85	--	--	--	6.56	15.29	--
B-3A	5/27/2011	21.85	--	--	--	7.75	14.10	--
B-3A	8/8/2011	21.85	--	--	--	8.61	13.24	--
B-3A	11/14/2011	21.85	--	--	--	8.87	12.98	--
B-3A	2/20/2012	21.85	--	--	--	7.69	14.16	--
B-3A	8/22/2012	21.85	--	--	--	7.79	14.06	--
B-3A	11/5/2012	21.85	--	--	--	9.07	12.78	--
B-3A	1/28/2013	21.85	--	--	--	5.31	16.54	--
B-3A	5/9/2013	21.85	--	--	--	7.54	14.31	--
B-3A	8/19/2013	21.85	9.08	12.77	0.03	9.11	12.76	--
B-3A	11/25/2013	21.85	--	--	--	8.04	13.81	--
B-3A	2/14/2014	21.85	--	--	--	7.67	14.18	--
B-3A	5/5/2014	21.85	--	--	--	7.41	14.44	--
B-3A	8/19/2014	21.85	--	--	--	9.51	12.34	--
B-3A	11/21/2014	21.85	--	--	--	6.79	15.06	--
B-3A	11/14/2016	21.85	--	--	--	5.55	16.30	--
B-3A	11/18/2016	--	--	--	--	--	--	--
B-3A	2/16/2017	21.85	--	--	--	4.43	17.42	--
B-3A	5/25/2017	21.85	--	--	--	5.23	16.62	--
B-3A	9/26/2017	21.85	--	--	--	8.69	13.16	--
B-3A	12/14/2017	21.85	--	--	--	4.97	16.88	--
B-3A	2/26/2018	21.85	--	--	--	5.05	16.80	--
B-3A	6/11/2018	21.85	--	--	--	7.05	14.80	--
B-3A	8/29/2018	21.85	--	--	--	8.58	13.27	--
B-3A	12/17/2018	21.85	--	--	--	5.50	16.35	--
B-4	1/27/1993	18.09	--	--	0.59	5.16	13.37	--
B-4	3/12/1993	18.09	--	--	0.03	7.48	10.63	--
B-4	4/14/1993	18.09	--	--	0.07	7.23	10.91	--
B-4	6/30/1993	18.09	--	--	--	7.20	10.89	--
B-4	12/15/1993	18.09	--	--	0.30	8.01	10.31	--
B-4	2/8/1994	18.09	--	--	0.78	6.29	12.39	--
B-4	7/8/1994	18.09	--	--	--	8.42	9.67	--
B-4	8/12/1994	18.09	--	--	--	8.79	9.30	--
B-4	9/21/1994	18.09	--	--	--	9.07	9.02	--
B-4	11/4/1994	18.09	--	--	--	8.94	9.15	--
B-4	12/23/1994	18.09	--	--	0.34	4.69	13.66	--
B-4	2/3/1995	18.09	--	--	0.90	5.00	13.77	--
B-4	2/22/1995	18.09	--	--	0.64	5.77	12.80	--
B-4	3/24/1995	18.09	--	--	0.90	6.09	12.68	--
B-4	4/27/1995	18.09	--	--	0.50	6.00	12.47	--
B-4	5/15/1995	18.09	--	--	0.44	6.24	12.18	--
B-4	6/16/1995	18.09	--	--	0.03	6.42	11.69	--
B-4	8/25/1995	18.09	--	--	--	7.14	10.95	--
B-4	10/20/1995	18.09	--	--	--	7.12	10.97	--
B-4	4/4/1996	18.09	--	--	--	5.03	13.06	--
B-4	4/16/1996	18.09	--	--	0.49	4.75	13.71	--
B-4	5/10/1996	18.09	--	--	0.92	4.71	14.07	--
B-4	5/15/1996	18.09	--	--	0.87	4.61	14.13	--
B-4	5/22/1996	18.09	--	--	0.68	7.10	11.50	--
B-4	6/5/1996	18.09	--	--	0.10	7.17	11.00	--
B-4	6/24/1996	18.09	--	--	--	7.67	10.42	--
B-4	7/15/1996	18.09	--	--	--	8.13	9.96	--
B-4	8/23/1996	18.09	--	--	--	8.59	9.50	--
B-4	9/18/1996	18.09	--	--	--	8.78	9.31	--
B-4	1/3/1997	18.09	--	--	1.61	4.46	14.84	--
B-4	3/12/1997	18.09	--	--	0.10	6.45	11.72	--
B-4	4/2/1997	18.09	--	--	0.01	6.54	11.56	--
B-4	5/1/1997	18.09	--	--	--	6.87	11.22	--
B-4	8/19/1997	18.09	--	--	--	7.87	10.22	--
B-4	8/26/1997	18.09	--	--	--	8.08	10.01	--
B-4	9/18/1997	18.09	--	--	--	7.40	10.69	--
B-4	4/30/1998	18.09	--	--	0.02	5.93	12.18	--
B-4	7/29/1999	18.09	--	--	--	6.42	11.67	--
B-4	5/23/2000	18.09	--	--	--	6.10	11.99	--
B-4	5/23/2001	18.09	--	--	--	7.46	10.63	--
B-4	6/5/2002	18.09	--	--	0.48	6.18	12.27	--
B-4	5/29/2003	18.09	--	--	sheen	7.10	10.99	--
B-4	6/15/2004	18.09	--	--	0.05	8.20	9.93	--
B-4	6/20/2005	18.09	--	--	0.48	5.95	12.50	--
B-4	6/5/2006	18.09	--	--	0.55	5.67	12.83	--
B-4	10/23/2006	18.09	--	--	0.04	7.60	10.52	--
B-4	3/14/2007	21.28	--	--	0.21	4.66	16.78	--
B-4	9/10/2007	21.28	--	--	--	8.78	12.50	--
B-4	11/28/2007	21.28	--	--	--	7.62	13.66	13.66
B-4	12/13/2007	21.28	--	--	--	6.82	14.46	14.46
B-4	1/21/2008	21.28			Not Monitored			--
B-4	2/24/2008	21.28	--	--	--	5.88	15.40	15.40
B-4	3/24/2008	21.28	--	--	--	6.52	14.76	14.76
B-4	6/2/2008	21.28	--	--	--	7.96	13.32	--
B-4	8/25/2008	21.28	--	--	--	8.35	12.93	12.93
B-4	2/18/2009	21.28			Not Monitored			NM

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

B-4	8/25/2009	21.28			Not Monitored			NM
B-4	3/22/2010	21.28	4.64	16.64	0.46	5.10	16.53	16.55
B-4	8/23/2010	21.28	6.79	14.49	0.46	7.25	14.38	14.72
B-4	2/7/2011	21.28	5.46	15.82	0.19	5.65	15.77	--
B-4	5/27/2011	21.28	6.72	14.56	0.09	6.81	14.47	--
B-4	2/20/2012	21.28	--	--	--	6.49	14.79	--
B-4	8/22/2012	21.28	--	--	--	7.14	14.14	--
B-4	11/5/2012	21.28	--	--	--	7.91	13.37	--
B-4	1/28/2013	21.28	--	--	--	4.71	16.57	--
B-4	5/9/2013	21.28	6.46	14.82	0.13	6.59	14.79	--
B-4	8/19/2013	21.28	--	--	--	8.51	12.77	--
B-4	11/25/2013	21.28	--	--	--	7.09	14.19	--
B-4	2/14/2014	21.28	--	--	--	6.53	14.75	--
B-4	5/5/2014	21.28	--	--	--	6.78	14.50	--
B-4	8/19/2014	21.28	--	--	--	8.66	12.62	--
B-4	11/21/2014	21.28	--	--	--	6.08	15.20	--
B-4	11/14/2016	21.28	--	--	--	4.52	16.76	--
B-4	11/17/2016	21.28	--	--	--	--	--	--
B-4	2/16/2017	21.28	3.28	18.00	0.80	4.08	17.84	--
B-4	5/24/2017	21.28	4.08	17.20	0.41	4.49	17.12	--
B-4	9/26/2017	21.28	--	--	--	8.22	13.06	--
B-4	12/14/2017	21.28	--	--	--	3.90	17.38	--
B-4	2/26/2018	21.28	--	--	--	4.34	16.94	--
B-4	6/11/2018	21.28	--	--	--	6.70	14.58	--
B-4	8/29/2018	21.28	--	--	--	8.27	13.01	--
B-4	12/17/2018	21.28	--	--	--	4.50	16.78	--
B-4	3/11/2019	21.28	--	--	--	4.59	16.69	--
B-4	6/12/2019	21.28	--	--	--	6.28	15.00	--
B-4	12/4/2019	21.28	--	--	--	5.24	16.04	--
B-4	2/24/2020	21.28	--	--	--	3.71	17.57	--
B-4	6/12/2020	21.28	--	--	--	5.35	15.93	--
B-4	12/2/2020	21.28	--	--	--	4.67	16.61	--
B-4	3/16/2021	21.28	--	--	--	4.30	16.98	
B-4	5/24/2021	21.28	--	--	--	6.09	15.19	
B-4	12/20/2021	21.28	--	--	--	3.18	18.10	
B-4	3/1/2022	21.28	--	--	--	3.27	18.01	
B-4	6/9/2022	21.28	--	--	--	5.13	16.15	
B-4	9/1/2022	21.28	--	--	--	8.43	12.85	
B-5	1/27/1993	17.97	--	--	--	4.48	13.49	--
B-5	3/12/1993	17.97	--	--	--	7.98	9.99	--
B-5	4/14/1993	17.97	--	--	--	7.64	10.33	--
B-5	6/30/1993	17.97	--	--	--	7.03	10.94	--
B-5	12/15/1993	17.97	--	--	--	7.35	10.62	--
B-5	2/8/1994	17.97	--	--	0.03	5.40	12.59	--
B-5	7/8/1994	17.97	--	--	0.05	8.58	9.43	--
B-5	8/12/1994	17.97	--	--	0.01	8.78	9.20	--
B-5	9/21/1994	17.97	--	--	0.06	9.02	9.00	--
B-5	11/4/1994	17.97	--	--	0.07	8.96	9.06	--
B-5	12/23/1994	17.97	--	--	0.01	4.23	13.75	--
B-5	2/3/1995	17.97	--	--	0.04	4.30	13.70	--
B-5	2/22/1995	17.97	--	--	0.34	5.74	12.49	--
B-5	3/24/1995	17.97	--	--	0.78	5.93	12.63	--
B-5	4/27/1995	17.97	--	--	0.90	6.00	12.65	--
B-5	5/15/1995	17.97	--	--	0.90	6.30	12.35	--
B-5	6/16/1995	17.97	--	--	0.84	6.73	11.87	--
B-5	8/25/1995	17.97	--	--	0.07	6.87	11.15	--
B-5	10/20/1995	17.97	--	--	--	7.39	10.58	--
B-5	4/4/1996	17.97	--	--	--	4.24	13.73	--
B-5	4/16/1996	17.97	--	--	--	3.85	14.12	--
B-5	5/10/1996	17.97	--	--	--	3.63	14.34	--
B-5	5/15/1996	17.97	--	--	--	3.60	14.37	--
B-5	5/22/1996	17.97	--	--	--	7.46	10.51	--
B-5	6/5/1996	17.97	--	--	0.01	7.77	10.21	--
B-5	6/24/1996	17.97	--	--	--	7.57	10.40	--
B-5	7/15/1996	17.97	--	--	--	8.35	9.62	--
B-5	8/23/1996	17.97	--	--	--	8.62	9.35	--
B-5	9/18/1996	17.97	--	--	--	8.75	9.22	--
B-5	1/3/1997	17.97	--	--	--	2.95	15.02	--
B-5	3/12/1997	17.97	--	--	--	7.38	10.59	--
B-5	4/2/1997	17.97	--	--	--	7.43	10.54	--
B-5	5/1/1997	17.97	--	--	--	7.68	10.29	--
B-5	8/19/1997	17.97	--	--	--	7.56	10.41	--
B-5	8/26/1997	17.97	--	--	--	7.88	10.09	--
B-5	9/17/1997	17.97	--	--	--	7.53	10.44	--
B-5	4/29/1998	17.97	--	--	--	5.61	12.36	--
B-5	7/29/1999	17.97	--	--	--	6.09	11.88	--
B-5	5/23/2000	17.97	--	--	--	5.95	12.02	--
B-5	5/23/2001	17.97	--	--	--	7.95	10.02	--
B-5	6/5/2002	17.97	--	--	--	5.27	12.70	--
B-5	5/29/2003	17.97	--	--	sheen	6.82	11.15	--
B-5	6/15/2004	17.97	--	--	--	7.37	10.60	--
B-5	6/22/2005	17.97	--	--	--	5.29	12.68	--
B-5	6/5/2006	17.97	--	--	--	4.91	13.06	--
B-5	10/23/2006	17.97	--	--	--	7.24	10.73	--
B-5	3/14/2007	20.95	--	--	--	4.16	16.79	--
B-5	9/10/2007	20.95	--	--	--	8.77	12.18	--
B-5	11/28/2007	20.95	3.45	17.50	0.38	3.83	17.41	17.69
B-5	12/13/2007	20.94	--	--	--	7.56	13.38	13.38
B-5	1/21/2008	20.94	--	--	--	6.77	14.17	14.17
B-5	2/24/2008	20.94	--	--	--	5.56	15.38	15.38
B-5	3/24/2008	20.94	--	--	--	6.24	14.70	14.70
B-5	6/2/2008	20.95	--	--	--	8.21	12.74	--
B-5	8/25/2008	20.95	--	--	--	7.86	13.09	13.09
B-5	2/18/2009	20.95			Not Monitored			NM
B-5	8/25/2009	20.95			Not Monitored			NM
B-5	3/22/2010	20.95	--	--	--	4.25	16.70	16.70
B-5	8/23/2010	20.95	6.38	14.57	0.30	6.68	14.50	14.72
B-5	2/7/2011	20.95	--	--	--	5.41	15.54	--
B-5	5/27/2011	20.95	--	--	--	7.39	13.56	--
B-5	11/14/2011	20.95	--	--	--	8.15	12.80	--
B-5	2/20/2012	20.95	--	--	--	7.13	13.82	--
B-5	8/22/2012	20.95	--	--		6.80	14.15	--
B-5	11/5/2012	20.95	--	--	--	7.71	13.24	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

B-5	1/28/2013	20.95	--	--	--	4.03	16.92	--
B-5	5/9/2013	20.95	--	--	--	6.92	14.03	--
B-5	8/19/2013	20.95	8.57	12.38	0.01	8.58	12.38	--
B-5	11/25/2013	20.95	--	--	--	7.69	13.26	--
B-5	2/14/2014	20.95	--	--	--	6.97	13.98	--
B-5	5/5/2014	20.95	--	--	--	6.65	14.30	--
B-5	8/19/2014	20.95	--	--	--	8.67	12.28	--
B-5	11/21/2014	20.95	--	--	--	5.78	15.17	--
B-5	2/16/2017	20.95	2.93	18.02	0.03	2.96	18.01	--
								--
B-6	1/27/1993	17.94	--	--	--	6.15	11.79	--
B-6	3/12/1993	17.94	--	--	--	7.86	10.08	--
B-6	4/14/1993	17.94	--	--	--	7.89	10.05	--
B-6	6/30/1993	17.94	--	--	--	7.26	10.68	--
B-6	12/15/1993	17.94	--	--	--	7.69	10.25	--
B-6	2/8/1994	17.94	--	--	--	5.61	12.33	--
B-6	7/8/1994	17.94	--	--	--	8.52	9.42	--
B-6	8/12/1994	17.94	--	--	0.76	9.38	9.13	--
B-6	9/21/1994	17.94	--	--	1.37	10.08	8.89	--
B-6	11/4/1994	17.94	--	--	1.76	10.48	8.78	--
B-6	12/23/1994	17.94	--	--	--	4.77	13.17	--
B-6	2/3/1995	17.94	--	--	0.05	4.79	13.19	--
B-6	2/22/1995	17.94	--	--	0.01	5.07	12.88	--
B-6	3/24/1995	17.94	--	--	0.77	6.97	11.55	--
B-6	4/27/1995	17.94	--	--	0.10	3.65	14.37	--
B-6	5/15/1995	17.94	--	--	0.46	6.10	12.19	--
B-6	6/16/1995	17.94	--	--	0.69	6.71	11.75	--
B-6	8/25/1995	17.94	--	--	0.37	7.20	11.02	--
B-6	10/20/1995	17.94	--	--	0.18	7.54	10.54	--
B-6	4/4/1996	17.94	--	--	1.46	5.79	13.25	--
B-6	4/16/1996	17.94	--	--	2.24	5.92	13.70	--
B-6	5/10/1996	17.94	--	--	2.20	5.64	13.95	--
B-6	5/15/1996	17.94	--	--	2.33	5.72	13.97	--
B-6	5/17/1996	17.94			Not Monitored			--
B-6	5/22/1996	17.94	--	--	--	7.34	10.60	--
B-6	6/5/1996	17.94	--	--	0.41	8.00	10.25	--
B-6	6/24/1996	17.94	--	--	0.25	8.20	9.93	--
B-6	7/15/1996	17.94	--	--	0.59	8.77	9.61	--
B-6	8/23/1996	17.94	--	--	0.92	9.34	9.29	--
B-6	9/18/1996	17.94	--	--	0.91	9.51	9.11	--
B-6	1/3/1997	17.94	--	--	--	3.71	14.23	--
B-6	3/12/1997	17.94	--	--	--	7.01	10.93	--
B-6	4/2/1997	17.94	--	--	--	7.56	10.38	--
B-6	5/1/1997	17.94	--	--	--	7.65	10.29	--
B-6	8/19/1997	17.94	--	--	--	7.81	10.13	--
B-6	9/17/1997	17.94	--	--	--	7.00	10.94	--
B-6	4/29/1998	17.94	--	--	--	5.89	12.05	--
B-6	7/29/1999	17.94	--	--	--	6.15	11.79	--
B-6	5/24/2001	17.94	--	--	--	8.05	9.89	--
B-6	6/5/2002	17.94	--	--	0.10	5.65	12.37	--
B-6	5/29/2003	17.94	--	--	--	7.08	10.86	--
B-6	6/15/2004	17.94	--	--	--	8.42	9.52	--
B-6	6/22/2005	17.94	--	--	--	5.44	12.50	--
B-6	6/5/2006	17.94	--	--	--	5.10	12.84	--
B-6	10/23/2006	17.94	--	--	--	7.34	10.60	--
B-6	3/14/2007	21.00	--	--	--	4.46	16.54	--
B-6	9/10/2007	21.00	--	--	--	8.76	12.24	--
B-6	11/28/2007	21.00	--	--	--	9.50	11.50	11.50
B-6	12/13/2007	21.00	--	--	--	1.79	19.21	19.21
B-6	1/21/2008	21.00	--	--	--	11.60	9.40	9.40
B-6	2/24/2008	21.00	--	--	--	5.78	15.22	15.22
B-6	3/24/2008	21.00	--	--	--	6.47	14.53	14.53
B-6	6/2/2008	21.00	--	--	--	7.99	13.01	--
B-6	8/25/2008	21.00	--	--	--	8.11	12.89	12.89
B-6	2/18/2009	21.00			Not Monitored			NM
B-6	8/25/2009	21.00			Not Monitored			NM
B-6	3/22/2010	21.00	--	--	--	4.31	16.69	16.69
B-6	8/23/2010	21.00	--	--	--	6.40	14.60	14.60
B-6	2/7/2011	21.00	--	--	--	5.60	15.40	--
B-6	5/27/2011	21.00				7.01	13.99	--
B-6	8/8/2011	21.00	--	--	--	6.24	14.76	--
B-6	11/14/2011	21.00	--	--	--	8.19	12.81	--
B-6	2/20/2012	21.00	--	--	--	7.34	13.66	--
B-6	8/22/2012	21.00	--	--	--	6.92	14.08	--
B-6	11/5/2012	21.00	--	--	--	7.90	13.10	--
B-6	1/28/2013	21.00	--	--	--	4.42	16.58	--
B-6	5/9/2013	21.00	--	--	--	7.26	13.74	--
B-6	8/19/2013	21.00	--	--	--	8.63	12.37	--
B-6	11/25/2013	21.00	--	--	--	7.69	13.31	--
B-6	2/14/2014	21.00	--	--	--	7.29	13.71	--
B-6	5/5/2014	21.00	--	--	--	7.16	13.84	--
B-6	8/19/2014	21.00	--	--	--	8.69	12.31	--
B-6	11/21/2014	21.00	--	--	--	5.96	15.04	--
B-6	11/14/2016	21.00	--	--	--	4.11	16.89	--
B-6	11/17/2016	21.00	--	--	--	--	--	--
B-6	2/16/2017	21.00	--	--	--	3.37	17.63	--
B-6	5/25/2017	21.00	--	--	--	4.38	16.62	--
B-6	9/26/2017	21.00	7.8	13.20	0.05	7.85	13.19	--
B-6	12/14/2017	21.00	--	--	--	4.26	16.74	--
B-6	2/26/2018	21.00	--	--	--	4.30	16.70	--
B-6	6/11/2018	21.00	--	--	--	--	--	--
B-6	8/29/2018	21.00	--	--	--	7.99	13.01	--
B-6	12/17/2018	21.00	--	--	--	4.59	16.41	--
B-6	3/11/2019	21.00	--	--	--	4.59	16.41	--
B-6	6/12/2019	21.00	--	--	--	6.13	14.87	--
B-6	12/4/2019	21.00	--	--	--	5.15	15.85	--
B-6	2/24/2020	21.00	--	--	--	3.96	17.04	--
B-6	6/12/2020	21.00	--	--	--	5.29	15.71	--
B-6	12/2/2020	21.00	--	--	--	4.77	16.23	--
B-6	3/16/2021	21.00	--	--	--	4.42	16.58	
B-6	5/24/2021	21.00	--	--	--	6.01	14.99	
B-6	12/20/2021	21.00	--	--	--	2.82	18.18	
B-6	3/1/2022	21.00	--	--	--	2.36	18.64	

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

B-6	6/9/2022	21.00	--	--	--	5.25	15.75	
B-6	9/1/2022	21.00	--	--	--	8.24	12.76	
D-1	1/27/1993	18.03	--	--	--	5.53	12.50	--
D-1	3/12/1993	18.03	--	--	--	6.65	11.38	--
D-1	4/14/1993	18.03	--	--	--	5.84	12.19	--
D-1	12/15/1993	18.03	--	--	--	6.59	11.44	--
D-1	11/4/1994	18.03	--	--	--	7.55	10.48	--
D-1	2/22/1995	18.03	--	--	--	5.90	12.13	--
D-1	6/16/1995	18.03	--	--	--	6.86	11.17	--
D-1	10/20/1995	18.03	--	--	--	6.60	11.43	--
D-1	4/4/1996	18.03	--	--	--	6.44	11.59	--
D-1	4/16/1996	18.03	--	--	--	6.36	11.67	--
D-1	5/1/1997	18.03	--	--	--	6.06	11.97	--
D-1R	11/14/2011	20.13	--	--	--	8.66	11.47	--
D-1R	2/20/2012	20.13	--	--	--	7.31	12.82	--
D-1R	8/22/2012	20.13	--	--	--	9.49	10.64	--
D-1R	11/5/2012	20.13	--	--	--	7.77	12.36	--
D-1R	1/28/2013	20.13	--	--	--	7.78	12.35	--
D-1R	5/9/2013	20.13	--	--	--	8.33	11.80	--
D-1R	8/19/2013	20.13	--	--	--	10.28	9.85	--
D-1R	11/25/2013	20.13	--	--	--	7.91	12.22	--
D-1R	2/14/2014	20.13	--	--	--	7.25	12.88	--
D-1R	5/5/2014	20.13	--	--	--	6.46	13.67	--
D-1R	8/19/2014	20.13	--	--	--	8.99	11.14	--
D-1R	11/21/2014	20.13	--	--	--	7.61	12.52	--
D-1R	11/14/2016	20.13	--	--	--	7.22	12.91	--
D-1R	11/16/2016	--	--	--	--	--	--	--
D-1R	2/16/2017	20.13	--	--	--	6.68	13.45	--
D-1R	5/24/2017	20.13	--	--	--	7.61	12.52	--
D-1R	9/26/2017	20.13	--	--	--	9.56	10.57	--
D-1R	9/28/2017	--	--	--	--	--	--	--
D-1R	12/14/2017	20.13	--	--	--	7.31	12.82	--
D-1R	2/26/2018	20.13	--	--	--	7.45	12.68	--
D-1R	6/11/2018	20.13	--	--	--	8.86	11.27	--
D-1R	6/27/2018	20.13	--	--	--	9.21	10.92	--
D-1R	8/28/2018	20.13	--	--	--	10.02	10.11	--
D-1R	12/17/2018	20.13	--	--	--	7.24	12.89	--
D-1R	3/14/2019	20.13	--	--	--	7.70	12.43	--
D-1R	6/12/2019	20.13	--	--	--	8.92	11.21	--
D-1R	9/23/2019	20.13	--	--	--	8.01	12.12	--
D-1R	12/4/2019	20.13	--	--	--	7.93	12.20	--
D-1R	2/26/2020	20.13	--	--	--	7.32	12.81	--
D-1R	6/12/2020	20.13	--	--	--	7.93	12.20	--
D-1R	9/17/2020	20.13	--	--	--	9.68	10.45	--
D-1R	12/2/2020	20.13	--	--	--	7.51	12.62	--
D-1R	3/16/2021	20.13	--	--	--	7.68	12.45	
D-1R	5/24/2021	20.13	--	--	--	8.68	11.45	
D-1R	9/16/2021	20.13	--	--	--	10.20	9.93	
D-1R	12/20/2021	20.13	--	--	--	6.96	13.17	
D-1R	3/1/2022	20.13	--	--	--	3.79	16.34	
D-1R	6/9/2022	20.13	--	--	--	7.67	12.46	
D-1R	9/1/2022	20.13	--	--	--	9.54	10.59	
D-4	11/4/1994	17.82	--	--	--	6.44	11.38	--
D-4	2/22/1995	17.82	--	--	--	3.95	13.87	--
D-4	6/16/1995	17.82	--	--	--	6.37	11.45	--
D-4	10/20/1995	17.82	--	--	--	6.10	11.72	--
D-4	4/4/1996	17.82	--	--	--	5.17	12.65	--
D-4	4/16/1996	17.82	--	--	--	5.40	12.42	--
D-4	4/30/1998	17.82	--	--	--	5.68	12.14	--
D-4	6/5/2002	17.82			Dry			--
D-4	5/27/2003	17.82			Dry			--
D-4	6/15/2004	17.82			Dry			--
D-4	6/21/2005	17.82	--	--	--	5.90	11.92	--
D-4	6/5/2006	17.82	--	--	--	4.77	13.05	--
D-4	10/23/2006	17.82	--	--	--	5.82	DRY	--
D-4	3/14/2007	21.09	--	--	--	5.30	15.79	--
D-4	9/10/2007	21.09	--	--	--	5.57	15.52	--
D-4	11/28/2007	21.09	--	--	--	4.10	16.99	16.99
D-4	12/13/2007	21.09	--	--	--	5.00	16.09	16.09
D-4	1/21/2008	21.09	--	--	--	6.00	15.09	15.09
D-4	2/24/2008	21.09	--	--	--	4.15	16.94	16.94
D-4	3/24/2008	21.09	--	--	--	3.47	17.62	17.62
D-4	6/2/2008	21.09			Dry			--
D-4	8/25/2008	21.09	--	--	--	2.89	18.20	18.20
D-4	2/18/2009	21.09			Not Monitored			NM
D-4	8/25/2009	21.09			Not Monitored			NM
D-4	3/22/2010	21.09	--	--	--	5.41	15.68	15.68
D-4	8/23/2010	21.09	--	--	--	5.75	15.34	15.34
D-4	2/7/2011	21.09	--	--	--	2.93	18.16	--
D-4	5/27/2011	21.09	--	--	--	4.87	16.22	--
D-4	8/8/2011	21.09			Dry			
D-4	10/13/2011				Decomissioned Well and Replaced With D-4R			
D-4R	11/14/2011	21.27	--	--	--	9.06	12.21	--
D-4R	2/20/2012	21.27	--	--	--	7.85	13.42	--
D-4R	8/22/2012	21.27	--	--	--	10.22	11.05	--
D-4R	11/5/2012	21.27	--	--	--	8.37	12.90	--
D-4R	1/28/2013	21.27	--	--	--	8.11	13.16	--
D-4R	5/9/2013	21.27	--	--	--	8.71	12.56	--
D-4R	8/19/2013	21.27	--	--	--	10.97	10.30	--
D-4R	11/25/2013	21.27	--	--	--	8.38	12.89	--
D-4R	2/14/2014	21.27	--	--	--	7.71	13.56	--
D-4R	5/5/2014	21.27	--	--	--	7.11	14.16	--
D-4R	8/19/2014	21.27	--	--	--	9.56	11.71	--
D-4R	11/21/2014	21.27	--	--	--	7.90	13.37	--
D-4R	11/14/2016	21.27	--	--	--	6.69	14.58	--
D-4R	11/16/2016	--	--	--	--	--	--	--
D-4R	2/16/2017	21.27	--	--	--	5.23	16.04	--
D-4R	5/24/2017	21.27	--	--	--	7.10	14.17	--
D-4R	9/26/2017	21.27	--	--	--	10.23	11.04	--
D-4R	9/27/2017	--	--	--	--	--	--	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

D-4R	12/13/2017	21.27	--	--	--	6.36	14.91	--
D-4R	2/26/2018	21.27	--	--	--	6.99	14.28	--
D-4R	6/11/2018	21.27	--	--	--	8.73	12.54	--
D-4R	6/27/2018	21.27	--	--	--	9.78	11.49	--
D-4R	8/29/2018	21.27	--	--	--	10.84	10.43	--
D-4R	12/17/2018	21.27	--	--	--	6.90	14.37	--
D-5	1/27/1993	18.12	--	--	--	5.51	12.61	--
D-5	4/14/1993	18.12	--	--	--	5.58	12.54	--
D-5	12/15/1993	18.12	--	--	--	6.55	11.57	--
D-5	11/4/1994	18.12	--	--	--	6.56	11.56	--
D-5	2/22/1995	18.12	--	--	--	4.10	14.02	--
D-5	6/16/1995	18.12	--	--	--	6.77	11.35	--
D-5	10/20/1995	18.12	--	--	--	6.55	11.57	--
D-5	4/4/1996	18.12	--	--	--	4.51	13.61	--
D-5	4/16/1996	18.12	--	--	--	4.94	13.18	--
D-5	5/1/1997	18.12	--	--	--	6.50	11.62	--
D-5	4/30/1998	18.12	--	--	--	6.61	11.51	--
D-5	5/27/2003	18.12			Dry			--
D-5	6/15/2004	18.12			Dry			--
D-5	6/21/2005	18.12			Dry			--
D-5	6/5/2006	18.12	--	--	--	6.51	11.61	--
D-5	10/23/2006	18.12			Dry			--
D-5	3/14/2007	21.33			Dry			--
D-5	9/10/2007	21.33			Dry			--
D-5	11/28/2007	21.33	--	--	--	6.74	14.59	14.59
D-5	12/13/2007	21.33	--	--	--	2.30	19.03	19.03
D-5	1/21/2008	21.33			Not Monitored			--
D-5	2/24/2008	21.33	--	--	--	6.23	15.10	15.10
D-5	3/24/2008	21.33			Dry			--
D-5	6/2/2008	21.33			Dry			--
D-5	8/25/2008	21.33	--	--	--	6.91	14.42	14.42
D-5	2/18/2009	21.33			Not Monitored			NM
D-5	8/25/2009	21.33			Not Monitored			NM
D-5	3/22/2010	21.33			Dry			--
D-5	8/23/2010	21.33	--	--	--	6.82	14.51	14.51
D-5	2/7/2011	21.33	--	--	--	6.90	14.43	--
D-5	5/27/2011	21.33			Not Monitored			
D-5	8/8/2011	21.33			Dry			
D-5	10/6/2011				Decomissioned Well and Replaced With D-5R			
D-5R	11/14/2011	21.45	--	--	--	9.39	12.06	--
D-5R	2/20/2012	21.45	--	--	--	8.33	13.12	--
D-5R	8/22/2012	21.45	--	--	--	10.44	11.01	--
D-5R	11/5/2012	21.45	--	--	--	8.79	12.66	--
D-5R	1/28/2013	21.45	--	--	--	8.83	12.62	--
D-5R	5/9/2013	21.45	--	--	--	9.16	12.29	--
D-5R	8/19/2013	21.45	--	--	--	11.11	10.34	--
D-5R	11/25/2013	21.45	--	--	--	8.80	12.65	--
D-5R	2/14/2014	21.45	--	--	--	8.21	13.24	--
D-5R	5/5/2014	21.45	--	--	--	7.65	13.80	--
D-5R	8/19/2014	21.45	--	--	--	9.72	11.73	--
D-5R	11/21/2014	21.45	--	--	--	8.32	13.13	--
D-5R	11/14/2016	21.45	--	--	--	8.15	13.30	--
D-5R	11/17/2016	21.45	--	--	--	--	--	--
D-5R	11/17/2016	21.45	--	--	--	--	--	--
D-5R	2/16/2017	21.45	--	--	--	7.30	14.15	--
D-5R	5/24/2017	21.45	--	--	--	8.34	13.11	--
D-5R	9/26/2017	21.45	--	--	--	10.24	11.21	--
D-5R	9/27/2017	21.45	--	--	--	--	--	--
D-5R	12/13/2017	21.45	--	--	--	8.10	13.35	--
D-5R	2/26/2018	21.45	--	--	--	8.21	13.24	--
D-5R	6/11/2018	21.45	--	--	--	9.32	12.13	--
D-5R	6/27/2018	21.45	--	--	--	9.91	11.54	--
D-5R	8/29/2018	21.45	--	--	--	10.98	10.47	--
D-5R	12/17/2018	21.45	--	--	--	8.12	13.33	--
D-6	1/27/1993	17.74	--	--	1.00	5.54	12.95	--
D-6	3/12/1993	17.74	--	--	--	6.79	10.95	--
D-6	4/14/1993	17.74	--	--	--	5.68	12.06	--
D-6	6/30/1993	17.74	--	--	--	6.58	11.16	--
D-6	12/15/1993	17.74	--	--	--	7.14	10.60	--
D-6	2/8/1994	17.74	--	--	--	5.27	12.47	--
D-6	7/8/1994	17.74	--	--	--	7.43	10.31	--
D-6	12/23/1994	17.74	--	--	--	5.14	12.60	--
D-6	2/3/1995	17.74	--	--	--	4.34	13.40	--
D-6	2/22/1995	17.74	--	--	--	4.79	12.95	--
D-6	3/24/1995	17.74	--	--	--	4.55	13.19	--
D-6	4/27/1995	17.74	--	--	--	6.64	11.10	--
D-6	5/15/1995	17.74	--	--	--	5.19	12.55	--
D-6	6/16/1995	17.74	--	--	--	5.67	12.07	--
D-6	8/25/1995	17.74	--	--	--	6.42	11.32	--
D-6	10/20/1995	17.74	--	--	--	4.81	12.93	--
D-6	4/4/1996	17.74	--	--	--	1.58	16.16	--
D-6	4/16/1996	17.74	--	--	--	1.21	16.53	--
D-6	5/10/1996	17.74	--	--	--	3.50	14.24	--
D-6	5/15/1996	17.74	--	--	--	3.28	14.46	--
D-6	5/22/1996	17.74	--	--	--	5.59	12.15	--
D-6	6/5/1996	17.74	--	--	--	6.09	11.65	--
D-6	6/24/1996	17.74	--	--	--	6.55	11.19	--
D-6	7/15/1996	17.74	--	--	--	7.10	10.64	--
D-6	8/23/1996	17.74	--	--	--	7.73	10.01	--
D-6	9/18/1996	17.74	--	--	--	7.09	10.65	--
D-6	1/3/1997	17.74	--	--	--	2.77	14.97	--
D-6	3/12/1997	17.74	--	--	--	1.61	16.13	--
D-6	4/2/1997	17.74	--	--	--	5.97	11.77	--
D-6	5/1/1997	17.74	--	--	--	5.89	11.85	--
D-6	8/19/1997	17.74	--	--	--	7.28	10.46	--
D-6	9/17/1997	17.74	--	--	--	7.38	10.36	--
D-6	4/30/1998	17.74	--	--	--	5.49	12.25	--
D-6	5/23/2000	17.74	--	--	--	5.82	11.92	--
D-6	5/23/2001	17.74	--	--	--	6.92	10.82	--
D-6	6/5/2002	17.74	--	--	--	4.67	13.07	--
D-6	5/27/2003	17.74	--	--	--	6.72	11.02	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

D-6	6/15/2004	17.74	--	--	--	8.52	9.22	--
D-6	6/22/2005	17.74	--	--	--	4.67	13.07	--
D-6	6/5/2006	17.74	--	--	--	2.62	15.12	--
D-6	10/23/2006	17.74	--	--	--	6.95	10.79	--
D-6	3/14/2007	20.61	--	--	--	4.62	15.99	--
D-6	9/10/2007	20.61	--	--	--	7.92	12.69	--
D-6	11/28/2007	20.61	--	--	--	7.80	12.81	12.81
D-6	12/13/2007	20.61	--	--	--	6.26	14.35	14.35
D-6	1/21/2008	20.61	--	--	--	6.03	14.58	14.58
D-6	2/24/2008	20.61	--	--	--	5.93	14.68	14.68
D-6	3/24/2008	20.61	--	--	--	5.76	14.85	14.85
D-6	6/2/2008	20.61	--	--	--	6.75	13.86	--
D-6	8/25/2008	20.61	--	--	--	7.51	13.10	13.10
D-6	2/18/2009	20.61			Not Monitored			NM
D-6	8/25/2009	20.61			Not Monitored			NM
D-6	3/22/2010	20.61	--	--	--	3.85	16.76	16.76
D-6	8/23/2010	20.61	--	--	--	5.99	14.62	14.62
D-6	2/7/2011	20.61	--	--	--	3.50	17.11	--
D-6	5/27/2011	20.61	--	--	--	5.40	15.21	--
D-6	8/8/2011	20.61	--	--	--	7.05	13.56	--
D-6	11/14/2011	20.61	--	--	--	5.95	14.66	--
D-6	2/20/2012	20.61	--	--	--	5.60	15.01	--
D-6	8/22/2012	20.61	--	--	--	6.52	14.09	--
D-6	11/5/2012	20.61	--	--	--	7.26	13.35	--
D-6	5/9/2013	20.61	--	--	--	5.48	15.13	--
D-6	8/19/2013	20.61	--	--	--	7.64	12.97	--
D-6	11/25/2013	20.61	--	--	--	6.26	14.35	--
D-6	2/14/2014	20.61	--	--	--	6.22	14.39	--
D-6	5/5/2014	20.61	--	--	--	4.36	16.25	--
D-6	8/19/2014	20.61	--	--	--	7.69	12.92	--
D-6	11/21/2014	20.61	--	--	--	6.79	13.82	--
D-7	1/27/1993	17.69	--	--	--	5.07	12.62	--
D-7	3/12/1993	17.69	--	--	--	6.38	11.31	--
D-7	4/14/1993	17.69	--	--	--	6.38	11.31	--
D-7	12/15/1993	17.69	--	--	--	7.37	10.32	--
D-7	7/8/1994	17.69	--	--	--	7.14	10.55	--
D-7	8/12/1994	17.69	--	--	--	7.14	10.55	--
D-7	11/4/1994	17.69	--	--	--	7.94	9.75	--
D-7	12/23/1994	17.69	--	--	--	7.14	10.55	--
D-7	2/3/1995	17.69	--	--	--	4.59	13.10	--
D-7	2/22/1995	17.69	--	--	--	5.31	12.38	--
D-7	3/24/1995	17.69	--	--	--	5.35	12.34	--
D-7	4/27/1995	17.69	--	--	--	5.18	12.51	--
D-7	5/15/1995	17.69	--	--	--	5.50	12.19	--
D-7	6/16/1995	17.69	--	--	--	5.95	11.74	--
D-7	8/25/1995	17.69	--	--	--	6.59	11.10	--
D-7	10/20/1995	17.69	--	--	--	6.00	11.69	--
D-7	3/24/1996	17.69	--	--	--	5.35	12.34	--
D-7	4/4/1996	17.69	--	--	--	4.30	13.39	--
D-7	4/16/1996	17.69	--	--	--	4.01	13.68	--
D-7	4/2/1997	17.69	--	--	--	6.04	11.65	--
D-7	5/1/1997	17.69	--	--	--	6.30	11.39	--
D-7	4/30/1998	17.69	--	--	--	5.85	11.84	--
D-7	5/23/2000	17.69	--	--	--	6.11	11.58	--
D-7	5/23/2001	17.69	--	--	--	6.85	10.84	--
D-7	6/4/2002	17.69	--	--	--	5.51	12.18	--
D-7	5/27/2003	17.69	--	--	--	6.36	11.33	--
D-7	6/15/2004	17.69	--	--	--	7.24	10.45	--
D-7	6/22/2005	17.69	--	--	--	5.11	12.58	--
D-7	6/5/2006	17.69	--	--	--	4.74	12.95	--
D-7	10/23/2006	17.69	--	--	--	7.04	10.65	--
D-7	3/14/2007	20.49	--	--	--	3.83	16.66	--
D-7	9/10/2007	20.49	--	--	--	7.67	12.82	--
D-7	11/28/2007	20.49	--	--	--	6.92	13.57	13.57
D-7	12/13/2007	20.49	--	--	--	2.36	18.13	18.13
D-7	1/21/2008	20.49	--	--	--	9.97	10.52	10.52
D-7	2/24/2008	20.49	--	--	--	6.03	14.46	14.46
D-7	3/24/2008	20.49			Not Monitored			--
D-7	6/2/2008	20.49	--	--	--	6.25	14.24	--
D-7	8/25/2008	20.49	--	--	--	7.42	13.07	13.07
D-7	2/18/2009	20.49			Not Monitored			NM
D-7	8/25/2009	20.49			Not Monitored			NM
D-7	3/22/2010	20.49	--	--	--	4.41	16.08	16.08
D-7	8/23/2010	20.49	--	--	--	5.96	14.53	14.53
D-7	2/7/2011	20.49	--	--	--	5.36	15.13	--
D-7	5/27/2011	20.49	--	--	--	5.92	14.57	--
D-7	8/8/2011	20.49	--	--	--	6.85	13.64	--
D-7	11/14/2011	20.49	--	--	--	4.81	15.68	--
D-7	2/20/2012	20.49	--	--	--	5.04	15.45	--
D-7	8/22/2012	20.49	--	--	--	6.73	13.76	--
D-7	11/5/2012	20.49	--	--	--	7.06	13.43	--
D-7	1/28/2013	20.49	--	--	--	3.53	16.96	--
D-7	5/9/2013	20.49	--	--	--	5.85	14.64	--
D-7	8/19/2013	20.49	--	--	--	7.41	13.08	--
D-7	11/25/2013	20.49	--	--	--	6.18	14.31	--
D-7	2/14/2014	20.49	--	--	--	5.29	15.20	--
D-7	5/5/2014	20.49	--	--	--	4.56	15.93	--
D-7	8/19/2014	20.49	--	--	--	7.42	13.07	--
D-7	11/21/2014	20.49	--	--	--	5.30	15.19	--
DPE-1	11/15/2016	--	--	--	--	8.90	--	--
DPE-1	2/16/2017	--	--	--	--	7.73	--	--
DPE-1	5/24/2017	15.46	--	--	--	8.97	6.49	--
DPE-1	7/11/2017	--	--	--	--	11.01	--	--
DPE-1	9/26/2017	25.66	12.4	13.26	0.02	12.42	13.26	--
DPE-1	12/11/2017	25.66	--	--	--	6.88	18.78	--
DPE-1	2/26/2018	25.66	--	--	--	8.86	16.80	--
DPE-1	6/11/2018	25.66	--	--	--	10.67	14.99	--
DPE-1	12/17/2018	25.66	--	--	--	8.73	16.93	--
DPE-1	9/23/2019	25.66	--	--	--	10.96	14.70	--
DPE-1	9/16/2020	25.66	--	--	--	12.10	13.56	--
DPE-2	11/15/2016	--	--	--	--	8.81	--	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

DPE-2	2/16/2017	--	--	--	--	8.14	--	--
DPE-2	5/24/2017	16.28	--	--	--	9.38	6.90	--
DPE-2	7/11/2017	--	--	--	--	11.39	--	--
DPE-2	9/26/2017	25.15	--	--	--	12.37	12.78	--
DPE-2	12/11/2017	25.15	--	--	--	6.21	18.94	--
DPE-2	2/26/2018	25.15	--	--	--	8.79	16.36	--
DPE-2	6/11/2018	25.15	--	--	--	10.77	14.38	--
DPE-2	12/17/2018	25.15	--	--	--	8.98	16.17	--
DPE-2	9/23/2019	25.15	--	--	--	10.73	14.42	--
DPE-3	11/15/2016	--	--	--	--	8.44	--	--
DPE-3	2/16/2017	--	7.95	--	6.26	14.21	--	--
DPE-3	5/15/2017	--	9.24	--	6.09	15.33	--	--
DPE-3	5/24/2017	28.42	8.84	19.58	0.34	9.18	19.51	--
DPE-3	7/11/2017	--	11.42	--	0.01	11.43	--	--
DPE-3	9/26/2017	25.16	13.25	11.91	0.22	13.47	11.87	--
DPE-3	12/11/2017	25.16	--	--	--	9.28	15.88	--
DPE-3	2/26/2018	25.16	11.29	13.87	0.05	11.34	13.86	--
DPE-3	6/11/2018	25.16	14.25	10.91	0.02	14.27	10.91	--
DPE-3	12/17/2018	25.16	--	--	--	9.66	15.50	--
DPE-3	9/23/2019	25.16	--	--	--	10.63	14.53	--
DPE-3	2/24/2020	25.16	--	--	--	8.89	16.27	--
DPE-4	11/15/2016	--	--	--	--	9.94	--	--
DPE-4	2/16/2017	--	--	--	--	8.91	--	--
DPE-4	5/24/2017	17.82	--	--	--	9.48	8.34	--
DPE-4	7/11/2017	--	--	--	--	11.22	--	--
DPE-4	9/26/2017	25.25	--	--	--	12.19	13.06	--
DPE-4	12/11/2017	25.25	--	--	--	7.57	17.68	--
DPE-4	2/26/2018	25.25	--	--	--	9.67	15.58	--
DPE-4	6/11/2018	25.25	--	--	--	10.96	14.29	--
DPE-4	12/17/2018	25.25	--	--	--	9.35	15.90	--
DPE-4	9/23/2019	25.25	--	--	--	10.53	14.72	--
DPE-5	11/15/2016	--	--	--	--	7.01	--	--
DPE-5	2/16/2017	--	--	--	--	8.64	--	--
DPE-5	5/24/2017	17.28	--	--	--	9.83	7.45	--
DPE-5	7/11/2017	--	--	--	--	12.66	--	--
DPE-5	9/26/2017	25.91	--	--	--	13.77	12.14	--
DPE-5	12/11/2017	25.91	--	--	--	7.90	18.01	--
DPE-5	2/26/2018	25.91	--	--	--	10.04	15.87	--
DPE-5	6/11/2018	25.91	--	--	--	12.40	13.51	--
DPE-5	12/17/2018	25.91	--	--	--	9.76	16.15	--
DPE-5	9/23/2019	25.91	--	--	--	12.03	13.88	--
DPE-6	7/11/2017	--	--	--	--	13.98	--	--
DPE-6	6/11/2018	--	--	--	--	13.12	--	--
DPE-6	9/23/2019	--	12.10	--	0.01	12.11	--	--
DPE-6	9/16/2020	--	--	--	--	13.63	--	--
DPE-7	7/11/2017	--	13.97	--	0.39	14.36	--	--
DPE-7	6/11/2018	--	--	--	--	13.58	--	--
DPE-7	9/23/2019	--	--	--	--	13.01	--	--
DPE-7	9/16/2020	--	--	--	--	14.72	--	--
DPE-8	7/11/2017	--	--	--	--	18.96	--	--
DPE-8	6/11/2018	--	15.72	--	0.04	15.76	--	--
DPE-8	9/23/2019	--	--	--	--	11.51	--	--
DPE-8	9/16/2020	--	--	--	--	12.64	--	--
DPE-9	7/11/2017	--	--	--	--	18.39	--	--
DPE-9	6/11/2018	--	--	--	--	16.02	--	--
DPE-9	9/23/2019	--	--	--	--	12.91	--	--
DPE-10	7/11/2017	--	--	--	--	19.01	--	--
DPE-10	6/11/2018	--	--	--	--	16.19	--	--
DPE-10	12/17/2018	--	--	--	--	12.21	--	--
DPE-10	9/23/2019	--	--	--	--	13.00	--	--
DPE-10	9/1/2022	--	--	--	--	13.90	--	
DPE-11	11/15/2016	--	11.25	--	0.06	11.31	--	--
DPE-11	2/16/2017	--	11.21	--	0.35	11.56	--	--
DPE-11	5/24/2017	23.12	--	--	--	13.11	10.01	--
DPE-11	7/11/2017	--	--	--	--	12.84	--	--
DPE-11	9/26/2017	25.08	--	--	--	--	--	--
DPE-11	12/11/2017	25.08	--	--	--	10.27	14.81	--
DPE-11	2/26/2018	25.08	--	--	--	11.91	13.17	--
DPE-11	6/11/2018	25.08	--	--	--	17.97	7.11	--
DPE-11	12/17/2018	25.08	--	--	--	10.36	14.72	--
DPE-11	9/23/2019	25.08	--	--	--	12.46	12.62	--
DPE-11	9/16/2020	25.08	13.90	11.18	0.17	14.07	11.15	--
DPE-11	9/1/2022	25.08	--	--	--	--	--	
DPE-12	11/15/2016	--	--	--	--	8.91	--	--
DPE-12	2/16/2017	--	7.71	--	0.02	7.73	--	--
DPE-12	5/24/2017	15.46	11.38	4.08	0.33	11.71	4.01	--
DPE-12	7/11/2017	--	--	--	--	10.47	--	--
DPE-12	9/26/2017	24.72	--	--	--	12.85	11.87	--
DPE-12	12/11/2017	24.72	--	--	--	6.15	18.57	--
DPE-12	2/26/2018	24.72	--	--	--	8.88	15.84	--
DPE-12	6/11/2018	24.72	--	--	--	11.01	13.71	--
DPE-12	12/17/2018	24.72	--	--	--	7.98	16.74	--
DPE-12	9/23/2019	24.72	--	--	--	10.23	14.49	--
DPE-12	9/16/2020	24.72	--	--	--	11.40	13.32	--
DPE-13	11/15/2016	--	--	--	--	11.24	--	--
DPE-13	2/16/2017	--	--	--	--	11.28	--	--
DPE-13	5/24/2017	22.56	--	--	--	12.07	10.49	--
DPE-13	7/11/2017	--	--	--	--	13.51	--	--
DPE-13	9/26/2017	24.92	--	--	--	14.28	10.64	--
DPE-13	12/11/2017	24.92	--	--	--	9.69	15.23	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

DPE-13	2/26/2018	24.92	--	--	--	11.65	13.27	--
DPE-13	6/11/2018	24.92	--	--	--	11.40	13.52	--
DPE-13	12/17/2018	24.92	--	--	--	9.07	15.85	--
DPE-13	9/23/2019	24.92	--	--	--	10.68	14.24	--
DPE-13	9/1/2022	24.92	--	--	--	12.30	12.62	
DPE-14	11/15/2016	--	--	--	--	2.50	--	--
DPE-14	2/16/2017	--	--	--	--	2.56	--	--
DPE-14	5/24/2017	5.12	--	--	--	4.97	0.15	--
DPE-14	7/11/2017	--	--	--	--	7.60	--	--
DPE-14	9/26/2017	20.67	9.45	11.22	0.03	9.48	11.21	--
DPE-14	12/11/2017	20.67	--	--	--	4.77	15.90	--
DPE-14	2/26/2018	20.67	--	--	--	4.45	16.22	--
DPE-14	6/11/2018	20.67	--	--	--	7.06	13.61	--
DPE-14	12/17/2018	20.67	--	--	--	2.31	18.36	--
DPE-14	9/23/2019	20.67	--	--	--	8.93	11.74	--
DPE-15	11/15/2016	--	--	--	--	6.81	--	--
DPE-15	2/16/2017	--	7.04	--	0.04	7.08	--	--
DPE-15	5/24/2017	14.16	7.9	6.26	0.21	8.11	6.22	--
DPE-15	9/26/2017	20.62	9.92	10.7	0.24	10.16	10.65	--
DPE-15	12/11/2017	20.62	7.55	13.07	0.02	7.57	13.07	--
DPE-15	2/26/2018	20.62	7.17	13.45	0.07	7.24	13.38	--
DPE-15	6/11/2018	20.62	8.72	11.9	0.08	8.80	11.88	--
DPE-15	12/17/2018	20.62	--	--	--	7.13	13.49	--
DPE-15	9/23/2019	20.62	8.15	12.47	0.06	8.21	12.46	--
DPE-16	11/15/2016	--	--	--	--	6.84	--	--
DPE-16	2/16/2017	--	--	--	--	5.77	--	--
DPE-16	5/24/2017	11.54	--	--	--	6.81	4.73	--
DPE-16	7/11/2017	--	--	--	--	8.26	--	--
DPE-16	9/26/2017	20.44	--	--	--	8.57	11.87	--
DPE-16	12/11/2017	20.44	--	--	--	4.87	15.57	--
DPE-16	2/26/2018	20.44	--	--	--	4.77	15.67	--
DPE-16	6/11/2018	20.44	--	--	--	6.65	13.79	--
DPE-16	12/17/2018	20.44	--	--	--	5.08	15.36	--
DPE-16	9/23/2019	20.44	--	--	--	6.29	14.15	--
DPE-17	11/15/2016	--	--	--	--	6.71	--	--
DPE-17	2/16/2017	--	--	--	--	6.93	--	--
DPE-17	5/24/2017	13.86	--	--	--	7.86	6.00	--
DPE-17	7/11/2017	--	--	--	--	9.26	--	--
DPE-17	9/26/2017	20.43	--	--	--	9.79	10.64	--
DPE-17	12/11/2017	20.43	--	--	--	7.62	12.81	--
DPE-17	2/26/2018	20.43	--	--	--	7.70	12.73	--
DPE-17	6/11/2018	20.43	--	--	--	8.90	11.53	--
DPE-17	12/17/2018	20.43	--	--	--	7.56	12.87	--
DPE-17	9/23/2019	20.43	--	--	--	8.27	12.16	--
DPE-18	11/15/2016	--	--	--	--	6.30	--	--
DPE-18	2/16/2017	--	6.06	--	0.01	6.07	--	--
DPE-18	5/24/2017	12.14	--	--	--	7.53	4.61	--
DPE-18	9/26/2017	20.18	--	--	--	9.42	10.76	--
DPE-18	12/11/2017	20.18	--	--	--	6.69	13.49	--
DPE-18	2/26/2018	20.18	--	--	--	7.26	12.92	--
DPE-18	6/11/2018	20.18	--	--	--	9.38	10.80	--
DPE-18	12/17/2018	20.18	--	--	--	6.98	13.20	--
DPE-18	9/23/2019	20.18	--	--	--	7.85	12.33	--
DPE-19	11/15/2016	--	--	--	--	7.40	--	--
DPE-19	2/16/2017	--	--	--	--	6.74	--	--
DPE-19	5/24/2017	13.48	--	--	--	8.17	5.31	--
DPE-19	7/11/2017	--	--	--	--	9.62	--	--
DPE-19	9/26/2017	21.98	--	--	--	11.11	10.87	--
DPE-19	12/11/2017	21.98	--	--	--	7.60	14.38	--
DPE-19	2/26/2018	21.98	--	--	--	7.73	14.25	--
DPE-19	6/11/2018	21.98	--	--	--	9.36	12.62	--
DPE-19	12/17/2018	21.98	--	--	--	6.92	15.06	--
DPE-19	9/23/2019	21.98	--	--	--	8.60	13.38	--
DPE-20	11/15/2016	--	--	--	--	7.38	--	--
DPE-20	2/16/2017	--	--	--	--	7.12	--	--
DPE-20	5/24/2017	14.24	--	--	--	8.02	6.22	--
DPE-20	7/11/2017	--	--	--	--	9.40	--	--
DPE-20	9/26/2017	20.49	--	--	--	10.02	10.47	--
DPE-20	12/11/2017	20.49	--	--	--	7.68	12.81	--
DPE-20	2/26/2018	20.49	--	--	--	7.88	12.61	--
DPE-20	6/11/2018	20.49	--	--	--	9.06	11.43	--
DPE-20	12/17/2018	20.49	--	--	--	7.69	12.80	--
DPE-20	9/23/2019	20.49	--	--	--	8.43	12.06	--
DPE-21	7/11/2017	--	--	--	--	8.37	--	--
DPE-21	9/23/2019	--	--	--	--	5.07	--	--
DPE-22	7/11/2017	--	--	--	--	9.39	--	--
DPE-22	6/11/2018	--	--	--	--	9.12	--	--
DPE-22	9/23/2019	--	--	--	--	8.24	--	--
DPE-23	7/11/2017	--	9.93	--	0.01	9.94	--	--
DPE-23	6/11/2018	--	--	--	--	9.52	--	--
DPE-23	9/23/2019	--	--	--	--	8.88	--	--
DPE-24	7/11/2017	--	--	--	--	10.25	--	--
DPE-24	6/11/2018	--	--	--	--	9.80	--	--
DPE-24	9/23/2019	--	--	--	--	8.50	--	--
DPE-25	7/8/2016	--	8.71	--	3.31	12.02	--	--
DPE-25	5/30/2017	--	7.45	--	4.51	11.96	--	--
DPE-25	7/11/2017	--	7.9	--	3.49	11.39	--	--
DPE-25	12/11/2017	--	7.42	--	0.29	7.71	--	--
DPE-25	6/11/2018	--	8.58	--	2.32	10.90	--	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

DPE-25	3/11/2019	--	7.44	--	0.06	7.50	--	--
DPE-25	6/12/2019	--	6.48	--	0.15	6.63	--	--
DPE-25	9/23/2019	--	8.60	--	0.07	8.67	--	--
DPE-25	12/4/2019	--	7.14	--	0.07	7.21	--	--
DPE-25	2/24/2020	--	--	--	--	5.32	--	--
DPE-25	6/12/2020	--	7.12	--	0.39	7.51	--	--
DPE-25	9/16/2020	--	10.46	--	0.5	10.96	--	--
DPE-25	5/24/2021	--	--	--	--	9.50	--	
DPE-25	12/20/2021	--	--	--	--	4.55	--	
DPE-26	7/8/2016	--	8.7	--	2.49	11.19	--	--
DPE-26	5/30/2017	--	7.42	--	4.44	11.86	--	--
DPE-26	7/11/2017	--	8.1	--	4.66	12.76	--	--
DPE-26	12/11/2017	--	5.08	--	8.03	13.11	--	--
DPE-26	6/11/2018	--	8.35	--	3.44	11.79	--	--
DPE-26	3/11/2019	--	7.46	--	1.2	8.66	--	--
DPE-26	6/12/2019	--	7.88	--	2.62	10.50	--	--
DPE-26	9/23/2019	--	8.07	--	1.85	9.92	--	--
DPE-26	12/4/2019	--	7.75	--	1.11	8.86	--	--
DPE-26	2/24/2020	--	6.27	--	1.45	7.72	--	--
DPE-26	6/12/2020	--	7.66	--	0.54	8.20	--	--
DPE-26	9/16/2020	--	10.32	--	0.23	10.55	--	--
DPE-26	12/2/2020	--	--	--	--	7.53	--	--
DPE-26	3/16/2021	--	9.17	--	0.04	9.21	--	
DPE-26	5/24/2021	--	--	--	--	10.03	--	
DPE-26	9/14/2021	--	--	--	--	11.38	--	
DPE-26	12/20/2021	--	7.42	--	0.06	7.48	--	
DPE-26	3/1/2022	--	--	--	--	5.24	--	
DPE-26	9/1/2022	--	9.30	--	0.1	9.40	--	
DPE-27	7/8/2016	--	8.89	--	1.72	10.61	--	--
DPE-27	7/11/2017	--	8.14	--	2.68	10.82	--	--
DPE-27	12/11/2017	--	5.28	--	5.02	10.30	--	--
DPE-27	6/11/2018	--	8.63	--	1.62	10.25	--	--
DPE-27	3/11/2019	--	7.30	--	2.04	9.34	--	--
DPE-27	6/12/2019	--	10.62	--	0.18	10.80	--	--
DPE-27	9/23/2019	--	--	--	--	8.44	--	--
DPE-27	12/4/2019	--	7.68	--	0.02	7.70	--	--
DPE-27	2/24/2020	--	7.04	--	0.07	7.11	--	--
DPE-27	6/12/2020	--	7.75	--	0.1	7.85	--	--
DPE-27	9/16/2020	--	--	--	--	10.13	--	--
DPE-27	12/2/2020	--	--	--	--	7.17	--	--
DPE-27	3/16/2021	--	9.08	--	0.01	9.09	--	
DPE-27	5/24/2021	--	--	--	--	9.97	--	
DPE-27	9/14/2021	--	--	--	--	11.18	--	
DPE-27	12/20/2021	--	--	--	--	7.13	--	
DPE-27	3/1/2022	--	--	--	--	5.18	--	
DPE-27	9/1/2022	--	--	--	--	9.39	--	
DPE-28	7/8/2016	--	8.79	--	1.41	10.20	--	--
DPE-28	7/11/2017	--	7.5	--	2.25	9.75	--	--
DPE-28	12/11/2017	--	4.94	--	0.31	5.25	--	--
DPE-28	6/11/2018	--	8.57	--	0.03	8.60	--	--
DPE-28	9/23/2019	--	--	--	--	8.04	--	--
DPE-28	12/4/2019	--	--	--	--	7.31	--	--
DPE-28	2/24/2020	--	--	--	--	6.36	--	--
DPE-28	6/12/2020	--	--	--	--	7.51	--	--
DPE-28	9/16/2020	--	--	--	--	9.61	--	--
DPE-28	12/2/2020	--	--	--	--	6.58	--	--
DPE-28	3/16/2021	--	--	--	--	8.50	--	
DPE-28	5/24/2021	--	--	--	--	9.40	--	
DPE-28	12/20/2021	--	--	--	--	6.17	--	
DPE-28	3/1/2022	--	--	--	--	5.30	--	
DPE-28	9/1/2022	--	--	--	--	8.85	--	
DPE-29	11/15/2016	--	--	--	--	6.34	--	--
DPE-29	2/16/2017	--	--	--	--	5.80	--	--
DPE-29	5/24/2017	11.60	--	--	--	7.42	4.18	--
DPE-29	7/11/2017	--	--	--	--	7.73	--	--
DPE-29	9/26/2017	20.93	--	--	--	7.33	13.60	--
DPE-29	12/11/2017	20.93	--	--	--	5.82	15.11	--
DPE-29	2/26/2018	20.93	--	--	--	8.31	12.62	--
DPE-29	6/11/2018	20.93	--	--	--	8.60	12.33	--
DPE-29	12/17/2018	20.93	--	--	--	7.41	13.52	--
DPE-29	9/23/2019	20.93	--	--	--	8.10	12.83	--
DPE-29	3/16/2021	20.93	--	--	--	7.90	13.03	
DPE-29	5/24/2021	20.93	--	--	--	8.88	12.05	
DPE-29	3/1/2022	20.93	--	--	--	3.02	17.91	
DPE-29	9/1/2022	20.93	--	--	--	8.81	12.12	
DPE-30	11/15/2016	--	--	--	--	8.51	--	--
DPE-30	2/16/2017	--	--	--	--	8.14	--	--
DPE-30	5/24/2017	16.28	--	--	--	9.22	7.06	--
DPE-30	7/11/2017	--	--	--	--	10.11	--	--
DPE-30	9/26/2017	22.67	--	--	--	11.53	11.14	--
DPE-30	12/11/2017	22.67	--	--	--	7.32	15.35	--
DPE-30	2/26/2018	22.67	--	--	--	9.34	13.33	--
DPE-30	6/11/2018	22.67	--	--	--	10.44	12.23	--
DPE-30	12/17/2018	22.67	--	--	--	9.40	13.27	--
DPE-30	9/23/2019	22.67	--	--	--	10.20	12.47	--
DPE-30	12/2/2020	22.67	--	--	--	9.22	13.45	--
DPE-30	3/16/2021	22.67	--	--	--	10.86	11.81	
DPE-30	5/24/2021	22.67	--	--	--	11.81	10.86	
DPE-30	3/1/2022	22.67	--	--	--	7.32	15.35	
DPE-30	9/1/2022	22.67	--	--	--	11.05	11.62	
DPE-31	7/8/2016	--	9.99	--	0.11	10.10	--	--
DPE-31	7/11/2017	--	9.08	--	0.26	9.34	--	--
DPE-31	12/11/2017	--	--	--	--	5.82	--	--
DPE-31	6/11/2018	--	9.80	--	0.01	9.81	--	--
DPE-31	3/11/2019	--	--	--	--	8.20	--	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

DPE-31	12/4/2019	--	--	--	--	8.60	--	--
DPE-31	2/24/2020	--	--	--	--	6.95	--	--
DPE-31	6/12/2020	--	--	--	--	8.50	--	--
DPE-31	12/2/2020	--	--	--	--	7.41	--	--
DPE-31	3/16/2021	--	--	--	--	10.07	--	
DPE-31	9/14/2021	--	--	--	--	12.73	--	
DPE-31	12/20/2021	--	--	--	--	8.58	--	
DPE-32	7/8/2016	--	9.32	--	2.29	11.61	--	--
DPE-32	5/30/2017	--	7.32	--	4.86	12.18	--	--
DPE-32	7/11/2017	--	8.21	--	4.7	12.91	--	--
DPE-32	12/11/2017	--	5.18	--	7.77	12.95	--	--
DPE-32	6/11/2018	--	9.18	--	2.02	11.20	--	--
DPE-32	3/11/2019	--	--	--	--	7.88	--	--
DPE-32	6/12/2019	--	8.66	--	2.58	11.24	--	--
DPE-32	9/23/2019	--	8.60	--	0.01	8.61	--	--
DPE-32	12/4/2019	--	8.12	--	2.86	10.98	--	--
DPE-32	2/24/2020	--	7.42	--	1.31	8.73	--	--
DPE-32	6/12/2020	--	8.17	--	0.78	8.95	--	--
DPE-32	12/2/2020	--	--	--	--	8.19	--	--
DPE-32	12/20/2021	--	--	--	--	6.48	--	
DPE-33	11/15/2016	--	6.96	--	0.63	7.59	--	--
DPE-33	2/16/2017	--	6.64	--	0.45	7.09	--	--
DPE-33	5/24/2017	14.18	7.85	6.33	0.45	8.30	6.24	--
DPE-33	7/11/2017	--	9.25	--	0.43	9.68	--	--
DPE-33	9/26/2017	21.05	10.09	10.96	0.33	10.42	10.89	--
DPE-33	12/11/2017	21.05	5.55	15.5	0.05	5.60	15.49	--
DPE-33	2/26/2018	21.05	7.86	13.19	0.03	7.89	13.18	--
DPE-33	6/11/2018	21.05	9.16	11.89	0.04	9.20	11.88	--
DPE-33	12/17/2018	21.05	--	--	--	6.49	14.56	--
DPE-33	12/4/2019	21.05	--	--	--	8.35	12.70	--
DPE-33	2/24/2020	21.05	--	--	--	7.18	13.87	--
DPE-33	6/12/2020	21.05	--	--	--	8.41	12.64	--
DPE-33	12/2/2020	21.05	--	--	--	7.67	13.38	--
DPE-33	3/16/2021	21.05	--	--	--	9.43	11.62	
DPE-33	5/24/2021	21.05	--	--	--	10.36	10.69	
DPE-33	12/20/2021	21.05	--	--	--	5.93	15.12	
DPE-33	3/1/2022	21.05	--	--	--	3.48	17.57	
DPE-33	9/1/2022	21.05	--	--	--	9.90	11.15	
DPE-34	11/15/2016	--	5.5	--	3.07	8.57	--	--
DPE-34	2/16/2017	--	4.43	--	4.5	8.93	--	--
DPE-34	5/16/2017	--	5.16	--	4.42	9.58	--	--
DPE-34	5/24/2017	17.86	5.69	12.17	4.15	9.84	8.02	--
DPE-34	7/11/2017	--	6.21	--	3.47	9.68	--	--
DPE-34	9/26/2017	20.62	8.72	11.9	0.54	9.26	11.79	--
DPE-34	12/11/2017	20.62	4.02	16.6	0.33	4.35	16.53	--
DPE-34	2/26/2018	20.62	6.14	14.48	0.28	6.42	14.42	--
DPE-34	6/11/2018	20.62	7.50	13.12	0.08	7.58	13.10	--
DPE-34	12/17/2018	20.62	--	--	--	5.68	14.94	--
DPE-34	12/4/2019	20.62	--	--	--	5.84	14.78	--
DPE-34	2/24/2020	20.62	--	--	--	5.04	15.58	--
DPE-34	6/12/2020	20.62	--	--	--	--	--	--
DPE-34	12/2/2020	20.62	--	--	--	--	--	--
DPE-34	3/16/2021	20.62	--	--	--	7.07	13.55	
DPE-34	5/24/2021	20.62	--	--	--	9.81	10.81	
DPE-34	12/20/2021	20.62	--	--	--	--	--	
DPE-34	3/1/2022	20.62	--	--	--	4.43	16.19	
DPE-34	9/1/2022	20.62	--	--	--	7.72	12.90	
DPE-35	7/11/2016	--	8.82	--	2.48	11.30	--	--
DPE-35	5/30/2017	--	7.38	--	5.42	12.80	--	--
DPE-35	7/11/2017	--	7.93	--	5.56	13.49	--	--
DPE-35	12/11/2017	--	5.03	--	8.49	13.52	--	--
DPE-35	6/11/2018	--	8.60	--	2.92	11.52	--	--
DPE-35	3/11/2019	--	7.22	--	5.34	12.56	--	--
DPE-35	6/12/2019	--	8.43	--	4.75	13.18	--	--
DPE-35	9/23/2019	--	8.00	--	3.85	11.85	--	--
DPE-35	12/4/2019	--	8.20	--	0.31	8.51	--	--
DPE-35	2/24/2020	--	7.06	--	2.34	9.40	--	--
DPE-35	6/12/2020	--	7.87	--	1.88	9.75	--	--
DPE-35	12/2/2020	--	--	--	--	7.77	--	--
DPE-35	12/20/2021	--	--	--	--	8.09	--	
DPE-36	7/11/2016	--	8.94	--	0.77	9.71	--	--
DPE-36	7/11/2017	--	7.69	--	1.69	9.38	--	--
DPE-36	12/11/2017	--	6.15	--	0.06	6.21	--	--
DPE-36	6/11/2018	--	--	--	--	8.66	--	--
DPE-36	3/11/2019	--	7.60	--	0.03	7.63	--	--
DPE-36	12/4/2019	--	--	--	--	7.82	--	--
DPE-36	2/24/2020	--	--	--	--	7.12	--	--
DPE-36	6/12/2020	--	7.79	--	0.02	7.81	--	--
DPE-36	12/2/2020	--	--	--	--	7.52	--	--
DPE-36	9/14/2021	--	--	--	--	11.54	--	
DPE-36	12/20/2021	--	--	--	--	8.00	--	
DPE-37	11/15/2016	--	--	--	--	6.62	--	--
DPE-37	2/16/2017	--	--	--	--	6.06	--	--
DPE-37	5/24/2017	12.12	--	--	--	7.11	5.01	--
DPE-37	7/11/2017	--	--	--	--	7.74	--	--
DPE-37	9/26/2017	20.80	--	--	--	9.21	11.59	--
DPE-37	12/11/2017	20.80	--	--	--	3.45	17.35	--
DPE-37	2/26/2018	20.80	--	--	--	6.88	13.92	--
DPE-37	6/11/2018	20.80	--	--	--	8.40	12.40	--
DPE-37	12/17/2018	20.80	--	--	--	7.21	13.59	--
DPE-37	12/2/2020	20.80	--	--	--	--	--	--
DPE-37	3/16/2021	20.80	--	--	--	8.54	12.26	
DPE-37	5/24/2021	20.80	--	--	--	9.02	11.78	
DPE-37	3/1/2022	20.80	--	--	--	4.83	15.97	
DPE-37	9/1/2022	20.80	--	--	--	8.85	11.95	

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

DPE-38	11/15/2016	--	4.65	--	1.7	6.35	--	--
DPE-38	2/16/2017	--	3.43	--	4.17	7.60	--	--
DPE-38	5/16/2017	--	3.69	--	5.66	9.35	--	--
DPE-38	5/24/2017	15.20	4.79	10.41	0.01	4.80	10.41	--
DPE-38	7/11/2017	--	--	--	--	5.32	--	--
DPE-38	9/26/2017	20.28	--	--	--	7.09	13.19	--
DPE-38	12/11/2017	20.28	--	--	--	2.87	17.41	--
DPE-38	2/26/2018	20.28	--	--	--	5.41	14.87	--
DPE-38	6/11/2018	20.28	--	--	--	6.57	13.71	--
DPE-38	12/17/2018	20.28	--	--	--	4.73	15.55	--
DPE-38	12/4/2019	20.28	--	--	--	5.62	14.66	--
DPE-38	2/24/2020	20.28	--	--	--	5.05	15.23	--
DPE-38	6/12/2020	20.28	--	--	--	--	--	--
DPE-38	12/2/2020	20.28	--	--	--	--	--	--
DPE-38	3/16/2021	20.28	--	--	--	5.46	14.82	
DPE-38	5/24/2021	20.28	--	--	--	--	--	
DPE-38	12/20/2021	20.28	--	--	--	3.60	16.68	
DPE-38	3/1/2022	20.28	--	--	--	3.63	16.65	
DPE-38	9/1/2022	20.28	--	--	--	6.90	13.38	
DPE-39	11/15/2016	--	6.46	--	3.89	10.35	--	--
DPE-39	2/16/2017	--	6	--	5.99	11.99	--	--
DPE-39	5/16/2017	--	6.45	--	5.6	12.05	--	--
DPE-39	5/24/2017	23.98	6.74	17.24	7.36	14.10	15.77	--
DPE-39	7/11/2017	--	7.75	--	6.57	14.32	--	--
DPE-39	9/26/2017	20.96	9.82	11.14	2.22	12.04	10.70	--
DPE-39	12/11/2017	20.96	4.85	16.11	8.59	13.44	14.39	--
DPE-39	2/26/2018	20.96	7.06	13.9	5.81	12.87	12.74	--
DPE-39	6/11/2018	20.96	8.66	12.3	3.53	12.19	11.59	--
DPE-39	12/17/2018	20.96	7.30	13.66	3.66	10.96	12.93	--
DPE-39	3/11/2019	20.96	7.31	13.65	6	13.31	12.45	--
DPE-39	6/12/2019	21.69	7.37	14.32	5.03	12.40	13.31	--
DPE-39	9/23/2019	20.96	8.48	12.48	0.65	9.13	12.35	--
DPE-39	12/4/2019	20.96	7.95	13.01	1.67	9.62	12.68	--
DPE-39	2/24/2020	20.96	7.13	13.83	2.86	9.99	13.26	--
DPE-39	6/12/2020	20.96	8.07	12.89	1.58	9.65	12.57	--
DPE-39	12/2/2020	20.96	--	--	--	8.14	12.82	--
DPE-39	5/24/2021	20.96	--	--	--	--	--	
DPE-39	9/14/2021	20.96	--	--	--	11.78	9.18	
DPE-39	12/20/2021	20.96	--	--	--	6.73	14.23	
DPE-40	7/11/2016	--	8.75	--	1.7	10.45	--	--
DPE-40	7/11/2017	--	7.57	--	3.37	10.94	--	--
DPE-40	12/11/2017	--	4.82	--	6.89	11.71	--	--
DPE-40	6/11/2018	--	8.46	--	1.94	10.40	--	--
DPE-40	3/11/2019	--	7.41	--	3.37	10.78	--	--
DPE-40	6/12/2019	--	8.33	--	4.77	13.10	--	--
DPE-40	9/23/2019	--	8.00	--	1.65	9.65	--	--
DPE-40	12/4/2019	--	7.95	--	0.28	8.23	--	--
DPE-40	2/24/2020	--	6.62	--	3.42	10.04	--	--
DPE-40	6/12/2020	--	7.71	--	1.34	9.05	--	--
DPE-40	12/2/2020	--	--	--	--	7.56	--	--
DPE-41	7/11/2016	--	9.29	--	1.42	10.71	--	--
DPE-41	7/11/2017	--	7.93	--	3.25	11.18	--	--
DPE-41	12/11/2017	--	5.37	--	6.61	11.98	--	--
DPE-41	6/11/2018	--	8.84	--	2.08	10.92	--	--
DPE-41	3/11/2019	--	7.60	--	3.43	11.03	--	--
DPE-41	6/12/2019	--	8.30	--	3.32	11.62	--	--
DPE-41	9/23/2019	--	8.32	--	2.02	10.34	--	--
DPE-41	12/4/2019	--	8.21	--	0.33	8.54	--	--
DPE-41	2/24/2020	--	7.58	--	0.02	7.60	--	--
DPE-41	6/12/2020	--	8.30	--	0.06	8.36	--	--
DPE-41	12/2/2020	--	--	--	--	7.79	--	--
DPE-42	11/15/2016	--	--	--	--	5.81	--	--
DPE-42	2/16/2017	--	--	--	--	5.00	--	--
DPE-42	5/24/2017	10.00	--	--	--	6.58	3.42	--
DPE-42	7/11/2017	--	--	--	--	8.78	--	--
DPE-42	9/26/2017	20.94	--	--	--	9.30	11.64	--
DPE-42	12/11/2017	20.94	--	--	--	5.27	15.67	--
DPE-42	2/26/2018	20.94	--	--	--	7.32	13.62	--
DPE-42	6/11/2018	20.94	--	--	--	8.69	12.25	--
DPE-42	12/17/2018	20.94	--	--	--	6.55	14.39	--
DPE-42	3/16/2021	20.94	--	--	--	8.82	12.12	
DPE-42	5/24/2021	20.94	--	--	--	--	--	
DPE-42	3/1/2022	20.94	--	--	--	4.80	16.14	
DPE-42	9/1/2022	20.94	--	--	--	9.20	11.74	
DPE-43	11/15/2016	--	5.07	--	2.68	7.75	--	--
DPE-43	2/16/2017	--	4.23	--	4.35	8.58	--	--
DPE-43	5/16/2017	--	4.57	--	5.96	10.53	--	--
DPE-43	5/24/2017	17.16	5.73	11.43	0.63	6.36	11.30	--
DPE-43	7/11/2017	--	6.84	--	0.02	6.86	--	--
DPE-43	9/26/2017	21.15	8.2	12.95	0.07	8.27	12.88	--
DPE-43	12/11/2017	21.15	--	--	--	3.12	18.03	--
DPE-43	2/26/2018	21.15	4.62	16.53	0.06	4.68	16.52	--
DPE-43	6/11/2018	21.15	6.67	14.48	0.13	6.80	14.45	--
DPE-43	12/17/2018	21.15	--	--	--	4.86	16.29	--
DPE-43	12/4/2019	21.15	5.60	15.55	0.38	5.98	15.47	--
DPE-43	2/24/2020	21.15	4.07	17.08	0.25	4.32	17.03	--
DPE-43	6/12/2020	21.15	5.71	15.44	0.42	6.13	15.36	--
DPE-43	12/2/2020	21.15	4.96	16.19	0.29	5.25	16.13	--
DPE-43	3/16/2021	21.15	4.72	16.43	0.54	5.26	16.32	
DPE-43	5/24/2021	21.15	6.34	14.81	0.5	6.84	14.71	
DPE-43	12/20/2021	21.15	3.58	17.57	0.16	3.74	17.54	
DPE-43	3/1/2022	21.15	3.14	18.01	0.49	3.63	17.91	
DPE-43	9/1/2022	21.15	--	--	--	17.20	3.95	
DPE-44	7/11/2017	--	--	--	--	6.60	--	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

DPE-44	12/11/2017	--	--	--	--	5.55	--	--
DPE-44	6/11/2018	--	--	--	--	6.12	--	--
DPE-44	3/16/2021	--	--	--	--	4.58	--	
DPE-45	11/15/2016	--	6.65	--	0.37	7.02	--	--
DPE-45	2/16/2017	--	6.54	--	0.54	7.08	--	--
DPE-45	5/24/2017	14.16	7.41	6.75	0.79	8.20	6.59	--
DPE-45	7/11/2017	--	8.89	--	0.82	9.71	--	--
DPE-45	9/26/2017	21.10	9.95	11.15	0.68	10.63	11.01	--
DPE-45	12/11/2017	21.10	6.91	14.19	0.25	7.16	14.14	--
DPE-45	2/26/2018	21.10	7.36	13.74	0.6	7.96	13.60	--
DPE-45	6/11/2018	21.10	8.70	12.4	0.43	9.13	12.31	--
DPE-45	12/17/2018	21.10	6.90	14.2	0.31	7.21	14.14	--
DPE-45	12/4/2019	21.10	7.56	13.54	0.36	7.92	13.47	--
DPE-45	2/24/2020	21.10	6.36	14.74	0.35	6.71	14.67	--
DPE-45	6/12/2020	21.10	7.43	13.67	0.35	7.78	13.60	--
DPE-45	12/2/2020	21.10	6.92	14.18	0.38	7.30	14.10	--
DPE-45	3/16/2021	21.10	6.67	14.43	0.44	7.11	14.34	
DPE-45	5/24/2021	21.10	8.05	13.05	0.44	8.49	12.96	
DPE-45	12/20/2021	21.10	5.54	15.56	0.43	5.97	15.47	
DPE-45	3/1/2022	21.10	3.22	17.88	0.49	3.71	17.78	
DPE-45	9/1/2022	21.10	--	--	--	9.72	11.38	
DPE-46	7/8/2016	--	9.25	--	9.95	19.20	--	--
DPE-46	5/16/2017	--	7.33	--	6.22	13.55	--	--
DPE-46	7/11/2017	--	9.02	--	1.18	10.20	--	--
DPE-46	12/11/2017	--	5.71	--	0.55	6.26	--	--
DPE-46	6/11/2018	--	--	--	--	9.36	--	--
DPE-46	12/4/2019	--	--	--	--	8.49	--	--
DPE-46	2/24/2020	--	5.70	--	0.03	5.73	--	--
DPE-46	6/12/2020	--	8.38	--	0.01	8.39	--	--
DPE-46	12/2/2020	--	--	--	--	8.11	--	--
DPE-46	3/16/2021	--	--	--	--	8.14	--	
DPE-46	5/24/2021	--	--	--	--	10.45	--	
DPE-46	12/20/2021	--	--	--	--	8.04	--	
DPE-47	11/15/2016	--	--	--	--	4.75	--	--
DPE-47	2/16/2017	--	--	--	--	3.57	--	--
DPE-47	5/24/2017	7.14	--	--	--	4.68	2.46	--
DPE-47	7/11/2017	--	--	--	--	6.06	--	--
DPE-47	9/26/2017	21.06	--	--	--	7.93	13.13	--
DPE-47	12/11/2017	21.06	--	--	--	3.47	17.59	--
DPE-47	2/26/2018	21.06	--	--	--	4.68	16.38	--
DPE-47	6/11/2018	21.06	--	--	--	6.31	14.75	--
DPE-47	12/17/2018	21.06	--	--	--	4.84	16.22	--
DPE-47	12/2/2020	21.06	--	--	--	4.92	16.14	--
DPE-47	3/16/2021	21.06	--	--	--	4.74	16.32	
DPE-47	5/24/2021	21.06	--	--	--	6.22	14.84	
DPE-47	3/1/2022	21.06	--	--	--	2.96	18.10	
DPE-47	9/1/2022	21.06	--	--	--	8.15	12.91	
DPE-48	7/8/2016	--	10.3	--	1.45	11.75	--	--
DPE-48	7/11/2017	--	9.96	--	2.19	12.15	--	--
DPE-48	12/11/2017	--	--	--	--	7.42	--	--
DPE-48	6/11/2018	--	--	--	--	10.16	--	--
DPE-48	12/4/2019	--	--	--	--	9.28	--	--
DPE-48	2/24/2020	--	--	--	--	8.60	--	--
DPE-48	6/12/2020	--	--	--	--	9.42	--	--
DPE-48	12/2/2020	--	--	--	--	9.01	--	--
DPE-48	3/16/2021	--	--	--	--	9.42	--	
DPE-48	5/24/2021	--	--	--	--	10.36	--	
DPE-48	12/20/2021	--	--	--	--	8.42	--	
DPE-49	7/8/2016	--	9.4	--	3.14	12.54	--	--
DPE-49	5/16/2017	--	7.58	--	3.47	11.05	--	--
DPE-49	7/11/2017	--	8.5	--	3.88	12.38	--	--
DPE-49	12/11/2017	--	5.78	--	7.74	13.52	--	--
DPE-49	6/11/2018	--	9.08	--	2.62	11.70	--	--
DPE-49	3/11/2019	--	7.45	--	6.55	14.00	--	--
DPE-49	6/12/2019	--	8.12	--	2.68	10.80	--	--
DPE-49	9/23/2019	--	8.68	--	1.52	10.20	--	--
DPE-49	12/4/2019	--	8.58	--	0.64	9.22	--	--
DPE-49	2/24/2020	--	7.80	--	1.2	9.00	--	--
DPE-49	6/12/2020	--	8.54	--	1.01	9.55	--	--
DPE-49	12/2/2020	--	--	--	--	8.27	--	--
DPE-49	3/16/2021	--	--	--	--	10.20	--	
DPE-49	5/24/2021	--	--	--	--	10.22	--	
DPE-49	12/20/2021	--	--	--	--	9.07	--	
DPE-50	7/8/2016	--	10.38	--	0.92	11.30	--	--
DPE-50	7/11/2017	--	--	--	--	9.87	--	--
DPE-50	12/11/2017	--	7.31	--	0.02	7.33	--	--
DPE-50	6/11/2018	--	--	--	--	10.26	--	--
DPE-50	12/4/2019	--	--	--	--	9.19	--	--
DPE-50	2/24/2020	--	--	--	--	7.98	--	--
DPE-50	6/12/2020	--	--	--	--	8.98	--	--
DPE-50	12/2/2020	--	--	--	--	8.80	--	--
DPE-50	3/16/2021	--	--	--	--	10.26	--	
DPE-50	5/24/2021	--	--	--	--	11.28	--	
DPE-50	9/14/2021	--	--	--	--	12.68	--	
DPE-50	12/20/2021	--	--	--	--	8.72	--	
DPE-51	7/8/2016	--	10.4	--	0.18	10.58	--	--
DPE-51	7/11/2017	--	9.46	--	0.24	9.70	--	--
DPE-51	6/11/2018	--	10.76	--	0.04	10.80	--	--
DPE-51	12/4/2019	--	--	--	--	9.80	--	--
DPE-51	2/24/2020	--	--	--	--	6.92	--	--
DPE-51	6/12/2020	--	--	--	--	9.25	--	--
DPE-51	12/2/2020	--	--	--	--	8.93	--	--
DPE-51	3/16/2021	--	--	--	--	9.65	--	
DPE-51	12/20/2021	--	--	--	--	8.43	--	

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

DPE-52	7/8/2016	--	9.65	--	2.8	12.45	--	--
DPE-52	5/15/2017	--	7.96	--	3.62	11.58	--	--
DPE-52	7/11/2017	--	9.13	--	0.07	9.20	--	--
DPE-52	12/11/2017	--	6.98	--	0.02	7.00	--	--
DPE-52	6/11/2018	--	10.19	--	0.14	10.33	--	--
DPE-52	12/4/2019	--	8.92	--	0.26	9.18	--	--
DPE-52	2/24/2020	--	8.21	--	0.23	8.44	--	--
DPE-52	6/12/2020	--	8.90	--	0.6	9.50	--	--
DPE-52	12/2/2020	--	8.38	--	0.55	8.93	--	--
DPE-52	3/16/2021	--	9.96	--	0.31	10.27	--	
DPE-52	5/24/2021	--	10.97	--	0.44	11.41	--	
DPE-52	12/20/2021	--	--	--	--	9.55	--	
DPE-53	11/15/2016	--	--	--	--	7.19	--	--
DPE-53	2/16/2017	--	--	--	--	6.76	--	--
DPE-53	5/24/2017	13.52	--	--	--	7.97	5.55	--
DPE-53	7/11/2017	--	--	--	--	8.37	--	--
DPE-53	9/26/2017	21.15	--	--	--	10.14	11.01	--
DPE-53	12/11/2017	21.15	--	--	--	6.07	15.08	--
DPE-53	2/26/2018	21.15	--	--	--	7.75	13.40	--
DPE-53	6/11/2018	21.15	--	--	--	8.95	12.20	--
DPE-53	12/17/2018	21.15	--	--	--	7.68	13.47	--
DPE-54	7/11/2016	--	9.86	--	2.33	12.19	--	--
DPE-54	5/30/2017	--	8	--	6.03	14.03	--	--
DPE-54	7/11/2017	--	8.86	--	2.87	11.73	--	--
DPE-54	12/11/2017	--	6.94	--	1.88	8.82	--	--
DPE-54	6/11/2018	--	9.92	--	0.09	10.01	--	--
DPE-54	3/11/2019	--	8.89	--	0.13	9.02	--	--
DPE-54	12/4/2019	--	9.11	--	0.15	9.26	--	--
DPE-54	2/24/2020	--	8.11	--	1.06	9.17	--	--
DPE-54	6/12/2020	--	--	--	--	9.16	--	--
DPE-54	12/2/2020	--	8.25	--	1.6	9.85	--	--
DPE-54	3/16/2021	--	8.47	--	0.01	8.48	--	
DPE-54	5/24/2021	--	9.82	--	0.76	10.58	--	
DPE-54	9/1/2022	--	20.02	--	2.08	22.10	--	
DPE-55	11/15/2016	--	--	--	--	6.13	--	--
DPE-55	2/16/2017	--	--	--	--	4.67	--	--
DPE-55	5/24/2017	9.34	--	--	--	7.78	1.56	--
DPE-55	7/11/2017	--	--	--	--	9.75	--	--
DPE-55	9/26/2017	21.62	--	--	--	10.91	10.71	--
DPE-55	12/11/2017	21.62	--	--	--	6.73	14.89	--
DPE-55	2/26/2018	21.62	--	--	--	7.13	14.49	--
DPE-55	6/11/2018	21.62	--	--	--	9.18	12.44	--
DPE-55	12/2/2020	21.62	--	--	--	7.64	13.98	--
DPE-55	3/16/2021	21.62	--	--	--	7.82	13.80	
DPE-55	5/24/2021	21.62	--	--	--	8.49	13.13	
DPE-55	3/1/2022	21.62	--	--	--	5.18	16.44	
DPE-55	9/1/2022	21.62	--	--	--	10.08	11.54	
DPE-56	7/11/2016	--	9.81	--	3.19	13.00	--	--
DPE-56	5/15/2017	--	7.98	--	5.19	13.17	--	--
DPE-56	7/11/2017	--	9.44	--	0.59	10.03	--	--
DPE-56	12/11/2017	--	7.37	--	0.39	7.76	--	--
DPE-56	6/11/2018	--	10.15	--	0.17	10.32	--	--
DPE-56	12/4/2019	--	8.58	--	3.47	12.05	--	--
DPE-56	2/24/2020	--	8.55	--	0.27	8.82	--	--
DPE-56	6/12/2020	--	9.21	--	0.15	9.36	--	--
DPE-56	12/2/2020	--	8.62	--	0.25	8.87	--	--
DPE-56	3/16/2021	--	--	--	--	8.58	--	
DPE-56	5/24/2021	--	10.00	--	0.01	10.01	--	
DPE-56	12/20/2021	--	--	--	--	9.43	--	
DPE-56	9/1/2022	--	10.75	--	0.1	10.85	--	
DPE-57	11/15/2016	--	6.94	--	2.78	9.72	--	--
DPE-57	2/16/2017	--	6.65	--	3.17	9.82	--	--
DPE-57	5/15/2017	--	7.6	--	3.2	10.80	--	--
DPE-57	5/24/2017	19.64	8.3	11.34	1.38	9.68	11.06	--
DPE-57	7/11/2017	--	--	--	--	8.87	--	--
DPE-57	9/26/2017	21.46	10.01	11.45	0.35	10.36	11.38	--
DPE-57	12/11/2017	21.46	6.48	14.98	0.25	6.73	14.93	--
DPE-57	2/26/2018	21.46	8.19	13.27	0.47	8.66	13.18	--
DPE-57	6/11/2018	21.46	9.40	12.06	0.31	9.71	12.00	--
DPE-57	12/4/2019	21.46	8.49	12.97	0.77	9.26	12.82	--
DPE-57	2/24/2020	21.46	7.77	13.69	0.83	8.60	13.52	--
DPE-57	6/12/2020	21.54	8.43	13.11	0.87	9.30	12.94	--
DPE-57	12/2/2020	21.46	7.88	13.58	0.67	8.55	13.45	--
DPE-57	3/16/2021	21.46	8.35	13.11	0.67	9.02	12.98	
DPE-57	5/24/2021	21.46	9.14	12.32	0.61	9.75	12.20	
DPE-57	9/14/2021	21.46	10.75	10.71	0.1	10.85	10.69	
DPE-57	12/20/2021	21.46	--	--	--	--	--	
DPE-57	3/1/2022	21.46	5.38	16.08	0.18	5.56	16.04	
DPE-57	9/1/2022	21.46	--	--	--	8.72	12.74	
HA-1	1/27/1993	19.50	--	--	--	5.94	13.56	--
HA-1	3/12/1993	19.50	--	--	--	8.54	10.96	--
HA-1	4/14/1993	19.50	--	--	--	6.47	13.03	--
HA-1	12/15/1993	19.50	--	--	--	5.54	13.96	--
HA-1	11/4/1994	19.50	--	--	--	10.30	9.20	--
HA-1	2/22/1995	19.50	--	--	--	5.11	14.39	--
HA-1	6/16/1995	19.50	--	--	--	8.33	11.17	--
HA-1	10/20/1995	19.50	--	--	--	5.48	14.02	--
HA-1	4/4/1996	19.50	--	--	--	5.81	13.69	--
HA-1	4/16/1996	19.50	--	--	--	5.78	13.72	--
HA-1	5/1/1997	19.50	--	--	--	5.59	13.91	--
HA-1	9/17/1997	19.50	--	--	--	5.50	14.00	--
HA-1	4/29/1998	19.50	--	--	--	5.83	13.67	--
HA-1	5/24/2000	19.50	--	--	--	6.20	13.30	--
HA-1	5/23/2001	19.50	--	--	--	6.30	13.20	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-1	6/4/2002	19.50	--	--	--	6.40	13.10	--
HA-1	5/28/2003	19.50	--	--	--	6.45	13.05	--
HA-1	6/15/2004	19.50	--	--	--	5.80	13.70	--
HA-1	6/22/2005	19.50	--	--	--	5.77	13.73	--
HA-1	6/5/2006	19.50	--	--	--	5.00	14.50	--
HA-1	10/23/2006	19.50	--	--	--	5.97	13.53	--
HA-1	3/14/2007	20.76	--	--	--	3.42	17.34	--
HA-1	9/10/2007	20.76	--	--	--	4.46	16.30	--
HA-1	11/28/2007	20.76	--	--	--	7.32	13.44	13.44
HA-1	12/13/2007	20.76	--	--	--	3.83	16.93	16.93
HA-1	1/21/2008	20.76	--	--	--	3.87	16.89	16.89
HA-1	2/24/2008	20.76	--	--	--	4.46	16.30	16.30
HA-1	3/24/2008	20.76	--	--	--	3.06	17.70	17.70
HA-1	6/2/2008	20.76	--	--	--	4.83	15.93	--
HA-1	8/25/2008	20.76	--	--	--	3.33	17.43	17.43
HA-1	2/18/2009	20.76			Not Monitored			NM
HA-1	8/25/2009	20.76			Not Monitored			NM
HA-1	3/22/2010	20.76	--	--	--	3.94	16.82	16.82
HA-1	8/23/2010	20.76	--	--	--	6.68	14.08	14.08
HA-1	2/7/2011	20.76	--	--	--	3.88	16.88	--
HA-1	5/27/2011	20.76	--	--	--	3.76	17.00	--
HA-1	8/8/2011	20.76	--	--	--	6.10	14.66	--
HA-1	11/14/2011	20.76	--	--	--	4.01	16.75	--
HA-1	2/20/2012	20.76	--	--	--	3.01	17.75	--
HA-1	8/22/2012	20.76	--	--	--	7.42	13.34	--
HA-1	11/5/2012	20.76	--	--	--	2.98	17.78	--
HA-1	1/28/2013	20.76	--	--	--	3.17	17.59	--
HA-1	5/9/2013	20.76	--	--	--	4.37	16.39	--
HA-1	8/19/2013	20.76	--	--	--	7.83	12.93	--
HA-1	11/25/2013	20.76	--	--	--	3.61	17.15	--
HA-1	2/14/2014	20.76	--	--	--	2.12	18.64	--
HA-1	5/5/2014	20.76	--	--	--	3.24	17.52	--
HA-1	8/19/2014				Decomissioned Well			
HA-2	1/27/1993	18.17	--	--	--	5.80	12.37	--
HA-2	4/14/1993	18.17	--	--	--	7.12	11.05	--
HA-2	12/15/1993	18.17	--	--	--	7.84	10.33	--
HA-2	11/4/1994	18.17	--	--	--	8.45	9.72	--
HA-2	2/22/1995	18.17	--	--	--	6.39	11.78	--
HA-2	6/16/1995	18.17	--	--	--	7.03	11.14	--
HA-2	10/20/1995	18.17	--	--	--	7.29	10.88	--
HA-2	4/4/1996	18.17	--	--	--	5.43	12.74	--
HA-2	4/16/1996	18.17	--	--	--	5.17	13.00	--
HA-2	4/2/1997	18.17	--	--	--	6.80	11.37	--
HA-2	5/1/1997	18.17	--	--	--	6.98	11.19	--
HA-2	9/18/1997	18.17	--	--	--	7.34	10.83	--
HA-2	4/30/1998	18.17	--	--	--	6.74	11.43	--
HA-2	7/30/1999	18.17	--	--	--	7.03	11.14	--
HA-2	5/23/2000	18.17	--	--	--	6.94	11.23	--
HA-2	5/23/2001	18.17	--	--	--	7.50	10.67	--
HA-2	6/4/2002	18.17	--	--	--	6.45	11.72	--
HA-2	5/27/2003	18.17	--	--	sheen	7.40	10.77	--
HA-2	6/16/2004	18.17	--	--	--	7.84	10.33	--
HA-2	6/21/2005	18.17	--	--	--	6.41	11.76	--
HA-2	6/5/2006	18.17	--	--	--	6.22	11.95	--
HA-2	10/23/2006	18.17	--	--	--	7.84	10.33	--
HA-2	3/14/2007	21.09	--	--	--	5.69	15.40	--
HA-2	9/10/2007	21.09	--	--	--	7.89	13.20	--
HA-2	11/28/2007	21.09	--	--	--	7.53	13.56	13.56
HA-2	12/13/2007	21.09	6.95	14.14	0.36	7.31	14.05	14.32
HA-2	1/21/2008	21.09	--	--	--	6.35	14.74	14.74
HA-2	2/24/2008	21.09	--	--	--	6.31	14.78	14.78
HA-2	3/24/2008	21.09	--	--	--	6.65	14.44	14.44
HA-2	6/2/2008	21.09	--	--	--	7.12	13.97	--
HA-2	8/25/2008	21.09	--	--	--	7.77	13.32	13.32
HA-2	2/18/2009	21.09			Not Monitored			NM
HA-2	8/25/2009	21.09			Not Monitored			NM
HA-2	3/22/2010	21.09	--	--	--	5.93	15.16	15.16
HA-2	8/23/2010	21.09	--	--	--	6.61	14.48	14.48
HA-2	2/7/2011	21.09	--	--	--	6.20	14.89	--
HA-2	5/27/2011	21.09	--	--	--	6.35	14.74	--
HA-2	8/8/2011	21.09	--	--	--	7.22	13.87	--
HA-2	11/14/2011	21.09	--	--	--	7.70	13.39	--
HA-2	2/20/2012	21.09	--	--	--	6.10	14.99	--
HA-2	8/22/2012	21.09	--	--	--	7.29	13.80	--
HA-2	11/5/2012	21.09	--	--	--	7.37	13.72	--
HA-2	1/28/2013	21.09	--	--	--	5.42	15.67	--
HA-2	5/9/2013	21.09	--	--	--	6.54	14.55	--
HA-2	8/19/2013	21.09	--	--	--	7.66	13.43	--
HA-2	11/25/2013	21.09	--	--	--	4.56	16.53	--
HA-2	2/14/2014	21.09	--	--	--	6.25	14.84	--
HA-2	5/5/2014	21.09	--	--	--	5.04	16.05	--
HA-2	8/19/2014				Decomissioned Well			
HA-3	1/27/1993	21.03	--	--	--	8.65	12.38	--
HA-3	3/12/1993	21.03	--	--	--	9.01	12.02	--
HA-3	4/14/1993	21.03	--	--	--	8.61	12.42	--
HA-3	12/15/1993	21.03	--	--	--	9.22	11.81	--
HA-3	11/4/1994	21.03	--	--	--	10.26	10.77	--
HA-3	2/22/1995	21.03	--	--	--	8.35	12.68	--
HA-3	6/16/1995	21.03	--	--	--	9.31	11.72	--
HA-3	10/20/1995	21.03	--	--	--	9.46	11.57	--
HA-3	4/4/1996	21.03	--	--	--	7.95	13.08	--
HA-3	4/16/1996	21.03	--	--	--	8.10	12.93	--
HA-3	4/2/1997	21.03	--	--	--	6.70	14.33	--
HA-3	5/1/1997	21.03	--	--	--	8.44	12.59	--
HA-3	9/18/1997	21.03	--	--	--	9.34	11.69	--
HA-3	4/30/1998	21.03	--	--	--	9.20	11.83	--
HA-3	5/23/2000	21.03	--	--	--	9.25	11.78	--
HA-3	5/23/2001	21.03	--	--	--	9.18	11.85	--
HA-3	6/4/2002	21.03	--	--	--	9.07	11.96	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-3	5/27/2003	21.03	--	--	--	9.30	11.73	--
HA-3	6/22/2005	21.03	--	--	--	8.94	12.09	--
HA-3	6/5/2006	21.03	--	--	--	8.91	12.12	--
HA-3	10/23/2006	21.03	--	--	--	9.66	11.37	--
HA-3	3/14/2007	21.09	--	--	--	5.42	15.67	--
HA-3	9/10/2007	21.09	--	--	--	6.70	14.39	--
HA-3	11/28/2007	21.09	--	--	--	6.91	14.18	14.18
HA-3	12/13/2007	21.09	5.90	15.19	0.90	6.80	14.97	15.64
HA-3	1/21/2008	21.09	--	--	--	5.96	15.13	15.13
HA-3	2/24/2008	21.09	--	--	--	5.77	15.32	15.32
HA-3	3/24/2008	21.09	--	--	--	6.07	15.02	15.02
HA-3	6/2/2008	21.09	--	--	--	6.36	14.73	--
HA-3	8/25/2008	21.09	--	--	--	6.30	14.79	14.79
HA-3	2/18/2009	21.09			Not Monitored			NM
HA-3	8/25/2009	21.09			Not Monitored			NM
HA-3	3/22/2010	21.09	--	--	--	5.44	15.65	16.65
HA-3	8/23/2010	21.09	--	--	--	6.34	14.75	14.75
HA-3	2/7/2011	21.09	--	--	--	5.31	15.78	--
HA-3	5/27/2011	21.09	--	--	--	5.67	15.42	--
HA-3	8/8/2011	21.09	--	--	--	6.45	14.64	--
HA-3	11/14/2011	21.09	--	--	--	6.33	14.76	--
HA-3	2/20/2012	21.09	--	--	--	5.20	15.89	--
HA-3	8/22/2012	21.09	--	--	--	6.56	14.53	--
HA-3	11/5/2012	21.09	--	--	--	5.41	15.68	--
HA-3	1/28/2013	21.09	--	--	--	5.47	15.62	--
HA-3	5/9/2013	21.09	--	--	--	5.97	15.12	--
HA-3	8/19/2013	21.09	--	--	--	6.60	14.49	--
HA-3	11/25/2013	21.09	--	--	--	4.07	17.02	--
HA-3	2/14/2014	21.09	--	--	--	4.68	16.41	--
HA-3	5/5/2014	21.09	--	--	--	4.66	16.43	--
HA-3	8/19/2014				Decomissioned Well			
HA-4	1/27/1993	20.24	--	--	--	7.68	12.56	--
HA-4	3/12/1993	20.24	--	--	--	8.56	11.68	--
HA-4	4/14/1993	20.24	--	--	--	8.02	12.22	--
HA-4	12/15/1993	20.24	--	--	--	8.41	11.83	--
HA-4	11/4/1994	20.24	--	--	--	10.14	10.10	--
HA-4	2/22/1995	20.24	--	--	--	7.09	13.15	--
HA-4	6/16/1995	20.24	--	--	--	8.78	11.46	--
HA-4	10/20/1995	20.24	--	--	--	8.54	11.70	--
HA-4	4/4/1996	20.24	--	--	--	7.68	12.56	--
HA-4	4/16/1996	20.24	--	--	--	7.11	13.13	--
HA-4	4/2/1997	20.24	--	--	--	8.00	12.24	--
HA-4	5/1/1997	20.24	--	--	--	5.49	14.75	--
HA-4	9/18/1997	20.24	--	--	--	7.70	12.54	--
HA-4	4/30/1998	20.24	--	--	--	8.67	11.57	--
HA-4	5/23/2000	20.24	--	--	--	7.35	12.89	--
HA-4	5/23/2001	20.24	--	--	--	8.95	11.29	--
HA-4	6/4/2002	20.24	--	--	--	6.45	13.79	--
HA-4	5/27/2003	20.24	--	--	--	8.64	11.60	--
HA-4	6/16/2004	20.24	--	--	--	8.67	11.57	--
HA-4	6/22/2005	20.24	--	--	--	8.58	11.66	--
HA-4	6/5/2006	20.24	--	--	--	8.04	12.20	--
HA-4	10/23/2006	20.24	--	--	--	9.00	11.24	--
HA-4	3/14/2007	21.05	--	--	--	5.06	15.99	--
HA-4	9/10/2007	21.05	--	--	--	6.77	14.28	--
HA-4	11/28/2007	21.05	--	--	--	5.42	15.63	15.63
HA-4	12/13/2007	21.05	--	--	--	6.20	14.85	14.85
HA-4	1/21/2008	21.05	--	--	--	5.08	15.97	15.97
HA-4	2/24/2008	21.05	--	--	--	5.78	15.27	15.27
HA-4	3/24/2008	21.05	--	--	--	5.15	15.90	15.90
HA-4	6/2/2008	21.05	--	--	--	6.37	14.68	--
HA-4	8/25/2008	21.05	--	--	--	4.15	16.90	16.90
HA-4	2/18/2009	21.05			Not Monitored			NM
HA-4	8/25/2009	21.05			Not Monitored			NM
HA-4	3/22/2010	21.05	--	--	--	5.69	15.36	15.36
HA-4	8/23/2010	21.05	--	--	--	6.75	14.30	14.30
HA-4	2/7/2011	21.05	--	--	--	5.17	15.88	--
HA-4	5/27/2011	21.05	--	--	--	5.61	15.44	--
HA-4	8/8/2011	21.05	--	--	--	6.63	14.42	--
HA-4	11/14/2011	21.05	--	--	--	4.71	16.34	--
HA-4	2/20/2012	21.05	--	--	--	4.90	16.15	--
HA-4	8/22/2012	21.05	--	--	--	10.72	10.33	--
HA-4	11/5/2012	21.05	--	--	--	3.98	17.07	--
HA-4	1/28/2013	21.05	--	--	--	3.54	17.51	--
HA-4	5/9/2013	21.05	--	--	--	6.08	14.97	--
HA-4	8/19/2013	21.05	--	--	--	6.88	14.17	--
HA-4	11/25/2013	21.05	--	--	--	5.83	15.22	--
HA-4	2/14/2014	21.05	--	--	--	3.65	17.40	--
HA-4	5/5/2014	21.05	--	--	--	4.84	16.21	--
HA-4	8/19/2014				Decomissioned Well			
HA-5	1/27/1993	18.07	--	--	--	4.50	13.57	--
HA-5	3/12/1993	18.07	--	--	--	6.22	11.85	--
HA-5	4/14/1993	18.07	--	--	--	5.13	12.94	--
HA-5	12/15/1993	18.07	--	--	--	6.39	11.68	--
HA-5	11/4/1994	18.07	--	--	--	7.86	10.21	--
HA-5	2/22/1995	18.07	--	--	--	3.67	14.40	--
HA-5	6/16/1995	18.07	--	--	--	6.70	11.37	--
HA-5	10/20/1995	18.07	--	--	--	6.41	11.66	--
HA-5	4/4/1996	18.07	--	--	--	4.88	13.19	--
HA-5	4/16/1996	18.07	--	--	--	4.91	13.16	--
HA-5	5/1/1997	18.07	--	--	--	5.04	13.03	--
HA-5	9/18/1997	18.07	--	--	--	5.90	12.17	--
HA-5	5/1/1998	18.07	--	--	--	5.98	12.09	--
HA-5	7/29/1999	18.07	--	--	--	6.53	11.54	--
HA-5	5/23/2000	18.07	--	--	--	6.22	11.85	--
HA-5	5/22/2001	18.07	--	--	--	6.09	11.98	--
HA-5	6/5/2002	18.07	--	--	--	6.08	11.99	--
HA-5	11/24/2002	21.13	--	--	--	6.80	14.33	14.33
HA-5	1/17/2003	21.13	4.37	16.76	0.00	4.37	16.76	16.76

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-5	1/20/2003	21.13	--	--	--	4.58	16.55	16.55
HA-5	1/31/2003	21.13	--	--	--	4.49	16.64	16.64
HA-5	2/7/2003	21.13	--	--	--	4.46	16.67	16.67
HA-5	2/12/2003	21.13	--	--	--	4.93	16.20	16.20
HA-5	2/18/2003	21.13	--	--	--	5.30	15.83	15.83
HA-5	2/21/2003	21.13	--	--	--	5.14	15.99	15.99
HA-5	2/24/2003	21.13	--	--	--	5.23	15.90	15.90
HA-5	3/4/2003	21.13	--	--	--	5.55	15.58	15.58
HA-5	3/12/2003	21.13	--	--	--	5.24	15.89	15.89
HA-5	3/14/2003	21.13	5.25	15.88	0.01	5.26	15.88	15.89
HA-5	3/26/2003	21.13	--	--	--	4.41	16.72	16.72
HA-5	3/28/2003	21.13	--	--	--	4.98	16.15	16.15
HA-5	4/2/2003	21.13	--	--	--	5.00	16.13	16.13
HA-5	4/4/2003	21.13	--	--	--	5.44	15.69	15.69
HA-5	4/8/2003	21.13	--	--	--	5.49	15.64	15.64
HA-5	4/11/2003	21.13	--	--	--	5.53	15.60	15.60
HA-5	4/15/2003	21.13	--	--	--	5.06	16.07	16.07
HA-5	4/17/2003	21.13	--	--	--	5.70	15.43	15.43
HA-5	4/22/2003	21.13	--	--	--	5.54	15.59	15.59
HA-5	4/25/2003	21.13	--	--	--	5.92	15.21	15.21
HA-5	5/2/2003	21.13	--	--	--	5.98	15.15	15.15
HA-5	5/6/2003	21.13	--	--	--	6.02	15.11	15.11
HA-5	5/9/2003	21.13	--	--	--	6.34	14.79	14.79
HA-5	5/23/2003	21.13	--	--	--	6.95	14.18	14.18
HA-5	5/28/2003	21.13	--	--	--	6.85	14.28	14.28
HA-5	6/13/2003	21.13	--	--	--	7.22	13.91	13.91
HA-5	6/18/2003	21.13	--	--	--	7.16	13.97	13.97
HA-5	6/27/2003	21.13	--	--	--	7.14	13.99	13.99
HA-5	7/7/2003	21.13	--	--	--	7.47	13.66	13.66
HA-5	7/16/2003	21.13	--	--	--	7.57	13.56	13.56
HA-5	7/31/2003	21.13	7.82	13.31	0.01	7.83	13.31	13.32
HA-5	8/5/2003	21.13	--	--	--	7.90	13.23	13.23
HA-5	8/11/2003	21.13	--	--	--	9.01	12.12	12.12
HA-5	8/22/2003	21.13	9.24	11.89	0.01	9.25	11.89	11.90
HA-5	8/26/2003	21.13	--	--	--	8.19	12.94	12.94
HA-5	9/2/2003	21.13	--	--	--	8.48	12.65	12.65
HA-5	9/9/2003	21.13	--	--	--	8.93	12.20	12.20
HA-5	9/19/2003	21.13	8.80	12.33	0.01	8.81	12.33	12.34
HA-5	10/14/2003	21.13			Not Monitored			--
HA-5	11/20/2003	21.13			Not Monitored			--
HA-5	12/3/2003	21.13	--	--	--	4.44	16.69	16.69
HA-5	1/19/2004	21.13	--	--	--	3.99	17.14	17.14
HA-5	2/24/2004	21.13	--	--	--	5.26	15.87	15.87
HA-5	3/15/2004	21.13	--	--	--	6.11	15.02	15.02
HA-5	4/19/2004	21.13	--	--	--	6.62	14.51	14.51
HA-5	5/17/2004	21.13	--	--	--	7.15	13.98	13.98
HA-5	6/16/2004	21.13	--	--	--	7.01	14.12	--
HA-5	6/22/2004	21.13	--	--	--	6.98	14.15	14.15
HA-5	8/18/2004	21.13	8.10	13.03	0.01	8.11	13.03	13.04
HA-5	9/21/2004	21.13	--	--	--	6.97	14.16	14.16
HA-5	10/19/2004	21.13	--	--	--	6.28	14.85	14.85
HA-5	11/23/2004	21.13	--	--	--	6.52	14.61	14.61
HA-5	12/21/2004	21.13	--	--	--	4.56	16.57	16.57
HA-5	1/13/2005	21.13	--	--	--	5.84	15.29	15.29
HA-5	4/28/2005	21.13	--	--	--	4.88	16.25	16.25
HA-5	6/1/2005	21.13	--	--	--	5.17	15.96	15.96
HA-5	6/20/2005	21.13	--	--	--	5.82	15.31	--
HA-5	6/29/2005	21.13	--	--	--	6.59	14.54	14.54
HA-5	7/20/2005	21.13	--	--	--	7.00	14.13	14.13
HA-5	8/22/2005	21.13	--	--	--	7.20	13.93	13.93
HA-5	9/12/2005	21.13	--	--	--	7.82	13.31	13.31
HA-5	10/12/2005	21.13	--	--	--	8.35	12.78	12.78
HA-5	11/21/2005	21.13	6.02	15.11	0.01	6.03	15.11	15.12
HA-5	12/27/2005	21.13			Not Monitored			NM
HA-5	1/30/2006	21.13	--	--	--	6.10	15.03	15.03
HA-5	2/16/2006	21.13	--	--	--	3.97	17.16	17.16
HA-5	3/13/2006	21.13	--	--	--	4.94	16.19	16.19
HA-5	4/18/2006	21.13	--	--	--	5.28	15.85	15.85
HA-5	5/12/2006	21.13	--	--	--	5.70	15.43	15.43
HA-5	6/5/2006	21.13	--	--	--	5.42	15.71	--
HA-5	6/9/2006	21.13	--	--	--	5.31	15.82	15.82
HA-5	7/13/2006	21.13	--	--	--	6.39	14.74	14.74
HA-5	8/16/2006	21.13	--	--	--	7.35	13.78	13.78
HA-5	9/19/2006	21.13	--	--	--	7.80	13.33	13.33
HA-5	10/13/2006	21.13	--	--	--	7.52	13.61	13.61
HA-5	10/23/2006	21.13	--	--	--	7.54	13.59	--
HA-5	11/20/2006	21.13	--	--	--	3.70	17.43	17.43
HA-5	12/8/2006	21.13	--	--	--	4.69	16.44	16.44
HA-5	1/19/2007	21.13	--	--	--	3.22	17.91	17.91
HA-5	2/19/2007	21.13	--	--	--	5.25	15.88	15.88
HA-5	3/14/2007	21.13	--	--	--	4.38	16.75	--
HA-5	3/15/2007	21.13	--	--	--	4.31	16.82	16.82
HA-5	4/16/2007	21.13	--	--	--	4.76	16.37	16.37
HA-5	5/14/2007	21.13	--	--	--	6.05	15.08	15.08
HA-5	6/29/2007	21.13	--	--	--	7.17	13.96	13.96
HA-5	7/20/2007	21.13	--	--	--	7.57	13.56	13.56
HA-5	8/21/2007	21.13	--	--	--	8.15	12.98	12.98
HA-5	9/10/2007	21.13	--	--	--	8.24	12.89	12.89
HA-5	10/22/2007	21.13	--	--	--	6.92	14.21	14.21
HA-5	11/28/2007	21.13	--	--	--	6.33	14.80	14.80
HA-5	12/13/2007	21.13	--	--	--	5.08	16.05	16.05
HA-5	1/21/2008	21.13	--	--	--	4.96	16.17	16.17
HA-5	2/24/2008	21.13	--	--	--	5.73	15.40	15.40
HA-5	3/24/2008	21.13	--	--	--	8.99	12.14	12.14
HA-5	6/2/2008	21.13	--	--	--	7.04	14.09	--
HA-5	8/25/2008	21.13	--	--	--	7.65	13.48	13.48
HA-5	2/18/2009	21.13			Not Monitored			NM
HA-5	8/25/2009	21.13			Not Monitored			NM
HA-5	3/22/2010	21.13	--	--	--	5.56	15.57	15.57
HA-5	8/23/2010	21.13	--	--	--	7.47	13.66	13.66
HA-5	2/7/2011	21.13	--	--	--	6.63	14.50	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-5	5/27/2011	21.13			Not Monitored			
HA-5	8/8/2011	21.13	--	--	--	7.35	13.78	--
HA-5	11/14/2011	21.13	--	--	--	7.03	14.1	--
HA-5	2/20/2012	21.13	--	--	--	4.63	16.5	--
HA-5	8/22/2012	21.13	--	--	--	7.10	14.03	--
HA-5	11/5/2012	21.13	--	--	--	5.78	15.35	--
HA-5	1/28/2013	21.13	--	--	--	4.33	16.80	--
HA-5	5/9/2013	21.13	--	--	--	5.26	15.87	--
HA-5	8/19/2013	21.13	--	--	--	7.81	13.32	--
HA-5	11/25/2013	21.13	--	--	--	5.50	15.63	--
HA-5	2/14/2014	21.13	--	--	--	4.85	16.28	--
HA-5	5/5/2014	21.13	--	--	--	3.78	17.35	--
HA-5	8/19/2014	21.13	--	--	--	7.59	13.54	--
HA-5	11/21/2014	21.13	--	--	--	5.25	15.88	--
HA-6	1/27/1993	18.16	--	--	--	4.58	13.58	--
HA-6	3/12/1993	18.16	--	--	--	6.46	11.70	--
HA-6	4/14/1993	18.16	--	--	--	5.55	12.61	--
HA-6	12/15/1993	18.16	--	--	--	7.15	11.01	--
HA-6	11/4/1994	18.16	--	--	--	8.42	9.74	--
HA-6	2/22/1995	18.16	--	--	--	4.98	13.18	--
HA-6	5/15/1995	18.16	--	--	--	5.86	12.30	--
HA-6	6/16/1995	18.16	--	--	--	6.62	11.54	--
HA-6	10/20/1995	18.16	--	--	--	6.86	11.30	--
HA-6	4/4/1996	18.16	--	--	--	4.68	13.48	--
HA-6	4/16/1996	18.16	--	--	--	4.60	13.56	--
HA-6	5/10/1996	18.16	--	--	--	4.20	13.96	--
HA-6	5/15/1996	18.16	--	--	--	4.02	14.14	--
HA-6	5/22/1996	18.16	--	--	--	4.97	13.19	--
HA-6	6/5/1996	18.16	--	--	--	5.79	12.37	--
HA-6	6/24/1996	18.16	--	--	--	6.78	11.38	--
HA-6	7/15/1996	18.16	--	--	--	7.51	10.65	--
HA-6	8/23/1996	18.16	--	--	--	8.09	10.07	--
HA-6	9/18/1996	18.16	--	--	--	8.37	9.79	--
HA-6	1/3/1997	18.16	--	--	--	2.84	15.32	--
HA-6	3/12/1997	18.16	--	--	--	4.54	13.62	--
HA-6	4/2/1997	18.16	--	--	--	4.85	13.31	--
HA-6	5/1/1997	18.16	--	--	--	5.35	12.81	--
HA-6	8/19/1997	18.16	--	--	--	7.40	10.76	--
HA-6	8/26/1997	18.16	--	--	--	7.60	10.56	--
HA-6	9/17/1997	18.16	--	--	--	6.44	11.72	--
HA-6	5/1/1998	18.16	--	--	--	5.95	12.21	--
HA-6	7/30/1999	18.16	--	--	--	6.54	11.62	--
HA-6	5/22/2000	18.16	--	--	--	6.21	11.95	--
HA-6	5/22/2001	18.16	--	--	--	6.36	11.80	--
HA-6	6/5/2002	18.16	--	--	--	6.00	12.16	--
HA-6	11/24/2002	21.43	--	--	--	7.12	14.31	14.31
HA-6	5/28/2003	21.43	--	--	sheen	6.93	14.50	--
HA-6	6/16/2004	21.43	--	--	--	7.45	13.98	--
HA-6	1/13/2005	21.43	--	--	--	5.56	15.87	15.87
HA-6	4/28/2005	21.43	--	--	--	4.81	16.62	16.62
HA-6	6/1/2005	21.43	--	--	--	5.05	16.38	16.38
HA-6	6/20/2005	21.43	--	--	--	5.76	15.67	--
HA-6	6/29/2005	21.43	--	--	--	6.52	14.91	14.91
HA-6	7/20/2005	21.43	--	--	--	7.21	14.22	14.22
HA-6	8/22/2005	21.43	--	--	--	7.40	14.03	10.76
HA-6	9/12/2005	21.43	--	--	--	7.82	13.61	13.61
HA-6	10/12/2005	21.43	--	--	--	8.62	12.81	12.81
HA-6	11/21/2005	21.43	--	--	--	6.57	14.86	14.86
HA-6	12/27/2005	21.43	--	--	--	5.69	15.74	15.74
HA-6	1/30/2006	21.43	--	--	--	2.46	18.97	18.97
HA-6	2/16/2006	21.43	--	--	--	3.62	17.81	17.81
HA-6	3/13/2006	21.43	--	--	--	4.62	16.81	16.81
HA-6	4/18/2006	21.43	--	--	--	5.01	16.42	16.42
HA-6	5/12/2006	21.43	--	--	--	5.43	16.00	16.00
HA-6	6/5/2006	21.43	--	--	--	5.39	16.04	--
HA-6	6/9/2006	21.43	--	--	--	5.20	16.23	16.23
HA-6	7/13/2006	21.43	--	--	--	6.60	14.83	14.83
HA-6	8/16/2006	21.43	--	--	--	7.35	14.08	14.08
HA-6	9/19/2006	21.43	--	--	--	7.91	13.52	13.52
HA-6	10/13/2006	21.43	--	--	--	7.72	13.71	13.71
HA-6	10/23/2006	21.43	--	--	--	7.72	13.71	--
HA-6	11/20/2006	21.43	--	--	--	4.22	17.21	17.21
HA-6	12/8/2006	21.43	--	--	--	3.59	17.84	17.84
HA-6	1/19/2007	21.43	--	--	--	3.13	18.30	18.30
HA-6	2/19/2007	21.43	--	--	--	5.36	16.07	16.07
HA-6	3/14/2007	21.43	--	--	--	4.37	17.06	--
HA-6	3/15/2007	21.43	--	--	--	4.25	17.18	17.18
HA-6	4/16/2007	21.43	--	--	--	4.50	16.93	16.93
HA-6	5/14/2007	21.43	--	--	--	6.20	15.23	15.23
HA-6	6/29/2007	21.43	--	--	--	7.25	14.18	14.18
HA-6	7/20/2007	21.43	--	--	--	7.71	13.72	13.72
HA-6	8/21/2007	21.43	--	--	--	8.35	13.08	13.08
HA-6	9/10/2007	21.43	--	--	--	8.46	12.97	12.97
HA-6	10/22/2007	21.43	--	--	--	7.55	13.88	13.88
HA-6	11/28/2007	21.43	--	--	--	6.62	14.81	14.81
HA-6	12/13/2007	21.43	--	--	--	5.49	15.94	15.94
HA-6	1/21/2008	21.43	--	--	--	5.21	16.22	16.22
HA-6	2/24/2008	21.43	--	--	--	5.73	15.70	15.70
HA-6	3/24/2008	21.43	--	--	--	6.05	15.38	15.38
HA-6	6/2/2008	21.43	--	--	--	7.24	14.19	--
HA-6	8/25/2008	21.43	--	--	--	8.00	13.43	13.43
HA-6	2/18/2009	21.43			Not Monitored			NM
HA-6	8/25/2009	21.43			Not Monitored			NM
HA-6	3/22/2010	21.43	--	--	--	4.96	16.47	16.47
HA-6	8/23/2010	21.43	--	--	--	7.32	14.11	14.11
HA-6	2/7/2011	21.43	--	--	--	4.81	16.62	--
HA-6	5/27/2011	21.43	--	--	--	5.64	15.79	--
HA-6	8/8/2011	21.43	--	--	--	7.61	13.82	--
HA-6	11/14/2011	21.43	--	--	--	7.38	14.05	--
HA-6	2/20/2012	21.43	--	--	--	4.80	16.63	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-6	8/22/2012	21.43	--	--	--	7.24	14.19	--
HA-6	11/5/2012	21.43	--	--	--	7.00	14.43	--
HA-6	5/9/2013	21.43	--	--	--	5.52	15.91	--
HA-6	8/19/2013	21.43	--	--	--	8.08	13.35	--
HA-6	11/25/2013	21.43	--	--	--	5.84	15.59	--
HA-6	2/14/2014	21.43	--	--	--	5.26	16.17	--
HA-6	5/5/2014	21.43	--	--	--	4.24	17.19	--
HA-6	8/19/2014				Decomissioned Well			
HA-7	1/27/1993	18.44	--	--	2.22	6.33	13.78	--
HA-7	3/12/1993	18.44	--	--	0.61	7.30	11.60	--
HA-7	4/14/1993	18.44	--	--	1.23	7.00	12.36	--
HA-7	6/30/1993	18.44	--	--	0.84	7.36	11.71	--
HA-7	12/15/99	18.44	--	--	0.55	7.80	11.05	--
HA-7	2/8/1994	18.44	--	--	0.50	6.14	12.68	--
HA-7	8/12/1994	18.44	--	--	0.53	9.09	9.75	--
HA-7	9/21/1994	18.44	--	--	0.47	9.39	9.40	--
HA-7	11/4/1994	18.44	--	--	0.51	9.15	9.67	--
HA-7	12/23/1994	18.44	--	--	0.19	4.07	14.51	--
HA-7	2/3/1995	18.44	--	--	0.40	3.94	14.80	--
HA-7	2/22/1995	18.44	--	--	0.48	4.75	14.05	--
HA-7	3/24/1995	18.44	--	--	0.45	5.30	13.48	--
HA-7	4/27/1995	18.44	--	--	0.50	5.85	12.97	--
HA-7	5/15/1995	18.44	--	--	0.55	6.44	12.41	--
HA-7	6/16/1995	18.44	--	--	0.58	7.16	11.72	--
HA-7	8/25/1995	18.44	--	--	0.42	7.72	11.04	--
HA-7	10/20/1995	18.44	--	--	0.40	7.45	11.29	--
HA-7	4/4/1996	18.44	--	--	0.63	5.38	13.53	--
HA-7	4/16/1996	18.44	--	--	0.62	5.17	13.74	--
HA-7	5/10/1996	18.44	--	--	0.64	4.89	14.03	--
HA-7	5/15/1996	18.44	--	--	0.63	4.62	14.29	--
HA-7	5/22/1996	18.44	--	--	0.86	6.35	12.74	--
HA-7	6/5/1996	18.44	--	--	0.72	6.92	12.06	--
HA-7	6/24/1996	18.44	--	--	0.67	7.72	11.22	--
HA-7	7/15/1996	18.44	--	--	0.57	8.32	10.55	--
HA-7	8/23/1996	18.44	--	--	0.55	8.90	9.95	--
HA-7	9/18/1996	18.44	--	--	0.57	9.19	9.68	--
HA-7	1/3/1997	18.44	--	--	0.66	3.67	15.27	--
HA-7	3/12/1997	18.44	--	--	0.83	5.86	13.20	--
HA-7	4/2/1997	18.44	--	--	0.78	6.17	12.86	--
HA-7	5/1/1997	18.44	--	--	0.83	6.58	12.48	--
HA-7	7/8/1997	18.44	--	--	0.06	5.67	12.82	--
HA-7	8/19/1997	18.44	--	--	--	7.62	10.82	--
HA-7	8/26/1997	18.44	--	--	0.05	7.93	10.55	--
HA-7	9/18/1997	18.44	--	--	0.06	8.70	9.79	--
HA-7	4/30/1998	18.44	--	--	0.08	6.07	12.43	--
HA-7	7/29/1999	18.44	--	--	--	6.82	11.62	--
HA-7	5/22/2000	18.44	--	--	--	6.18	12.26	--
HA-7	5/22/2001	18.44	--	--	--	6.74	11.70	--
HA-7	6/5/2002	18.44	--	--	--	6.11	12.33	--
HA-7	11/24/2002	21.60	--	--	--	7.25	14.35	14.35
HA-7	5/28/2003	21.60	--	--	sheen	7.08	14.52	--
HA-7	6/15/2004	21.60	--	--	--	7.83	13.77	--
HA-7	1/13/2005	21.60	--	--	--	5.70	15.90	15.90
HA-7	4/28/2005	21.60			Not Monitored			NM
HA-7	6/1/2005	21.60			Not Monitored			NM
HA-7	6/20/2005	21.60	--	--	--	5.71	15.89	--
HA-7	6/29/2005	21.60			Not Monitored			NM
HA-7	7/20/2005	21.60			Not Monitored			NM
HA-7	8/22/2005	21.60			Not Monitored			NM
HA-7	9/12/2005	21.60			Not Monitored			NM
HA-7	10/12/2005	21.60			Not Monitored			NM
HA-7	11/21/2005	21.60			Not Monitored			NM
HA-7	12/27/2005	21.60			Not Monitored			NM
HA-7	1/30/2006	21.60			Not Monitored			NM
HA-7	2/16/2006	21.60			Not Monitored			NM
HA-7	3/13/2006	21.60			Not Monitored			NM
HA-7	4/18/2006	21.60			Not Monitored			NM
HA-7	5/12/2006	21.60			Not Monitored			NM
HA-7	6/5/2006	21.60	--	--	--	5.28	16.32	--
HA-7	6/9/2006	21.60			Not Monitored			NM
HA-7	7/13/2006	21.60			Not Monitored			NM
HA-7	8/16/2006	21.60			Not Monitored			NM
HA-7	9/19/2006	21.60			Not Monitored			NM
HA-7	10/13/2006	21.60			Not Monitored			NM
HA-7	10/23/2006	21.60	--	--	--	7.86	13.74	--
HA-7	11/20/2006	21.60			Not Monitored			NM
HA-7	12/8/2006	21.60			Not Monitored			NM
HA-7	1/19/2007	21.60			Not Monitored			NM
HA-7	1/19/2007	21.60			Not Monitored			NM
HA-7	1/19/2007	21.60			Not Monitored			NM
HA-7	3/14/2007	21.60	--	--	--	4.47	17.13	--
HA-7	4/16/2007	21.60			Not Monitored			NM
HA-7	5/14/2007	21.60			Not Monitored			NM
HA-7	6/29/2007	21.60	--	--	--	7.35	14.25	14.25
HA-7	7/20/2007	21.60			Not Monitored			NM
HA-7	8/21/2007	21.60			Not Monitored			NM
HA-7	9/10/2007	21.60	--	--	--	8.78	12.82	NM
HA-7	10/22/2007	21.60			Not Monitored			NM
HA-7	11/28/2007	21.60	--	--	--	7.02	14.58	14.58
HA-7	12/13/2007	21.60			Not Monitored			NM
HA-7	1/21/2008	21.60	--	--	--	5.27	16.33	16.33
HA-7	2/24/2008	21.60	--	--	--	5.97	15.63	15.63
HA-7	3/24/2008	21.60	--	--	--	6.34	15.26	15.26
HA-7	6/2/2008	21.60	--	--	--	7.62	13.98	--
HA-7	8/25/2008	21.60	--	--	--	8.27	13.33	13.33
HA-7	2/18/2009	21.60			Not Monitored			NM
HA-7	8/25/2009	21.60			Not Monitored			NM
HA-7	3/22/2010	21.60	--	--	--	5.19	16.41	16.41
HA-7	8/23/2010	21.60	--	--	--	7.38	14.22	14.22
HA-7	2/7/2011	21.60	--	--	--	4.97	16.63	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-7	5/27/2011	21.60	--	--	--	5.97	15.63	--
HA-7	8/8/2011	21.60	--	--	--	7.91	13.69	--
HA-7	11/14/2011	21.60	--	--	--	7.68	13.92	--
HA-7	2/20/2012	21.60	--	--	--	5.31	16.29	--
HA-7	8/22/2012	21.60	--	--	--	7.36	14.24	--
HA-7	11/5/2012	21.60	--	--	--	7.19	14.41	--
HA-7	1/28/2013	21.60	--	--	--	4.54	17.06	--
HA-7	5/9/2013	21.60	--	--	--	6.02	15.58	--
HA-7	8/19/2013	21.60	--	--	--	8.41	13.19	--
HA-7	11/25/2013	21.60	--	--	--	6.39	15.21	--
HA-7	2/14/2014	21.60	--	--	--	5.23	16.37	--
HA-7	5/5/2014	21.60	--	--	--	4.74	16.86	--
HA-7	8/19/2014			Decomissioned Well				
HA-8	1/27/1993	18.88	--	--	--	4.60	14.28	--
HA-8	3/12/1993	18.88	--	--	--	6.79	12.09	--
HA-8	4/14/1993	18.88	--	--	--	5.20	13.68	--
HA-8	12/15/1993	18.88	--	--	--	7.18	11.70	--
HA-8	11/4/1994	18.88	--	--	--	8.85	10.03	--
HA-8	2/22/1995	18.88	--	--	--	4.03	14.85	--
HA-8	6/16/1995	18.88	--	--	--	7.13	11.75	--
HA-8	10/20/1995	18.88	--	--	--	7.09	11.79	--
HA-8	4/4/1996	18.88	--	--	--	5.32	13.56	--
HA-8	4/16/1996	18.88	--	--	--	5.18	13.70	--
HA-8	5/1/1997	18.88	--	--	--	5.01	13.87	--
HA-8	8/26/1997	18.88	--	--	--	7.99	10.89	--
HA-8	9/18/1997	18.88	--	--	--	6.90	11.98	--
HA-8	5/1/1998	18.88	--	--	--	6.25	12.63	--
HA-8	7/29/1999	18.88	--	--	--	7.93	10.95	--
HA-8	5/22/2000	18.88	--	--	--	6.10	12.78	--
HA-8	5/22/2001	18.88	--	--	--	6.65	12.23	--
HA-8	6/5/2002	18.88	--	--	--	6.54	12.34	--
HA-8	11/24/2002	21.97	--	--	--	7.40	14.57	14.57
HA-8	1/31/2003	21.97	--	--	--	4.04	17.93	17.93
HA-8	2/7/2003	21.97	--	--	--	4.16	17.81	17.81
HA-8	2/12/2003	21.97	--	--	--	4.71	17.26	17.26
HA-8	2/18/2003	21.97	--	--	--	4.99	16.98	16.98
HA-8	2/21/2003	21.97	--	--	--	5.16	16.81	16.81
HA-8	2/24/2003	21.97	--	--	--	5.21	16.76	16.76
HA-8	3/4/2003	21.97	--	--	--	5.89	16.08	16.08
HA-8	3/12/2003	21.97	--	--	--	5.36	16.61	16.61
HA-8	3/14/2003	21.97	5.21	16.76	0.01	5.22	16.76	16.77
HA-8	3/26/2003	21.97	--	--	--	4.74	17.23	17.23
HA-8	3/28/2003	21.97	--	--	--	5.21	16.76	16.76
HA-8	4/2/2003	21.97	--	--	--	5.25	16.72	16.72
HA-8	4/4/2003	21.97	--	--	--	5.57	16.40	16.40
HA-8	4/8/2003	21.97	--	--	--	5.57	16.40	16.40
HA-8	4/11/2003	21.97	--	--	--	5.77	16.20	16.20
HA-8	4/15/2003	21.97	--	--	--	5.41	16.56	16.56
HA-8	4/17/2003	21.97	--	--	--	5.91	16.06	16.06
HA-8	4/22/2003	21.97	--	--	--	6.07	15.90	15.90
HA-8	4/25/2003	21.97	--	--	--	6.37	15.60	15.60
HA-8	5/2/2003	21.97	--	--	--	6.44	15.53	15.53
HA-8	5/6/2003	21.97	--	--	--	6.62	15.35	15.35
HA-8	5/9/2003	21.97	--	--	--	6.92	15.05	15.05
HA-8	5/23/2003	21.97	--	--	--	7.38	14.59	14.59
HA-8	5/28/2003	21.97	--	--	--	7.34	14.63	14.63
HA-8	6/13/2003	21.97	--	--	--	7.66	14.31	14.31
HA-8	6/18/2003	21.97	--	--	--	7.60	14.37	14.37
HA-8	6/27/2003	21.97	--	--	--	7.65	14.32	14.32
HA-8	7/7/2003	21.97	--	--	--	8.51	13.46	13.46
HA-8	7/16/2003	21.97	--	--	--	8.24	13.73	13.73
HA-8	7/31/2003	21.97	--	--	--	8.61	13.36	13.36
HA-8	8/5/2003	21.97	--	--	--	9.62	12.35	12.35
HA-8	8/11/2003	21.97	--	--	--	9.70	12.27	12.27
HA-8	8/22/2003	21.97	10.02	11.95	0.01	10.03	11.95	11.96
HA-8	8/26/2003	21.97	--	--	--	8.99	12.98	12.98
HA-8	9/2/2003	21.97	--	--	--	9.02	12.95	12.95
HA-8	9/9/2003	21.97	9.51	12.46	0.01	9.52	12.46	12.47
HA-8	9/19/2003	21.97	10.40	11.57	0.10	10.50	11.55	11.62
HA-8	10/14/2003	21.97			Not Monitored			--
HA-8	11/20/2003	21.97	7.22	14.75	0.32	7.54	14.67	14.91
HA-8	12/3/2003	21.97	4.65	17.32	0.57	5.22	17.18	17.61
HA-8	1/19/2004	21.97	4.23	17.74	0.55	4.78	17.60	18.02
HA-8	2/24/2004	21.97	5.08	16.89	0.53	5.61	16.76	17.16
HA-8	3/15/2004	21.97	6.15	15.82	0.51	6.66	15.69	16.08
HA-8	4/19/2004	21.97	6.98	14.99	0.50	7.48	14.87	15.24
HA-8	5/17/2004	21.97	7.74	14.23	0.49	8.23	14.11	14.48
HA-8	6/15/2004	21.97	--	--	0.51	8.21	14.14	--
HA-8	6/22/2004	21.97	7.57	14.40	0.51	8.08	14.27	14.66
HA-8	8/18/2004	21.97	8.71	13.26	0.49	9.20	13.14	13.51
HA-8	9/21/2004	21.97	7.67	14.30	0.17	7.84	14.26	14.39
HA-8	10/19/2004	21.97	6.89	15.08	0.16	7.05	15.04	15.16
HA-8	11/23/2004	21.97	6.89	15.08	0.11	7.00	15.05	15.14
HA-8	12/21/2004	21.97	5.08	16.89	0.15	5.23	16.85	16.97
HA-8	1/13/2005	21.97	--	--	--	6.02	15.95	15.95
HA-8	4/28/2005	21.97	--	--	--	8.63	13.34	13.34
HA-8	6/1/2005	21.97	5.55	13.33	0.11	5.66	16.39	16.48
HA-8	6/20/2005	21.97	--	--	0.11	6.27	15.78	--
HA-8	6/29/2005	21.97	7.08	11.80	0.12	7.20	14.86	11.68
HA-8	7/20/2005	21.97	7.55	14.42	0.15	7.70	14.38	14.50
HA-8	8/22/2005	21.97	7.85	14.12	0.05	7.90	14.11	14.15
HA-8	9/12/2005	21.97			Dry			0.00
HA-8	10/12/2005	21.97	9.14	12.83	3.61	9.22	15.46	18.17
HA-8	11/21/2005	21.97	7.49	14.48	0.02	7.51	14.48	14.49
HA-8	12/27/2005	21.97	5.04	16.93	0.06	5.10	16.92	16.96
HA-8	1/30/2006	21.97	2.30	19.67	0.06	2.36	19.66	19.70
HA-8	2/16/2006	21.97	4.11	17.86	0.06	4.17	17.85	17.89
HA-8	3/13/2006	21.97	4.98	16.99	0.06	5.04	16.98	17.02
HA-8	4/18/2006	21.97	--	--	--	5.12	16.85	16.85
HA-8	5/12/2006	21.97	--	--	--	5.89	16.08	16.08

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-8	6/5/2006	21.97	--	--	0.06	5.38	16.64	--
HA-8	6/9/2006	21.97	--	--	--	5.40	16.57	16.57
HA-8	7/13/2006	21.97	--	--	--	6.80	15.17	15.17
HA-8	8/16/2006	21.97	--	--	--	7.80	14.17	14.17
HA-8	9/19/2006	21.97	--	--	--	8.54	13.43	13.43
HA-8	10/13/2006	21.97	--	--	--	8.20	13.77	13.77
HA-8	10/23/2006	21.97	--	--	0.02	8.26	13.73	--
HA-8	11/20/2006	21.97	3.85	18.12	0.03	3.88	18.11	18.14
HA-8	12/8/2006	21.97	3.65	18.32	0.02	3.67	18.32	18.33
HA-8	1/19/2007	21.97	3.22	18.75	0.04	3.24	18.76	18.79
HA-8	2/19/2007	21.97	5.28	16.69	0.03	5.31	16.68	16.71
HA-8	3/15/2007	21.97	4.18	17.79	0.02	4.20	17.79	17.80
HA-8	4/16/2007	21.97	4.88	17.09	0.03	4.91	17.08	17.11
HA-8	5/14/2007	21.97	6.60	15.37	0.05	6.65	15.36	15.40
HA-8	6/29/2007	21.97	--	--	--	7.72	14.25	14.25
HA-8	7/20/2007	21.97	--	--	--	8.13	13.84	13.84
HA-8	8/21/2007	21.97	--	--	--	8.88	13.09	13.09
HA-8	9/10/2007	21.97	--	--	--	8.98	12.99	12.99
HA-8	10/22/2007	21.97	--	--	--	7.83	14.14	14.14
HA-8	11/28/2007	21.97	--	--	--	6.72	15.25	15.25
HA-8	12/13/2007	21.97	--	--	--	5.80	16.17	16.17
HA-8	1/21/2008	21.97	--	--	--	5.76	16.21	16.21
HA-8	2/24/2008	21.97	--	--	--	6.29	15.68	15.68
HA-8	3/24/2008	21.97	--	--	--	6.41	15.56	15.56
HA-8	6/2/2008	21.97	--	--	--	7.64	14.33	--
HA-8	8/25/2008	21.97	--	--	--	8.34	13.63	13.63
HA-8	2/18/2009	21.97			Not Monitored			NM
HA-8	8/25/2009	21.97			Not Monitored			NM
HA-8	3/22/2010	21.97	--	--	--	5.80	16.17	16.17
HA-8	8/23/2010	21.97	--	--	--	8.13	13.84	13.84
HA-8	2/7/2011	21.97	--	--	--	4.94	17.03	--
HA-8	5/27/2011	21.97			Not Monitored			
HA-8	8/8/2011	21.97	--	--	--	8.00	13.97	--
HA-8	11/14/2011	21.97	--	--	--	7.72	14.25	--
HA-8	2/20/2012	21.97	--	--	--	5.13	16.84	--
HA-8	8/22/2012	21.97	--	--	--	7.73	14.24	--
HA-8	11/5/2012	21.97	--	--	--	6.80	15.17	--
HA-8	1/28/2013	21.97	--	--	--	4.90	17.07	--
HA-8	5/9/2013	21.97	--	--	--	6.08	15.89	--
HA-8	8/19/2013	21.97	--	--	--	8.50	13.47	--
HA-8	11/25/2013	21.97	--	--	--	6.29	15.68	--
HA-8	2/14/2014	21.97	--	--	--	5.35	16.62	--
HA-8	5/5/2014	21.97	--	--	--	4.43	17.54	--
HA-8	8/19/2014				Decomissioned Well			
HA-9	1/27/1993	19.40	--	--	--	7.00	12.40	--
HA-9	3/12/1993	19.40	--	--	--	7.95	11.45	--
HA-9	4/14/1993	19.40	--	--	--	7.74	11.66	--
HA-9	12/15/1993	19.40	--	--	--	7.82	11.58	--
HA-9	11/4/1994	19.40	--	--	--	9.75	9.65	--
HA-9	2/22/1995	19.40	--	--	--	7.61	11.79	--
HA-9	6/16/1995	19.40	--	--	--	8.17	11.23	--
HA-9	10/20/1995	19.40	--	--	--	8.08	11.32	--
HA-9	4/4/1996	19.40	--	--	--	7.30	12.10	--
HA-9	4/16/1996	19.40	--	--	--	7.28	12.12	--
HA-9	4/2/1997	19.40	--	--	--	7.76	11.64	--
HA-9	5/1/1997	19.40	--	--	--	7.78	11.62	--
HA-9	9/18/1997	19.40	--	--	--	7.95	11.45	--
HA-9	4/29/1998	19.40	--	--	--	7.99	11.41	--
HA-9	7/28/1999	19.40	--	--	--	8.23	11.17	--
HA-9	5/24/2000	19.40	--	--	--	9.25	10.15	--
HA-9	5/23/2001	19.40	--	--	--	7.92	11.48	--
HA-9	6/4/2002	19.40	--	--	--	8.01	11.39	--
HA-9	11/24/2002	21.32	--	--	--	8.20	13.12	13.12
HA-9	5/28/2003	21.32	--	--	sheen	8.05	13.27	--
HA-9	6/17/2004	21.32	--	--	--	8.18	13.14	--
HA-9	6/20/2005	21.32	--	--	--	7.98	13.34	--
HA-9	6/5/2006	21.32	--	--	--	7.62	13.70	--
HA-9	10/23/2006	21.32	--	--	--	8.32	13.00	--
HA-9	3/14/2007	21.32	--	--	--	6.08	15.24	--
HA-9	6/29/2007	21.32	--	--	--	7.04	14.28	14.28
HA-9	7/20/2007	21.32			Not Monitored			NM
HA-9	8/21/2007	21.32			Not Monitored			NM
HA-9	9/10/2007	21.32	--	--	--	7.13	14.19	--
HA-9	10/22/2007	21.32			Not Monitored			NM
HA-9	11/28/2007	21.32			Not Monitored			NM
HA-9	12/13/2007	21.32	--	--	--	6.66	14.66	14.66
HA-9	1/21/2008	21.32	--	--	--	6.35	14.97	14.97
HA-9	2/24/2008	21.32	--	--	--	6.67	14.65	14.65
HA-9	3/24/2008	21.32	--	--	--	6.62	14.70	14.70
HA-9	6/2/2008	21.32	--	--	--	6.90	14.42	--
HA-9	8/25/2008	21.32	--	--	--	7.08	14.24	14.24
HA-9	2/18/2009	21.32			Not Monitored			NM
HA-9	8/25/2009	21.32			Not Monitored			NM
HA-9	3/22/2010	21.32	--	--	--	6.14	15.18	15.18
HA-9	8/23/2010	21.32	--	--	--	7.17	14.15	14.15
HA-9	2/7/2011	21.32	--	--	--	6.03	15.29	--
HA-9	5/27/2011	21.32	--	--	--	7.01	14.31	--
HA-9	8/8/2011	21.32	--	--	--	7.16	14.16	--
HA-9	11/14/2011	21.32	--	--	--	6.96	14.36	--
HA-9	2/20/2012	21.32	--	--	--	6.15	15.17	--
HA-9	8/22/2012	21.32	--	--	--	7.15	14.17	--
HA-9	11/5/2012	21.32	--	--	--	6.50	14.82	--
HA-9	1/28/2013	21.32	--	--	--	4.77	16.55	--
HA-9	5/9/2013	21.32	--	--	--	6.67	14.65	--
HA-9	8/19/2013	21.32	--	--	--	7.24	14.08	--
HA-9	11/25/2013	21.32	--	--	--	6.59	14.73	--
HA-9	2/14/2014	21.32	DRY				21.32	--
HA-9	5/5/2014	21.32	--	--	--	5.34	15.98	--
HA-9	8/19/2014	21.32	--	--	--	7.09	14.23	--
HA-9	11/21/2014	21.32	--	--	--	6.26	15.06	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-10	1/27/1993	19.40	--	--	--	6.88	12.52	--
HA-10	3/12/1993	19.40	--	--	--	8.94	10.46	--
HA-10	4/14/1993	19.40	--	--	--	8.73	10.67	--
HA-10	12/15/1993	19.40	--	--	--	8.05	11.35	--
HA-10	2/22/1995	19.40	--	--	--	8.14	11.26	--
HA-10	6/16/1995	19.40	--	--	--	9.18	10.22	--
HA-10	10/20/1995	19.40	--	--	--	7.83	11.57	--
HA-10	4/4/1996	19.40	--	--	--	7.67	11.73	--
HA-10	4/16/1996	19.40	--	--	--	7.29	12.11	--
HA-10	7/15/1996	19.40	--	--	--	9.40	10.00	--
HA-10	4/2/1997	19.40	--	--	--	8.74	10.66	--
HA-10	5/1/1997	19.40	--	--	--	8.26	11.14	--
HA-10	5/23/2001	19.40	--	--	--	8.86	10.54	--
HA-10	6/6/2002	19.40	--	--	--	9.80	9.60	--
HA-10	11/24/2002	21.15	--	--	--	8.49	12.66	12.66
HA-10	5/27/2003	21.15	--	--	--	9.31	11.84	--
HA-10	6/17/2004	21.15	--	--	--	9.17	11.98	--
HA-10	6/21/2005	21.15	--	--	--	8.58	12.57	--
HA-10	6/5/2006	21.15	--	--	--	7.84	13.31	--
HA-10	10/23/2006	21.15	--	--	--	9.09	12.06	--
HA-10	3/14/2007	21.15	--	--	--	6.21	14.94	--
HA-10	6/29/2007	21.15	--	--	--	7.79	13.36	13.36
HA-10	7/20/2007	21.15			Not Monitored			NM
HA-10	8/21/2007	21.15			Not Monitored			NM
HA-10	9/10/2007	21.15	--	--	--	8.20	12.95	NM
HA-10	10/22/2007	21.15			Not Monitored			NM
HA-10	11/28/2007	21.15	--	--	--	7.50	13.65	13.65
HA-10	12/13/2007	21.15	--	--	--	7.35	13.80	13.80
HA-10	1/21/2008	21.15	--	--	--	6.79	14.36	14.36
HA-10	2/24/2008	21.15	--	--	--	6.70	14.45	14.45
HA-10	3/24/2008	21.15	--	--	--	7.21	13.94	13.94
HA-10	6/2/2008	21.15	--	--	--	7.85	13.30	13.30
HA-10	8/25/2008	21.15	--	--	--	6.51	14.64	14.64
HA-10	2/18/2009	21.15			Not Monitored			NM
HA-10	8/25/2009	21.15			Not Monitored			NM
HA-10	3/22/2010	21.15	--	--	--	6.32	14.83	14.83
HA-10	8/23/2010	21.15	--	--	--	7.55	13.60	13.60
HA-10	2/7/2011	21.15	--	--	--	7.11	14.04	--
HA-10	5/27/2011	21.15	--	--	--	6.97	14.18	--
HA-10	8/8/2011	21.15	--	--	--	8.07	13.08	--
HA-10	2/20/2012	21.15	--	--	--	6.92	14.23	--
HA-10	8/22/2012	21.15	--	--	--	8.03	13.12	--
HA-10	11/5/2012	21.15	--	--	--	5.61	15.54	--
HA-10	1/28/2013	21.15	--	--	--	5.56	15.59	--
HA-10	5/9/2013	21.15	--	--	--	7.48	13.67	--
HA-10	8/19/2013	21.15	--	--	--	8.31	12.84	--
HA-10	11/25/2013	21.15	--	--	--	7.43	13.72	--
HA-10	2/14/2014	21.15	--	--	--	5.65	15.50	--
HA-10	5/5/2014	21.15	--	--	--	5.41	15.74	--
HA-10	8/19/2014	21.15	--	--	--	7.62	13.53	--
HA-11	1/27/1993	18.51	--	--	--	5.80	12.71	--
HA-11	3/12/1993	18.51	--	--	--	7.97	10.54	--
HA-11	4/14/1993	18.51	--	--	--	7.33	11.18	--
HA-11	12/15/1993	18.51	--	--	--	7.18	11.33	--
HA-11	11/4/1994	18.51	--	--	--	9.77	8.74	--
HA-11	2/22/1995	18.51	--	--	--	7.49	11.02	--
HA-11	6/16/1995	18.51	--	--	--	8.25	10.26	--
HA-11	10/20/1995	18.51	--	--	--	7.62	10.89	--
HA-11	4/4/1996	18.51	--	--	--	6.95	11.56	--
HA-11	4/16/1996	18.51	--	--	--	6.60	11.91	--
HA-11	4/2/1997	18.51	--	--	--	7.95	10.56	--
HA-11	5/1/1997	18.51	--	--	--	7.96	10.55	--
HA-11	4/29/1998	18.51	--	--	--	7.89	10.62	--
HA-11	7/28/1999	18.51	--	--	--	8.08	10.43	--
HA-11	5/24/2000	18.51	--	--	--	7.75	10.76	--
HA-11	5/23/2001	18.51	--	--	--	8.40	10.11	--
HA-11	6/4/2002	18.51	--	--	--	7.77	10.74	--
HA-11	11/24/2002	20.69	--	--	--	8.33	12.36	12.36
HA-11	5/27/2003	20.69	--	--	--	8.33	12.36	--
HA-11	6/21/2005	20.69	--	--	--	7.85	12.84	--
HA-11	6/5/2006	20.69	--	--	--	7.57	13.12	--
HA-11	10/23/2006	20.69	--	--	--	8.60	12.09	--
HA-11	3/14/2007	20.69	--	--	--	6.21	14.48	--
HA-11	6/29/2007	20.69	--	--	--	7.64	13.05	13.05
HA-11	7/20/2007	20.69			Not Monitored			NM
HA-11	8/21/2007	20.69			Not Monitored			NM
HA-11	9/10/2007	20.69	--	--	--	8.18	12.51	NM
HA-11	10/22/2007	20.69			Not Monitored			NM
HA-11	11/28/2007	20.69	--	--	--	7.41	13.28	13.28
HA-11	12/13/2007	20.69	--	--	--	3.94	16.75	16.75
HA-11	1/21/2008	20.69	--	--	--	6.69	14.00	14.00
HA-11	2/24/2008	20.69	--	--	--	6.83	13.86	13.86
HA-11	3/24/2008	20.69	--	--	--	7.06	13.63	13.63
HA-11	6/2/2008	20.69	--	--	--	7.58	13.11	--
HA-11	8/25/2008	20.69	--	--	--	8.09	12.60	12.60
HA-11	2/18/2009	20.69			Not Monitored			NM
HA-11	8/25/2009	20.69			Not Monitored			NM
HA-11	3/22/2010	20.69	--	--	--	6.55	14.14	14.14
HA-11	8/23/2010	20.69	--	--	--	7.22	13.47	13.47
HA-11	2/7/2011	20.69	--	--	--	6.99	13.70	--
HA-11	5/27/2011	20.69	--	--	--	7.24	13.45	--
HA-11	8/8/2011	20.69			Dry			
HA-11	11/14/2011	20.69	--	--	--	8.72	11.97	--
HA-11	2/20/2012	20.69	--	--	--	6.75	13.94	--
HA-11	8/22/2012	20.69	--	--	--	7.80	12.89	--
HA-11	11/5/2012	20.69	--	--	--	7.03	13.66	--
HA-11	1/28/2013	20.69	--	--	--	6.38	14.31	--
HA-11	5/9/2013	20.69	--	--	--	7.62	13.07	--
HA-11	8/19/2013	20.69	--	--	--	8.06	12.63	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-11	11/25/2013	20.69	--	--	--	7.05	13.64	--
HA-11	2/14/2014	20.69	--	--	--	6.45	14.24	--
HA-11	5/5/2014	20.69	--	--	--	6.17	14.52	--
HA-11	8/19/2014	20.69	--	--	--	7.83	12.86	--
HA-11	11/21/2014	20.69			DRY			
HA-12	1/27/1993	19.91	--	--	--	4.01	15.90	--
HA-12	3/12/1993	19.91	--	--	--	7.36	12.55	--
HA-12	4/14/1993	19.91	--	--	--	5.92	13.99	--
HA-12	12/15/1993	19.91	--	--	--	7.02	12.89	--
HA-12	11/4/1994	19.91	--	--	--	9.06	10.85	--
HA-12	2/22/1995	19.91	--	--	--	3.80	16.11	--
HA-12	6/16/1995	19.91	--	--	--	7.40	12.51	--
HA-12	10/20/1995	19.91	--	--	--	7.40	12.51	--
HA-12	4/4/1996	19.91	--	--	--	5.65	14.26	--
HA-12	4/16/1996	19.91	--	--	--	5.26	14.65	--
HA-12	5/1/1997	19.91	--	--	--	6.13	13.78	--
HA-12	8/26/1997	19.91	--	--	--	8.58	11.33	--
HA-12	9/18/1997	19.91	--	--	--	8.70	11.21	--
HA-12	5/1/1998	19.91	--	--	--	6.65	13.26	--
HA-12	7/29/1999	19.91	--	--	--	7.46	12.45	--
HA-12	5/22/2000	19.91	--	--	--	7.63	12.28	--
HA-12	5/22/2001	19.91	--	--	--	7.29	12.62	--
HA-12	6/5/2002	19.91	--	--	--	7.06	12.85	--
HA-12	11/24/2002	22.47	--	--	--	7.43	15.04	15.04
HA-12	5/28/2003	22.47	--	--	--	7.84	14.63	--
HA-12	6/16/2004	22.47	--	--	--	8.43	14.04	--
HA-12	6/21/2005	22.47	--	--	--	6.67	15.80	--
HA-12	6/5/2006	22.47	--	--	--	5.91	16.56	--
HA-12	10/23/2006	22.47	--	--	--	8.71	13.76	--
HA-12	3/14/2007	22.47	--	--	--	5.11	17.36	--
HA-12	6/29/2007	22.47	--	--	--	8.07	14.40	14.40
HA-12	7/20/2007	22.47			Not Monitored			NM
HA-12	8/21/2007	22.47			Not Monitored			NM
HA-12	9/10/2007	22.47	--	--	--	9.38	13.09	NM
HA-12	10/22/2007	22.47			Not Monitored			NM
HA-12	11/28/2007	22.47	--	--	--	7.50	14.97	14.97
HA-12	12/13/2007	22.47			Not Monitored			NM
HA-12	1/21/2008	22.47	--	--	--	4.09	18.38	18.38
HA-12	2/24/2008	22.47	--	--	--	6.81	15.66	15.66
HA-12	3/24/2008	22.47	--	--	--	6.87	15.60	15.60
HA-12	6/2/2008	22.47	--	--	--	8.14	14.33	--
HA-12	8/25/2008	22.47	--	--	--	8.67	13.80	13.80
HA-12	2/18/2009	22.47			Not Monitored			NM
HA-12	8/25/2009	22.47	--	--	--	8.67	13.80	NM
HA-12	3/22/2010	22.47	--	--	--	6.00	16.47	16.47
HA-12	8/23/2010	22.47			Dry			0.00
HA-12	2/7/2011	22.47	--	--	--	5.46	17.01	--
HA-12	5/27/2011	22.47	--	--	--	6.34	16.13	--
HA-12	8/8/2011	22.47	--	--	--	8.39	14.08	--
HA-12	11/14/2011	22.47	--	--	--	8.05	14.42	--
HA-12	2/20/2012	22.47	--	--	--	5.20	17.27	--
HA-12	8/22/2012	22.47	--	--	--	Dry	--	--
HA-12	11/5/2012	22.47	--	--	--	6.02	16.45	--
HA-12	1/28/2013	22.47	--	--	--	5.32	17.15	--
HA-12	5/9/2013	22.47	--	--	--	6.68	15.79	--
HA-12	8/19/2013	22.47	--	--	--	8.02	14.45	--
HA-12	11/25/2013	22.47	--	--	--	6.83	15.64	--
HA-12	2/14/2014	22.47	--	--	--	5.63	16.84	--
HA-12	5/5/2014	22.47	--	--	--	5.32	17.15	--
HA-12	8/19/2014	22.47	--	--	--	Dry	--	--
HA-13	1/27/1993	19.56	--	--	--	5.32	14.24	--
HA-13	3/12/1993	19.56	--	--	--	8.23	11.33	--
HA-13	4/14/1993	19.56	--	--	--	7.08	12.48	--
HA-13	12/15/1993	19.56	--	--	--	6.34	13.22	--
HA-13	11/4/1994	19.56	--	--	--	8.93	10.63	--
HA-13	2/22/1995	19.56	--	--	--	4.54	15.02	--
HA-13	6/16/1995	19.56	--	--	--	8.83	10.73	--
HA-13	10/20/1995	19.56	--	--	--	8.23	11.33	--
HA-13	4/4/1996	19.56	--	--	--	7.06	12.50	--
HA-13	4/16/1996	19.56	--	--	--	7.31	12.25	--
HA-13	5/1/1997	19.56	--	--	--	7.01	12.55	--
HA-13	9/18/1997	19.56	--	--	--	6.93	12.63	--
HA-13	4/30/1998	19.56	--	--	--	8.26	11.30	--
HA-13	7/28/1999	19.56	--	--	--	8.62	10.94	--
HA-13	5/22/2000	19.56	--	--	--	8.45	11.11	--
HA-13	5/22/2001	19.56	--	--	--	8.20	11.36	--
HA-13	6/4/2002	19.56	--	--	--	8.41	11.15	--
HA-13	11/24/2002	22.73	--	--	--	8.60	14.13	14.13
HA-13	1/17/2003	22.73	--	--	--	6.30	16.43	16.43
HA-13	1/31/2003	22.73	--	--	--	4.49	18.24	18.24
HA-13	2/7/2003	22.73	--	--	--	6.27	16.46	16.46
HA-13	2/12/2003	22.73	--	--	--	6.78	15.95	15.95
HA-13	2/18/2003	22.73	--	--	--	7.13	15.60	15.60
HA-13	2/21/2003	22.73	--	--	--	6.99	15.74	15.74
HA-13	2/24/2003	22.73	--	--	--	6.98	15.75	15.75
HA-13	3/4/2003	22.73	--	--	--	7.49	15.24	15.24
HA-13	3/12/2003	22.73	--	--	--	6.48	16.25	16.25
HA-13	3/14/2003	22.73	--	--	--	5.16	17.57	17.57
HA-13	3/26/2003	22.73	--	--	--	5.65	17.08	17.08
HA-13	3/28/2003	22.73	--	--	--	6.34	16.39	16.39
HA-13	4/2/2003	22.73	--	--	--	6.74	15.99	15.99
HA-13	4/4/2003	22.73	--	--	--	7.08	15.65	15.65
HA-13	4/8/2003	22.73	--	--	--	7.17	15.56	15.56
HA-13	4/11/2003	22.73	--	--	--	7.31	15.42	15.42
HA-13	4/15/2003	22.73	--	--	--	6.93	15.80	15.80
HA-13	4/17/2003	22.73	--	--	--	7.32	15.41	15.41
HA-13	4/22/2003	22.73	--	--	--	7.52	15.21	15.21
HA-13	4/25/2003	22.73	--	--	--	7.81	14.92	14.92
HA-13	5/2/2003	22.73	--	--	--	8.04	14.69	14.69

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-13	5/6/2003	22.73	--	--	--	8.13	14.60	14.60
HA-13	5/9/2003	22.73	--	--	--	8.36	14.37	14.37
HA-13	5/23/2003	22.73	--	--	--	8.93	13.80	13.80
HA-13	5/27/2003	22.73	--	--	--	8.89	13.84	--
HA-13	5/28/2003	22.73	--	--	--	8.98	13.75	13.75
HA-13	6/13/2003	22.73	--	--	--	6.08	16.65	16.65
HA-13	6/18/2003	22.73	--	--	--	9.12	13.61	13.61
HA-13	6/27/2003	22.73	--	--	--	9.07	13.66	13.66
HA-13	7/7/2003	22.73	--	--	--	9.55	13.18	13.18
HA-13	7/16/2003	22.73	--	--	--	9.42	13.31	13.31
HA-13	7/31/2003	22.73	--	--	--	9.59	13.14	13.14
HA-13	8/5/2003	22.73	--	--	--	9.63	13.10	13.10
HA-13	8/11/2003	22.73	--	--	--	10.75	11.98	11.98
HA-13	8/22/2003	22.73	--	--	--	11.26	11.47	11.47
HA-13	8/26/2003	22.73	--	--	--	9.87	12.86	12.86
HA-13	9/2/2003	22.73	--	--	--	10.31	12.42	12.42
HA-13	9/9/2003	22.73	--	--	--	10.46	12.27	12.27
HA-13	9/19/2003	22.73	--	--	--	10.46	12.27	12.27
HA-13	10/14/2003	22.73			Not Monitored			--
HA-13	11/20/2003	22.73	--	--	--	5.70	17.03	17.03
HA-13	12/3/2003	22.73	--	--	--	5.91	16.82	16.82
HA-13	1/19/2004	22.73	--	--	--	5.91	16.82	16.82
HA-13	2/24/2004	22.73	--	--	--	6.92	15.81	15.81
HA-13	3/15/2004	22.73	--	--	--	7.81	14.92	14.92
HA-13	4/19/2004	22.73	--	--	--	8.56	14.17	14.17
HA-13	5/17/2004	22.73	--	--	--	9.07	13.66	13.66
HA-13	6/16/2004	22.73	--	--	--	7.99	14.74	--
HA-13	6/22/2004	22.73	--	--	--	8.98	13.75	13.75
HA-13	8/18/2004	22.73	'--	--	--	9.79	12.94	12.94
HA-13	9/21/2004	22.73	--	--	--	8.64	14.09	14.09
HA-13	10/19/2004	22.73	--	--	--	8.16	14.57	14.57
HA-13	11/23/2004	22.73	--	--	--	8.62	14.11	14.11
HA-13	12/21/2004	22.73	--	--	--	6.84	15.89	15.89
HA-13	1/13/2005	22.73	--	--	--	7.80	14.93	14.93
HA-13	4/28/2005	22.73	--	--	--	7.07	15.66	15.66
HA-13	6/1/2005	22.73	--	--	--	7.83	14.90	14.90
HA-13	6/21/2005	22.73	--	--	--	8.34	14.39	--
HA-13	6/29/2005	22.73	--	--	--	8.77	13.96	13.96
HA-13	7/20/2005	22.73	--	--	--	9.05	13.68	13.68
HA-13	8/22/2005	22.73	--	--	--	9.28	13.45	13.45
HA-13	9/12/2005	22.73	--	--	--	9.61	13.12	13.12
HA-13	10/12/2005	22.73	--	--	--	9.96	12.77	12.77
HA-13	11/21/2005	22.73	--	--	--	7.78	14.95	14.95
HA-13	12/27/2005	22.73	--	--	--	5.36	17.37	17.37
HA-13	1/30/2006	22.73	--	--	--	3.60	19.13	19.13
HA-13	2/16/2006	22.73	--	--	--	6.05	16.68	16.68
HA-13	3/13/2006	22.73	--	--	--	7.26	15.47	15.47
HA-13	4/18/2006	22.73	--	--	--	7.70	15.03	15.03
HA-13	5/12/2006	22.73	--	--	--	8.21	14.52	14.52
HA-13	6/5/2006	22.73	--	--	--	7.74	14.99	--
HA-13	6/9/2006	22.73	--	--	--	7.80	14.93	14.93
HA-13	7/13/2006	22.73	--	--	--	8.82	13.91	13.91
HA-13	8/16/2006	22.73	--	--	--	9.84	12.89	12.89
HA-13	9/19/2006	22.73	--	--	--	9.70	13.03	13.03
HA-13	10/13/2006	22.73	--	--	--	9.46	13.27	13.27
HA-13	10/23/2006	22.73	--	--	--	9.45	13.28	--
HA-13	11/20/2006	22.73	--	--	--	4.85	17.88	17.88
HA-13	12/8/2006	22.73	--	--	--	5.67	17.06	17.06
HA-13	1/19/2007	22.73	--	--	--	5.08	17.65	17.65
HA-13	2/19/2007	22.73	--	--	--	7.39	15.34	15.34
HA-13	3/14/2007	22.73	--	--	--	6.28	16.45	--
HA-13	3/15/2007	22.73	--	--	--	6.36	16.37	16.37
HA-13	4/16/2007	22.73	--	--	--	7.18	15.55	15.55
HA-13	5/14/2007	22.73	--	--	--	8.40	14.33	14.33
HA-13	6/29/2007	22.73	--	--	--	9.26	13.47	13.47
HA-13	7/20/2007	22.73	--	--	--	9.51	13.22	13.22
HA-13	8/21/2007	22.73	--	--	--	9.89	12.84	12.84
HA-13	9/10/2007	22.73	--	--	--	9.91	12.82	12.82
HA-13	10/22/2007	22.73	--	--	--	8.11	14.62	14.62
HA-13	11/28/2007	22.73	--	--	--	8.22	14.51	14.51
HA-13	12/13/2007	22.73	6.32	16.41	0.01	6.33	16.41	16.42
HA-13	1/21/2008	22.73	--	--	--	6.83	15.90	15.90
HA-13	2/24/2008	22.73	--	--	--	7.55	15.18	15.18
HA-13	3/24/2008	22.73	--	--	--	7.89	14.84	14.84
HA-13	6/2/2008	22.73	--	--	--	9.03	13.70	--
HA-13	8/25/2008	22.73	--	--	--	9.29	13.44	13.44
HA-13	2/18/2009	22.73			Not Monitored			NM
HA-13	8/25/2009	22.73			Not Monitored			NM
HA-13	3/22/2010	22.73	--	--	--	7.52	15.21	15.21
HA-13	8/23/2010	22.73	--	--	--	9.35	13.38	13.38
HA-13	2/7/2011	22.73	--	--	--	6.48	16.25	--
HA-13	5/27/2011	22.73	--	--	--	7.55	15.18	--
HA-13	8/8/2011	22.73	--	--	--	9.21	13.52	--
HA-13	11/14/2011	22.73	--	--	--	8.69	14.04	--
HA-13	2/20/2012	22.73	--	--	--	5.17	17.56	--
HA-13	8/22/2012	22.73	--	--	--	9.11	13.62	--
HA-13	11/5/2012	22.73	--	--	--	4.28	18.45	--
HA-13	1/28/2013	22.73	--	--	--	6.19	16.54	--
HA-13	5/9/2013	22.73	--	--	--	7.57	15.16	--
HA-13	8/19/2013	22.73	--	--	--	9.51	13.22	--
HA-13	11/25/2013	22.73	--	--	--	7.19	15.54	--
HA-13	2/14/2014	22.73	--	--	--	5.07	17.66	--
HA-13	5/5/2014	22.73	--	--	--	4.48	18.25	--
HA-13	8/19/2014	22.73	--	--	--	9.33	13.40	--
HA-13	11/21/2014	22.73	--	--	--	7.26	15.47	--
HA-14	1/27/1993	20.02	--	--	--	6.10	13.92	--
HA-14	3/12/1993	20.02	--	--	--	8.80	11.22	--
HA-14	4/14/1993	20.02	--	--	--	7.04	12.98	--
HA-14	12/15/1993	20.02	--	--	--	8.56	11.46	--
HA-14	11/4/1994	20.02	--	--	--	8.35	11.67	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-14	2/22/1995	20.02	--	--	--	5.10	14.92	--
HA-14	6/16/1995	20.02	--	--	--	9.51	10.51	--
HA-14	10/20/1995	20.02	--	--	--	8.77	11.25	--
HA-14	4/4/1996	20.02	--	--	--	7.52	12.50	--
HA-14	4/16/1996	20.02	--	--	--	6.01	14.01	--
HA-14	5/1/1997	20.02	--	--	--	6.92	13.10	--
HA-14	9/18/1997	20.02	--	--	--	8.17	11.85	--
HA-14	4/30/1998	20.02	--	--	--	9.05	10.97	--
HA-14	7/29/1999	20.02	--	--	--	9.49	10.53	--
HA-14	5/22/2000	20.02	--	--	--	9.22	10.80	--
HA-14	5/22/2001	20.02	--	--	--	9.03	10.99	--
HA-14	6/4/2002	20.02	--	--	--	8.41	11.61	--
HA-14	11/24/2002	23.47	--	--	--	9.67	13.80	13.80
HA-14	5/27/2003	23.47	--	--	--	9.48	13.99	--
HA-14	6/16/2004	23.47	--	--	--	9.69	13.78	--
HA-14	9/21/2004	23.47	--	--	--	9.24	14.23	14.23
HA-14	6/1/2005	23.47	--	--	--	8.68	14.79	14.79
HA-14	6/21/2005	23.47	--	--	--	9.15	14.32	--
HA-14	6/29/2005	23.47	--	--	--	9.32	14.15	14.15
HA-14	7/20/2005	23.47	--	--	--	9.63	13.84	10.39
HA-14	8/22/2005	23.47	--	--	--	10.50	12.97	13.21
HA-14	9/12/2005	23.47			Not Monitored			NM
HA-14	10/12/2005	23.47			Not Monitored			NM
HA-14	11/21/2005	23.47			Not Monitored			NM
HA-14	12/27/2005	23.47			Not Monitored			NM
HA-14	1/30/2006	23.47			Not Monitored			NM
HA-14	2/16/2006	23.47			Not Monitored			NM
HA-14	3/13/2006	23.47			Not Monitored			NM
HA-14	4/18/2006	23.47			Not Monitored			NM
HA-14	5/12/2006	23.47			Not Monitored			NM
HA-14	6/5/2006	23.47	--	--	--	7.96	15.51	--
HA-14	6/9/2006	23.47			Not Monitored			NM
HA-14	7/13/2006	23.47			Not Monitored			NM
HA-14	8/16/2006	23.47			Not Monitored			NM
HA-14	9/19/2006	23.47			Not Monitored			NM
HA-14	10/13/2006	23.47	--	--	--	10.26	13.21	13.21
HA-14	10/23/2006	23.47	--	--	--	10.18	13.29	--
HA-14	11/20/2006	23.47	--	--	--	9.27	14.20	14.20
HA-14	12/8/2006	23.47	--	--	--	5.12	18.35	18.35
HA-14	1/19/2007	23.47	--	--	--	5.01	18.46	18.46
HA-14	2/19/2007	23.47	--	--	--	8.00	15.47	15.47
HA-14	3/14/2007	23.47	--	--	--	7.13	16.34	--
HA-14	3/15/2007	23.47	--	--	--	6.85	16.62	16.62
HA-14	4/16/2007	23.47	--	--	--	7.87	15.60	15.60
HA-14	5/14/2007	23.47	--	--	--	9.10	14.37	14.37
HA-14	6/29/2007	23.47	--	--	--	8.70	14.77	14.77
HA-14	7/20/2007	23.47	--	--	--	10.08	13.39	13.39
HA-14	8/21/2007	23.47	--	--	--	10.12	13.35	13.35
HA-14	9/10/2007	23.47	--	--	--	10.41	13.06	13.06
HA-14	10/22/2007	23.47	--	--	--	8.76	14.71	14.71
HA-14	11/28/2007	23.47	--	--	--	6.79	16.68	16.68
HA-14	12/13/2007	23.47	7.72	15.75	0.07	7.79	15.73	15.79
HA-14	1/21/2008	23.47	--	--	--	6.54	16.93	16.93
HA-14	2/24/2008	23.47	--	--	--	8.21	15.26	15.26
HA-14	3/24/2008	23.47	--	--	--	8.61	14.86	14.86
HA-14	6/2/2008	23.47	--	--	--	9.68	13.79	--
HA-14	8/25/2008	23.47	--	--	--	8.67	14.80	14.80
HA-14	2/18/2009	23.47			Not Monitored			NM
HA-14	8/25/2009	23.47	--	--	--	10.41	13.06	NM
HA-14	3/22/2010	23.47	--	--	--	8.15	15.32	15.32
HA-14	8/23/2010	23.47	--	--	--	9.94	13.53	13.53
HA-14	2/7/2011	23.47	--	--	--	7.35	16.12	--
HA-14	5/27/2011	23.47	--	--	--	8.28	15.19	--
HA-14	8/8/2011	23.47	--	--	--	9.89	13.58	--
HA-14	11/14/2011	23.47	--	--	--	10.31	13.16	--
HA-14	2/20/2012	23.47	--	--	--	6.90	16.57	--
HA-14	8/22/2012	23.47	--	--	--	9.83	13.64	--
HA-14	11/5/2012	23.47			DRY			
HA-14	1/28/2013	23.47	--	--	--	7.34	16.13	--
HA-14	5/9/2013	23.47	--	--	--	8.22	15.25	--
HA-14	8/19/2013	23.47	--	--	--	10.15	13.32	--
HA-14	11/25/2013	23.47	--	--	--	8.16	15.31	--
HA-14	2/14/2014	23.47	--	--	--	7.90	15.57	--
HA-14	5/5/2014	23.47	--	--	--	6.91	16.56	--
HA-14	8/19/2014	23.47	--	--	--	9.17	14.30	--
HA-14	11/21/2014	23.47	--	--	--	8.11	15.36	--
HA-15	1/31/2003	22.87	--	--	--	5.56	17.31	--
HA-15	2/7/2003	22.87	--	--	--	5.31	17.56	17.31
HA-15	2/12/2003	22.87	--	--	--	5.64	17.23	17.56
HA-15	2/18/2003	22.87	--	--	--	6.09	16.78	17.23
HA-15	2/21/2003	22.87	--	--	--	7.92	14.95	14.95
HA-15	2/24/2003	22.87	--	--	--	6.04	16.83	16.83
HA-15	3/4/2003	22.87	--	--	--	6.62	16.25	16.25
HA-15	3/12/2003	22.87	--	--	--	6.02	16.85	16.85
HA-15	3/26/2003	22.87	--	--	--	5.46	17.41	17.41
HA-15	3/28/2003	22.87	--	--	--	5.96	16.91	16.91
HA-15	4/2/2003	22.87	--	--	--	5.91	16.96	16.96
HA-15	4/4/2003	22.87	--	--	--	6.22	16.65	16.65
HA-15	4/8/2003	22.87	--	--	--	6.42	16.45	16.45
HA-15	4/11/2003	22.87	--	--	--	6.63	16.24	16.24
HA-15	4/15/2003	22.87	--	--	--	6.28	16.59	16.59
HA-15	4/17/2003	22.87	--	--	--	6.49	16.38	16.38
HA-15	4/22/2003	22.87	--	--	--	6.66	16.21	16.21
HA-15	4/25/2003	22.87	--	--	--	7.07	15.80	15.80
HA-15	5/2/2003	22.87	--	--	--	7.06	15.81	15.81
HA-15	5/6/2003	22.87	--	--	--	7.32	15.55	15.55
HA-15	5/9/2003	22.87	--	--	--	7.52	15.35	15.35
HA-15	5/23/2003	22.87	--	--	--	7.83	15.04	15.04
HA-15	5/28/2003	22.87			DRY			Dry
HA-15	6/13/2003	22.87			DRY			Dry

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-15	6/18/2003	22.87			DRY			Dry
HA-15	6/27/2003	22.87			DRY			Dry
HA-15	7/7/2003	22.87			DRY			Dry
HA-15	7/16/2003	22.87			DRY			Dry
HA-15	7/31/2003	22.87			DRY			Dry
HA-15	8/5/2003	22.87			DRY			Dry
HA-15	8/11/2003	22.87			DRY			Dry
HA-15	8/22/2003	22.87			DRY			Dry
HA-15	8/26/2003	22.87			DRY			Dry
HA-15	9/2/2003	22.87			DRY			Dry
HA-15	9/9/2003	22.87			DRY			Dry
HA-15	9/19/2003	22.87			DRY			Dry
HA-15	10/14/2003	22.87			DRY			Dry
HA-15	11/20/2003	22.87			DRY			Dry
HA-15	12/3/2003	22.87	--	--	--	6.08	16.79	16.79
HA-15	1/19/2004	22.87	--	--	--	5.49	17.38	17.38
HA-15	2/24/2004	22.87	--	--	--	6.32	16.55	16.55
HA-15	3/15/2004	22.87	--	--	--	7.32	15.55	15.55
HA-15	4/19/2004	22.87	--	--	--	7.80	15.07	15.07
HA-15	5/17/2004	22.87			DRY			0.00
HA-15	6/22/2004	22.87			DRY			0.00
HA-15	8/18/2004	22.87			DRY			0.00
HA-15	9/21/2004	22.87			DRY			0.00
HA-15	10/19/2004	22.87			DRY			0.00
HA-15	11/23/2004	22.87			DRY			0.00
HA-15	12/21/2004	22.87	--	--	--	6.03	16.84	16.84
HA-15	1/13/2005	22.87	--	--	--	6.73	16.14	16.14
HA-15	4/28/2005	22.87	--	--	--	5.93	16.94	16.94
HA-15	6/1/2005	22.87	--	--	--	6.06	16.81	16.81
HA-15	6/29/2005	22.87	--	--	--	7.53	15.34	15.34
HA-15	7/20/2005	22.87			DRY			Dry
HA-15	8/22/2005	22.87			DRY			Dry
HA-15	9/12/2005	22.87			DRY			Dry
HA-15	10/12/2005	22.87			DRY			Dry
HA-15	11/21/2005	22.87	--	--	--	7.65	15.22	15.22
HA-15	12/27/2005	22.87	--	--	--	6.63	16.24	16.24
HA-15	1/30/2006	22.87	--	--	--	3.40	19.47	19.47
HA-15	2/16/2006	22.87	--	--	--	4.91	17.96	17.96
HA-15	3/13/2006	22.87	--	--	--	5.88	16.99	16.99
HA-15	4/18/2006	22.87	--	--	--	6.29	16.58	16.58
HA-15	5/12/2006	22.87	--	--	--	6.67	16.20	16.20
HA-15	6/9/2006	22.87	--	--	--	6.26	16.61	16.61
HA-15	7/13/2006	22.87	--	--	--	7.40	15.47	15.47
HA-15	8/16/2006	22.87			DRY			Dry
HA-15	9/19/2006	22.87			DRY			Dry
HA-15	10/13/2006	22.87			DRY			Dry
HA-15	11/20/2006	22.87	--	--	--	4.87	18.00	18.00
HA-15	12/8/2006	22.87	--	--	--	4.53	18.34	18.34
HA-15	1/19/2007	22.87	--	--	--	4.21	18.66	18.66
HA-15	2/19/2007	22.87	--	--	--	6.55	16.32	16.32
HA-15	3/15/2007	22.87	--	--	--	5.30	17.57	17.57
HA-15	4/16/2007	22.87	--	--	--	5.83	17.04	17.04
HA-15	5/14/2007	22.87	--	--	--	7.30	15.57	15.57
HA-15	6/29/2007	22.87	--	--	--	7.83	15.04	15.04
HA-15	7/20/2007	22.87			DRY			Dry
HA-15	8/21/2007	22.87	--	--	--	7.85	15.02	15.02
HA-15	9/10/2007	22.87			DRY			Dry
HA-15	10/22/2007	22.87			DRY			Dry
HA-15	11/28/2007	22.87	--	--	--	7.62	15.25	15.25
HA-15	12/13/2007	22.87	--	--	--	6.53	16.34	16.34
HA-15	1/21/2008	22.87	--	--	--	6.46	16.41	16.41
HA-15	2/24/2008	22.87	--	--	--	6.95	15.92	15.92
HA-15	3/24/2008	22.87	--	--	--	7.24	15.63	15.63
HA-15	8/25/2008	22.87			DRY			Dry
HA-15	2/18/2009	22.87	--	--	--	7.35	15.52	15.52
HA-15	8/25/2009	22.87			DRY			Dry
HA-15	3/22/2010	22.87	--	--	--	6.26	16.61	16.61
HA-15	8/23/2010	22.87			DRY			Dry
HA-15	2/7/2011	22.87	--	--	--	5.90	16.97	--
HA-15	5/27/2011	22.87			Not Monitored			
HA-15	8/8/2011	22.87	--	--	--	6.30	16.57	--
HA-15	11/14/2011	22.87			DRY			
HA-15	2/20/2012	22.87	--	--	--	5.41	17.46	--
HA-15	8/22/2012	22.87	--	--	--	7.81	15.06	--
HA-15	11/5/2012	22.87	--	--	--	7.84	15.03	--
HA-15	1/28/2013	22.87	--	--	--	5.26	17.61	--
HA-15	5/9/2013	22.87	--	--	--	6.58	16.29	--
HA-15	8/19/2013	22.87	--	--	--	7.84	15.03	--
HA-15	11/25/2013	22.87	--	--	--	6.68	16.19	--
HA-15	2/14/2014	22.87	--	--	--	6.23	16.64	--
HA-15	5/5/2014	22.87	--	--	--	5.20	17.67	--
HA-15	8/19/2014				Decomissioned Well			
HA-16	12/5/2002	22.07	7.60	14.47	0.05	7.65	14.46	--
HA-16	12/11/2002	22.07	7.40	14.67	0.68	8.08	14.50	--
HA-16	12/13/2002	22.07	7.33	14.74	0.96	8.29	14.50	14.50
HA-16	12/17/2002	22.07	6.67	15.40	1.54	8.21	15.02	15.01
HA-16	1/2/2003	22.07	5.60	16.47	0.22	5.82	16.42	16.58
HA-16	1/6/2003	22.07	5.08	16.99	0.02	5.10	16.99	17.00
HA-16	1/7/2003	22.07	5.05	17.02	0.02	5.07	17.02	17.03
HA-16	1/8/2003	22.07	4.95	17.12	0.03	4.98	17.11	17.14
HA-16	1/9/2003	22.07	4.92	17.15	0.02	4.94	17.15	17.16
HA-16	1/10/2003	22.07	4.94	17.13	0.02	4.96	17.13	17.14
HA-16	1/14/2003	22.07	3.09	18.98	2.03	5.12	18.47	20.00
HA-16	1/15/2003	22.07	5.00	17.07	0.05	5.05	17.06	17.10
HA-16	1/16/2003	22.07	4.92	17.15	0.04	4.96	17.14	17.17
HA-16	1/17/2003	22.07	4.95	17.12	0.02	4.97	17.12	17.13
HA-16	1/20/2003	22.07	4.98	17.09	0.04	5.02	17.08	17.11
HA-16	5/28/2003	22.07	7.35	14.72	0.77	8.12	14.53	15.11
HA-16	12/21/2004	22.07	--	--	--	5.23	16.84	16.84
HA-16	1/13/2005	22.07	--	--	--	6.10	15.97	15.97

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-16	4/28/2005	22.07	--	--	--	5.40	16.67	16.67
HA-16	6/1/2005	22.07	--	--	--	5.66	16.41	16.41
HA-16	6/29/2005	22.07	--	--	--	7.14	14.93	14.93
HA-16	7/20/2005	22.07	7.77	14.30	0.01	7.78	14.30	14.31
HA-16	8/22/2005	22.07	--	--	--	8.00	14.07	14.07
HA-16	9/12/2005	22.07	--	--	--	8.58	13.49	13.49
HA-16	10/12/2005	22.07	--	--	--	9.29	12.78	12.78
HA-16	11/21/2005	22.07	--	--	--	6.99	15.08	15.08
HA-16	12/27/2005	22.07	--	--	--	6.14	15.93	15.93
HA-16	1/31/2006	22.07	2.75	19.32	0.01	2.76	19.32	19.33
HA-16	2/16/2006	22.07	--	--	--	4.26	17.81	17.81
HA-16	3/13/2006	22.07	--	--	--	5.25	16.82	16.82
HA-16	4/18/2006	22.07	--	--	--	5.71	16.36	16.36
HA-16	5/12/2006	22.07	--	--	--	6.10	15.97	15.97
HA-16	6/9/2006	22.07	--	--	--	5.75	16.32	16.32
HA-16	7/13/2006	22.07	--	--	--	7.00	15.07	15.07
HA-16	8/16/2006	22.07	--	--	--	8.00	14.07	14.07
HA-16	9/19/2006	22.07	--	--	--	8.60	13.47	13.47
HA-16	10/13/2006	22.07	--	--	--	8.36	13.71	13.71
HA-16	11/20/2006	22.07	--	--	--	4.42	17.65	17.65
HA-16	12/8/2006	22.07	--	--	--	3.96	18.11	18.11
HA-16	1/19/2007	22.07	--	--	--	3.66	18.41	18.41
HA-16	2/19/2007	22.07	--	--	--	5.84	16.23	16.23
HA-16	3/15/2007	22.07	--	--	--	4.60	17.47	17.47
HA-16	4/16/2007	22.07	--	--	--	5.13	16.94	16.94
HA-16	5/14/2007	22.07	--	--	--	6.70	15.37	15.37
HA-16	6/29/2007	22.07	--	--	--	7.91	14.16	14.16
HA-16	7/20/2007	22.07	--	--	--	8.37	13.70	13.70
HA-16	8/21/2007	22.07	--	--	--	9.05	13.02	13.02
HA-16	9/10/2007	22.07	--	--	--	9.11	12.96	12.96
HA-16	10/22/2007	22.07	--	--	--	7.95	14.12	14.12
HA-16	11/28/2007	22.07	--	--	--	7.20	14.87	14.87
HA-16	12/13/2007	22.07	5.77	16.30	0.01	5.78	16.30	16.31
HA-16	1/21/2008	22.07	--	--	--	5.75	16.32	16.32
HA-16	2/24/2008	22.07	--	--	--	6.32	15.75	15.75
HA-16	3/24/2008	22.07	--	--	--	6.65	15.42	15.42
HA-16	8/25/2008	22.07	--	--	--	8.60	13.47	13.47
HA-16	2/18/2009	22.07	--	--	--	6.64	15.43	15.43
HA-16	8/25/2009	22.07	--	--	--	9.87	12.20	12.20
HA-16	3/22/2010	22.07	--	--	--	5.53	16.54	16.54
HA-16	8/23/2010	22.07	--	--	--	8.08	13.99	13.99
HA-16	2/7/2011	22.07	--	--	--	5.18	16.89	--
HA-16	5/27/2011	22.07	--	--	--	6.08	15.99	--
HA-16	8/8/2011	22.07	--	--	--	8.15	13.92	--
HA-16	11/14/2011	22.07	--	--	--	7.85	14.22	--
HA-16	2/20/2012	22.07	--	--	--	4.61	17.46	--
HA-16	8/22/2012	22.07	--	--	--	7.85	14.22	--
HA-16	11/5/2012	22.07	--	--	--	7.17	14.90	--
HA-16	1/28/2013	22.07	--	--	--	4.73	17.34	--
HA-16	5/9/2013	22.07	--	--	--	5.89	16.18	--
HA-16	8/19/2013	22.07	--	--	--	8.64	13.43	--
HA-16	11/25/2013	22.07	--	--	--	6.10	15.97	--
HA-16	2/14/2014	22.07	--	--	--	5.54	16.53	--
HA-16	5/5/2014	22.07	--	--	--	3.94	18.13	--
HA-16	8/19/2014			Decomissioned Well				
HA-17	8/11/2003	21.92			DRY			
HA-17	3/15/2004	21.92	--	--	--	6.66	15.26	Dry
HA-17	9/21/2004	21.92	--	--	--	7.75	14.17	15.26
HA-17	12/21/2004	21.92	--	--	--	5.07	16.85	14.17
HA-17	1/13/2005	21.92	--	--	--	5.85	16.07	16.07
HA-17	4/28/2005	21.92	--	--	--	4.85	17.07	17.07
HA-17	6/1/2005	21.92	--	--	--	5.09	16.83	16.83
HA-17	6/29/2005	21.92	--	--	--	6.97	14.95	14.95
HA-17	7/20/2005	21.92	--	--	--	7.63	14.29	14.29
HA-17	8/22/2005	21.92	--	--	--	7.82	14.10	14.10
HA-17	9/12/2005	21.92			DRY			Dry
HA-17	10/12/2005	21.92			DRY			Dry
HA-17	11/21/2005	21.92	--	--	--	6.43	15.49	15.49
HA-17	12/27/2005	21.92	--	--	--	5.10	16.82	16.82
HA-17	1/30/2006	21.92	--	--	--	2.81	19.11	19.11
HA-17	2/16/2006	21.92	--	3.68	0.01	3.69	18.24	18.25
HA-17	3/13/2006	21.92	--	--	--	4.63	17.29	17.29
HA-17	4/18/2006	21.92	--	--	--	5.00	16.92	16.92
HA-17	5/12/2006	21.92	--	--	--	5.54	16.38	16.38
HA-17	6/9/2006	21.92	--	--	--	4.97	16.95	16.95
HA-17	7/13/2006	21.92	--	--	--	9.50	12.42	12.42
HA-17	8/16/2006	21.92	--	--	--	7.50	14.42	14.42
HA-17	9/19/2006	21.92			DRY			Dry
HA-17	10/13/2006	21.92			DRY			Dry
HA-17	11/20/2006	21.92	--	--	--	4.12	17.80	17.80
HA-17	12/8/2006	21.92	--	--	--	3.48	18.44	18.44
HA-17	1/19/2007	21.92	--	--	--	3.02	18.90	18.90
HA-17	2/19/2007	21.92	--	--	--	5.85	16.07	16.07
HA-17	3/15/2007	21.92	--	--	--	3.97	17.95	17.95
HA-17	4/16/2007	21.92	--	--	--	4.51	17.41	17.41
HA-17	5/14/2007	21.92	--	--	--	6.71	15.21	15.21
HA-17	6/29/2007	21.92	--	--	--	7.58	14.34	14.34
HA-17	7/20/2007	21.92			DRY			Dry
HA-17	8/21/2007	21.92			DRY			Dry
HA-17	9/10/2007	21.92			DRY			Dry
HA-17	10/22/2007	21.82	--	--	--	7.36	14.46	14.46
HA-17	11/28/2007	21.82	--	--	--	6.95	14.87	14.87
HA-17	12/13/2007	21.82	--	--	--	5.89	15.93	15.93
HA-17	1/21/2008	21.82	--	--	--	5.45	16.37	16.37
HA-17	2/24/2008	21.82	--	--	--	6.09	15.73	15.73
HA-17	3/24/2008	21.82	--	--	--	6.41	15.41	15.41
HA-17	8/25/2008	21.82			DRY			Dry
HA-17	2/18/2009	21.82	--	--	--	6.68	15.14	15.14
HA-17	8/25/2009	21.82	--	--	--	8.10	13.72	13.72
HA-17	3/22/2010	21.82	--	--	--	4.92	16.90	16.90

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-17	8/23/2010	21.82			DRY			Dry
HA-17	2/7/2011	21.82	--	--	--	4.89	16.93	--
HA-17	5/27/2011	21.82			Not Monitored			
HA-17	8/8/2011	21.82			Dry			
HA-17	11/14/2011	21.82	--	--	--	7.69	14.13	--
HA-17	2/20/2012	21.82	--	--	--	4.91	16.91	--
HA-17	8/22/2012	21.82	--	--	--	7.61	14.21	--
HA-17	11/5/2012	21.82	--	--	--	7.31	14.51	--
HA-17	1/28/2013	21.82	--	--	--	4.33	17.49	--
HA-17	5/9/2013	21.82	--	--	--	6.00	15.82	--
HA-17	8/19/2013	21.82			DRY			
HA-17	11/25/2013	21.82	--	--	--	6.46	15.36	--
HA-17	2/14/2014	21.82	--	--	--	5.27	16.55	--
HA-17	5/5/2014	21.82	--	--	--	4.68	17.14	--
HA-17	8/19/2014				Decomissioned Well			
HA-18	8/11/2003	21.51			DRY			
HA-18	3/15/2004	21.51	6.47	15.04	0.00	6.47	15.04	Dry
HA-18	12/21/2004	21.51	--	--	--	4.98	16.53	15.04
HA-18	1/13/2005	21.51	--	--	--	5.61	15.90	16.53
HA-18	4/28/2005	21.51	--	--	--	4.79	16.72	16.72
HA-18	6/1/2005	21.51	--	--	--	5.00	16.51	16.51
HA-18	6/29/2005	21.51	--	--	--	6.76	14.75	14.75
HA-18	7/20/2005	21.51	--	--	--	7.46	14.05	14.05
HA-18	8/22/2005	21.51	--	--	--	7.45	14.06	14.06
HA-18	9/12/2005	21.51	--	--	--	7.80	13.71	13.71
HA-18	10/12/2005	21.51			DRY			Dry
HA-18	11/21/2005	21.51	--	--	--	7.00	14.51	14.51
HA-18	12/27/2005	21.51	--	--	--	5.88	15.63	15.63
HA-18	1/30/2006	21.51	--	--	--	2.52	18.99	18.99
HA-18	2/16/2006	21.51	--	--	--	3.59	17.92	17.92
HA-18	3/13/2006	21.51	--	--	--	4.52	16.99	16.99
HA-18	4/18/2006	21.51	--	--	--	5.11	16.40	16.40
HA-18	5/12/2006	21.51	--	--	--	5.39	16.12	16.12
HA-18	6/9/2006	21.51	--	--	--	5.15	16.36	16.36
HA-18	7/13/2006	21.51	--	--	--	6.21	15.30	15.30
HA-18	8/16/2006	21.51	--	--	--	7.21	14.30	14.30
HA-18	9/19/2006	21.51			DRY			Dry
HA-18	10/13/2006	21.51	--	--	--	7.75	13.76	13.76
HA-18	11/20/2006	21.51	--	--	--	4.47	17.04	17.04
HA-18	12/8/2006	21.51	--	--	--	3.58	17.93	17.93
HA-18	1/19/2007	21.51	--	--	--	3.15	18.36	18.36
HA-18	2/19/2007	21.51	--	--	--	5.84	15.67	15.67
HA-18	3/15/2007	21.51	--	--	--	4.32	17.19	17.19
HA-18	4/16/2007	21.51	--	--	--	4.43	17.08	17.08
HA-18	5/14/2007	21.51	--	--	--	6.45	15.06	15.06
HA-18	6/29/2007	21.51	--	--	--	7.27	14.24	14.24
HA-18	7/20/2007	21.51	--	--	--	7.87	13.64	13.64
HA-18	8/21/2007	21.51			DRY			Dry
HA-18	9/10/2007	21.51			DRY			Dry
HA-18	10/22/2007	21.51			DRY			Dry
HA-18	11/28/2007	21.51	--	--	--	6.92	14.59	14.59
HA-18	12/13/2007	21.51	--	--	--	5.86	15.65	15.65
HA-18	1/21/2008	21.51	--	--	--	5.62	15.89	15.89
HA-18	2/24/2008	21.51	--	--	--	4.36	17.15	17.15
HA-18	3/24/2008	21.51	--	--	--	6.29	15.22	15.22
HA-18	8/25/2008	21.51	--	--	--	8.07	13.44	13.44
HA-18	2/18/2009	21.51	--	--	--	6.32	15.19	15.19
HA-18	8/25/2009	21.51			DRY			0.00
HA-18	3/22/2010	21.51	--	--	--	4.81	16.70	16.70
HA-18	8/23/2010	21.51	--	--	--	7.26	14.25	14.25
HA-18	2/7/2011	21.51	--	--	--	4.99	16.52	--
HA-18	5/27/2011	21.51			Not Monitored			
HA-18	8/8/2011	21.51	--	--	--	7.76	13.75	--
HA-18	11/14/2011	21.51	--	--	--	7.58	13.93	--
HA-18	2/20/2012	21.51	--	--	--	5.24	16.27	--
HA-18	11/5/2012	21.51	--	--	--	7.74	13.77	--
HA-18	1/28/2013	21.51	--	--	--	4.34	17.17	--
HA-18	8/19/2013	21.51	--	--	--	8.00	13.51	--
HA-18	11/25/2013	21.51	--	--	--	6.22	15.29	--
HA-18	2/14/2014	21.51	--	--	--	5.50	16.01	--
HA-18	5/5/2014	21.51	--	--	--	4.74	16.77	--
HA-18	8/19/2014				Decomissioned Well			
HA-19	4/2/2003	22.92	--	--	--	4.61	18.31	--
HA-19	4/4/2003	22.92	7.10	--	--	7.13	15.79	18.31
HA-19	4/8/2003	22.92	6.61			6.62	16.31	15.79
HA-19	4/11/2003	22.92	5.69	17.23	0.00	5.69	17.23	16.31
HA-19	4/15/2003	22.92	--	--	--	4.26	18.66	18.66
HA-19	4/17/2003	22.92	--	--	--	5.62	17.30	17.30
HA-19	4/22/2003	22.92	7.21	15.71	0.01	7.22	15.71	15.72
HA-19	4/25/2003	22.92	7.23	15.69	0.00	7.23	15.69	15.69
HA-19	5/2/2003	22.92	--	--	--	7.87	15.05	15.05
HA-19	5/6/2003	22.92	--	--	--	7.80	15.12	15.12
HA-19	5/9/2003	22.92	--	--	--	8.00	14.92	14.92
HA-19	5/23/2003	22.92			DRY			Dry
HA-19	5/28/2003	22.92			DRY			Dry
HA-19	6/13/2003	22.92			DRY			Dry
HA-19	6/18/2003	22.92			DRY			Dry
HA-19	6/27/2003	22.92			DRY			Dry
HA-19	7/7/2003	22.92			DRY			Dry
HA-19	7/16/2003	22.92			DRY			Dry
HA-19	7/31/2003	22.92			DRY			Dry
HA-19	8/5/2003	22.92			DRY			Dry
HA-19	8/11/2003	22.92			DRY			Dry
HA-19	8/22/2003	22.92			DRY			Dry
HA-19	8/26/2003	22.92			DRY			Dry
HA-19	9/2/2003	22.92			DRY			Dry
HA-19	9/9/2003	22.92			DRY			Dry
HA-19	9/19/2003	22.92			DRY			Dry
HA-19	10/14/2003	22.92			DRY			Dry

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-19	11/20/2003	22.92	--	--	--	4.74	18.18	18.18
HA-19	12/3/2003	22.92	--	--	--	5.35	17.57	17.57
HA-19	1/19/2004	22.92	5.51	17.41	0.005	5.52	17.41	17.41
HA-19	2/24/2004	22.92	7.18	15.74	0.005	7.19	15.74	15.74
HA-19	3/15/2004	22.92	--	--	--	7.94	14.98	14.98
HA-19	4/19/2004	22.92	--	--	--	8.01	14.91	14.91
HA-19	5/17/2004	22.92			DRY			0.00
HA-19	6/22/2004	22.92			DRY			0.00
HA-19	8/18/2004	22.92			DRY			0.00
HA-19	9/21/2004	22.92	--	--	--	6.85	16.07	16.07
HA-19	10/19/2004	22.92	--	--	--	4.21	18.71	18.71
HA-19	11/23/2004	22.92			DRY			0.00
HA-19	12/21/2004	22.92	--	--	--	5.13	17.79	17.79
HA-19	1/13/2005	22.92	--	--	--	7.35	15.57	15.57
HA-19	4/28/2005	22.92	--	--	--	6.97	15.95	15.95
HA-19	6/1/2005	22.92	--	--	--	7.39	15.53	15.53
HA-19	6/29/2005	22.92			DRY			Dry
HA-19	7/20/2005	22.92			DRY			Dry
HA-19	8/22/2005	22.92			DRY			Dry
HA-19	9/12/2005	22.92			DRY			Dry
HA-19	10/12/2005	22.92			DRY			Dry
HA-19	11/21/2005	22.92	--	--	--	8.81	14.11	14.11
HA-19	12/27/2005	22.92	--	--	--	4.17	18.75	18.75
HA-19	1/30/2006	22.92	--	--	--	4.14	18.78	18.78
HA-19	2/16/2006	22.92	--	--	--	6.13	16.79	16.79
HA-19	3/13/2006	22.92	--	--	--	7.16	15.76	15.76
HA-19	4/18/2006	22.92	--	--	--	6.68	16.24	16.24
HA-19	5/12/2006	22.92	--	--	--	7.79	15.13	15.13
HA-19	6/9/2006	22.92	--	--	--	7.33	15.59	15.59
HA-19	7/13/2006	22.92	--	--	--	8.00	14.92	14.92
HA-19	8/16/2006	22.92			DRY			Dry
HA-19	9/19/2006	22.92			DRY			Dry
HA-19	10/16/2006	22.92			DRY			Dry
HA-19	11/20/2006	22.92	--	--	--	4.40	18.52	18.52
HA-19	12/8/2006	22.92	--	--	--	5.54	17.38	17.38
HA-19	1/19/2007	22.92	--	--	--	5.20	17.72	17.72
HA-19	2/19/2007	22.92	--	--	--	7.20	15.72	15.72
HA-19	3/15/2007	22.92	--	--	--	6.09	16.83	16.83
HA-19	4/16/2007	22.92	--	--	--	6.99	15.93	15.93
HA-19	5/14/2007	22.92			DRY			Dry
HA-19	6/29/2007	22.92			DRY			Dry
HA-19	7/20/2007	22.92			DRY			Dry
HA-19	8/21/2007	22.92			DRY			Dry
HA-19	9/10/2007	22.92			DRY			Dry
HA-19	10/22/2007	22.92	--	--	--	3.99	18.93	18.93
HA-19	11/28/2007	22.92	--	--	--	5.71	17.21	17.21
HA-19	12/13/2007	22.92	--	--	--	4.60	18.32	18.32
HA-19	1/21/2008	22.92	--	--	--	6.37	16.55	16.55
HA-19	2/24/2008	22.92	--	--	--	7.41	15.51	15.51
HA-19	3/24/2008	22.92	--	--	--	4.37	18.55	18.55
HA-19	8/25/2008	22.92	--	--	--	6.02	16.90	16.90
HA-19	2/18/2009	22.92	--	--	--	7.75	15.17	15.17
HA-19	8/25/2009	22.92			DRY			Dry
HA-19	3/22/2010	22.92	--	--	--	7.48	15.44	15.44
HA-19	8/23/2010	22.92			DRY			Dry
HA-19	2/7/2011	22.92	--	--	--	6.55	16.37	--
HA-19	2/7/2011	22.92	--	--	--	7.10	15.82	--
HA-19	8/8/2011	22.92			Dry			
HA-19	11/14/2011	22.92	--	--	--	7.23	15.69	--
HA-19	2/20/2012	22.92	--	--	--	5.58	17.34	--
HA-19	8/22/2012	22.92	--	--	--	Dry	--	--
HA-19	11/5/2012	22.92	--	--	--	4.92	18.00	--
HA-19	1/28/2013	22.92	--	--	--	6.46	16.46	--
HA-19	5/9/2013	22.92	--	--	--	7.34	15.58	--
HA-19	8/19/2013	22.92			DRY			
HA-19	11/25/2013	22.92	--	--	--	6.12	16.80	--
HA-19	2/14/2014	22.92	--	--	--	3.67	19.25	--
HA-19	5/5/2014	22.92	--	--	--	4.51	18.41	--
HA-19	8/19/2014	22.92			DRY			
HA-19	11/21/2014	22.92	--	--	--	7.03	15.89	--
HA-20	11/24/2002	23.10	--	--	--	7.49	15.61	15.61
HA-20	11/27/2002	23.10	6.46	16.64	3.51	9.97	15.76	18.40
HA-20	12/5/2002	23.10	6.25	16.85	3.57	9.82	15.96	18.64
HA-20	12/11/2002	23.10	6.25	16.85	3.48	9.73	15.98	18.59
HA-20	12/13/2002	23.10	6.12	16.98	3.55	9.67	16.09	18.76
HA-20	12/17/2002	23.10	5.29	17.81	4.20	9.49	16.76	19.91
HA-20	1/3/2003	23.10	3.26	19.84	4.39	7.65	18.74	22.04
HA-20	1/6/2003	23.10	3.83	19.27	3.10	6.93	18.50	20.82
HA-20	1/7/2003	23.10	4.45	18.65	1.16	5.61	18.36	19.23
HA-20	1/8/2003	23.10	4.22	18.88	1.57	5.79	18.49	19.67
HA-20	1/9/2003	23.10	3.97	19.13	3.11	7.08	18.35	20.69
HA-20	1/10/2003	23.10	4.04	19.06	3.24	7.28	18.25	20.68
HA-20	1/13/2003	23.10	4.75	18.35	0.92	5.67	18.12	18.81
HA-20	1/14/2003	23.10	4.15	18.95	3.47	7.62	18.08	20.69
HA-20	1/15/2003	23.10	4.05	19.05	3.10	7.15	18.28	20.60
HA-20	1/16/2003	23.10	4.15	18.95	2.90	7.05	18.23	20.40
HA-20	1/17/2003	23.10	4.18	18.92	2.82	7.00	18.22	20.33
HA-20	1/20/2003	23.10	4.15	18.95	3.09	7.24	18.18	20.50
HA-20	1/22/2003	23.10	3.30	19.80	6.50	9.80	18.18	23.05
HA-20	1/23/2003	23.10	4.80	18.30	3.78	8.58	17.36	20.19
HA-20	1/24/2003	23.10	4.55	18.55	3.66	8.21	17.64	20.38
HA-20	1/27/2003	23.10	3.68	19.42	2.96	6.64	18.68	20.90
HA-20	1/28/2003	23.10	3.82	19.28	3.68	7.50	18.36	21.12
HA-20	1/29/2003	23.10	4.05	19.05	4.44	8.49	17.94	21.27
HA-20	1/30/2003	23.10	4.26	18.84	4.06	8.32	17.83	20.87
HA-20	2/3/2003	23.10	4.33	18.77	3.17	7.50	17.98	20.36
HA-20	2/6/2003	23.10	4.59	18.51	1.80	6.39	18.06	19.41
HA-20	2/11/2003	23.10	6.18	16.92	2.39	8.57	16.32	18.12
HA-20	2/18/2003	23.10	7.40	15.70	0.88	8.28	15.48	16.14
HA-20	2/21/2003	23.10	7.34	15.76	0.73	8.07	15.58	16.13

Table 5

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Phillips 66 Company
Renton Terminal
Renton, Washington

HA-20	2/26/2003	23.10	6.09	17.01	0.11	6.20	16.98	17.07
HA-20	3/4/2003	23.10	7.47	15.63	1.87	9.34	15.16	16.57
HA-20	3/12/2003	23.10	7.05	16.05	2.63	9.68	15.39	17.37
HA-20	3/14/2003	23.10	7.14	15.96	2.27	9.41	15.39	17.10
HA-20	3/26/2003	23.10	5.64	17.46	3.93	9.57	16.48	19.43
HA-20	3/28/2003	23.10	6.91	16.19	2.50	9.41	15.57	17.44
HA-20	4/2/2003	23.10	6.47	16.63	2.65	9.12	15.97	17.96
HA-20	4/4/2003	23.10	7.01	16.09	2.13	9.14	15.56	17.16
HA-20	4/8/2003	23.10	7.16	15.94	1.49	8.65	15.57	16.69
HA-20	4/11/2003	23.10	7.21	15.89	1.66	8.87	15.48	16.72
HA-20	4/15/2003	23.10	6.91	16.19	0.40	7.31	16.09	16.39
HA-20	4/17/2003	23.10	7.71	15.39	1.00	8.71	15.14	15.89
HA-20	4/22/2003	23.10	7.28	15.82	1.39	8.67	15.47	16.52
HA-20	4/25/2003	23.10	7.72	15.38	1.24	8.96	15.07	16.00
HA-20	5/2/2003	23.10	7.46	15.64	2.41	9.87	15.04	16.85
HA-20	5/6/2003	23.10	7.38	15.72	2.49	9.87	15.10	16.97
HA-20	5/9/2003	23.10	8.05	15.05	1.95	10.00	14.56	16.03
HA-20	5/23/2003	23.10	8.69	14.41	1.76	10.45	13.97	15.29
HA-20	5/28/2003	23.10	8.50	14.60	1.49	9.99	14.23	15.35
HA-20	6/13/2003	23.10	8.75	14.35	1.46	10.21	13.99	15.08
HA-20	6/18/2003	23.10	8.68	14.42	1.57	10.25	14.03	15.21
HA-20	6/27/2003	23.10	8.70	14.40	1.64	10.34	13.99	15.22
HA-20	7/7/2003	23.10	9.64	13.46	0.73	10.37	13.28	13.83
HA-20	7/16/2003	23.10	9.11	13.99	1.43	10.54	13.63	14.71
HA-20	7/31/2003	23.10	9.40	13.70	1.48	10.88	13.33	14.44
HA-20	8/5/2003	23.10	9.50	13.60	1.25	10.75	13.29	14.23
HA-20	8/11/2003	23.10	10.65	12.45	1.37	12.02	12.11	13.14
HA-20	8/22/2003	23.10	10.91	12.19	1.29	12.20	11.87	12.84
HA-20	8/26/2003	23.10	--	--	--	9.81	13.29	13.29
HA-20	9/2/2003	23.10	9.94	13.16	1.33	11.27	12.83	13.83
HA-20	9/9/2003	23.10	10.40	12.70	0.36	10.76	12.61	12.88
HA-20	9/19/2003	23.10	10.38	12.72	0.24	10.62	12.66	12.84
HA-20	10/14/2003	23.10	10.26	12.84	0.75	11.01	12.65	13.22
HA-20	11/20/2003	23.10	--	--	--	7.20	15.90	15.90
HA-20	12/3/2003	23.10	--	--	--	6.21	16.89	16.89
HA-20	1/19/2004	23.10	--	--	--	5.84	17.26	17.26
HA-20	2/24/2004	23.10	--	--	--	7.46	15.64	15.64
HA-20	3/15/2004	23.10	--	--	--	8.44	14.66	14.66
HA-20	4/19/2004	23.10	--	--	--	8.51	14.59	14.59
HA-20	5/17/2004	23.10	--	--	--	8.99	14.11	14.11
HA-20	6/22/2004	23.10	--	--	--	8.83	14.27	14.27
HA-20	8/18/2004	23.10	--	--	--	10.02	13.08	13.08
HA-20	9/21/2004	23.10	--	--	--	9.03	14.07	14.07
HA-20	10/19/2004	23.10	--	--	--	8.17	14.93	14.93
HA-20	11/23/2004	23.10	--	--	--	8.44	14.66	14.66
HA-20	12/21/2004	23.10	--	--	--	6.50	16.60	16.60
HA-20	1/13/2005	23.10	--	--	--	7.35	15.75	15.75
HA-20	4/28/2005	23.10	--	--	--	6.80	16.30	16.30
HA-20	6/1/2005	23.10	--	--	--	7.10	16.00	16.00
HA-20	6/29/2005	23.10	--	--	--	9.72	13.38	13.38
HA-20	7/20/2005	23.10	--	--	--	9.92	13.18	13.18
HA-20	8/22/2005	23.10	--	--	--	9.10	14.00	14.00
HA-20	9/12/2005	23.10	--	--	--	9.73	13.37	13.37
HA-20	10/12/2005	23.10	--	--	--	10.26	12.84	12.84
HA-20	11/21/2005	23.10	--	--	--	8.09	15.01	15.01
HA-20	12/27/2005	23.10	--	--	--	7.20	15.90	15.90
HA-20	1/30/2006	23.10	--	--	--	4.50	18.60	18.60
HA-20	2/16/2006	23.10	6.23	16.87	0.01	6.24	16.87	16.88
HA-20	3/13/2006	23.10	--	--	--	7.14	15.96	15.96
HA-20	4/18/2006	23.10	--	--	--	7.40	15.70	15.70
HA-20	5/12/2006	23.10	--	--	--	7.69	15.41	15.41
HA-20	6/9/2006	23.10	--	--	--	7.38	15.72	15.72
HA-20	7/13/2006	23.10	--	--	--	8.37	14.73	14.73
HA-20	8/16/2006	23.10	--	--	--	9.13	13.97	13.97
HA-20	9/19/2006	23.10	--	--	--	9.75	13.35	13.35
HA-20	10/16/2006	23.10	--	--	--	9.55	13.55	13.55
HA-20	11/20/2006	23.10	--	--	--	5.70	17.40	17.40
HA-20	12/8/2006	23.10	--	--	--	5.71	17.39	17.39
HA-20	1/19/2007	23.10	--	--	--	5.42	17.68	17.68
HA-20	2/19/2007	23.10	--	--	--	7.20	15.90	15.90
HA-20	3/15/2007	23.10	--	--	--	6.37	16.73	16.73
HA-20	4/16/2007	23.10	--	--	--	6.78	16.32	16.32
HA-20	5/14/2007	23.10	--	--	--	8.00	15.10	15.10
HA-20	6/29/2007	23.10	--	--	--	9.11	13.99	13.99
HA-20	7/20/2007	23.10	--	--	--	9.46	13.64	13.64
HA-20	8/21/2007	23.10	--	--	--	10.09	13.01	13.01
HA-20	9/10/2007	23.10	--	--	--	10.13	12.97	12.97
HA-20	10/22/2007	23.10	--	--	--	9.04	14.06	14.06
HA-20	11/28/2007	23.10	--	--	--	8.30	14.80	14.80
HA-20	12/13/2007	23.10	--	--	--	7.10	16.00	16.00
HA-20	1/21/2008	23.10	--	--	--	7.31	15.79	15.79
HA-20	2/24/2008	23.10	--	--	--	7.83	15.27	15.27
HA-20	3/24/2008	23.10	--	--	--	8.08	15.02	15.02
HA-20	8/25/2008	23.10	--	--	--	8.34	14.76	14.76
HA-20	2/18/2009	23.10	--	--	--	7.90	15.20	15.20
HA-20	8/25/2009	23.10	--	--	--	10.30	12.80	12.80
HA-20	3/22/2010	23.10	--	--	--	8.07	15.03	15.03
HA-20	8/23/2010	23.10	--	--	--	9.67	13.43	13.43
HA-20	2/7/2011	23.10	--	--	--	0.07	23.03	--
HA-20	5/27/2011	23.10	--	--	--	7.96	15.14	--
HA-20	8/8/2011	23.10	--	--	--	9.32	13.78	--
HA-20	11/14/2011	23.10	--	--	--	9.06	14.04	--
HA-20	2/20/2012	23.10	--	--	--	7.15	15.95	--
HA-20	8/22/2012	23.10	--	--	--	9.08	14.02	--
HA-20	11/5/2012	23.10	--	--	--	8.09	15.01	--
HA-20	1/28/2013	23.10	--	--	--	6.49	16.61	--
HA-20	5/9/2013	23.10	--	--	--	7.48	15.62	--
HA-20	8/19/2013	23.10	--	--	--	9.72	13.38	--
HA-20	11/25/2013	23.10	--	--	--	8.03	15.07	--
HA-20	2/14/2014	23.10	--	--	--	7.49	15.61	--
HA-20	5/5/2014	23.10	--	--	--	6.49	16.61	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HA-20	8/19/2014				Decomissioned Well			
LAI-1	1/17/2003	20.94	--	--	--	4.17	16.77	--
LAI-1	1/20/2003	20.94	--	--	--	4.18	16.76	--
LAI-1	1/31/2003	20.94	--	--	--	4.28	16.66	16.77
LAI-1	2/7/2003	20.94	4.06	16.88	0.48	4.54	16.76	16.76
LAI-1	2/12/2003	20.94	4.38	16.56	1.08	5.46	16.29	17.10
LAI-1	2/18/2003	20.94	--	--	--	5.40	15.54	15.54
LAI-1	2/21/2003	20.94	--	--	--	5.52	15.42	15.42
LAI-1	2/24/2003	20.94	--	--	--	5.96	14.98	14.98
LAI-1	3/3/2003	20.94	--	--	--	5.76	15.18	15.18
LAI-1	3/12/2003	20.94	--	--	--	5.48	15.46	15.46
LAI-1	3/14/2003	20.94	--	--	--	5.09	15.85	15.85
LAI-1	3/26/2003	20.94	--	--	--	4.76	16.18	16.18
LAI-1	3/28/2003	20.94	--	--	--	4.86	16.08	16.08
LAI-1	4/2/2003	20.94	5.21	15.73	0.01	5.22	15.73	15.74
LAI-1	4/4/2003	20.94	5.19	15.75	0.01	5.20	15.75	15.76
LAI-1	4/8/2003	20.94	5.67	15.27	0.01	5.68	15.27	15.28
LAI-1	4/11/2003	20.94	5.07	15.87	0.01	5.08	15.87	15.88
LAI-1	4/15/2003	20.94	4.62	16.32	0.01	4.63	16.32	16.33
LAI-1	4/17/2003	20.94	6.14	14.80	0.01	6.15	14.80	14.81
LAI-1	4/22/2003	20.94	--	--	--	5.21	15.73	15.73
LAI-1	4/25/2003	20.94	--	--	--	5.43	15.51	15.51
LAI-1	5/2/2003	20.94	--	--	--	5.53	15.41	15.41
LAI-1	5/6/2003	20.94	--	--	--	5.66	15.28	15.28
LAI-1	5/9/2003	20.94	--	--	--	6.15	14.79	14.79
LAI-1	5/16/2003	20.94	--	--	--	6.40	14.54	14.54
LAI-1	5/23/2003	20.94	6.50	14.44	0.01	6.51	14.44	14.45
LAI-1	5/28/2003	20.94	6.45	14.49	0.01	6.46	14.49	14.50
LAI-1	6/13/2003	20.94	6.79	14.15	0.01	6.80	14.15	14.16
LAI-1	6/18/2003	20.94	--	--	--	6.78	14.16	14.16
LAI-1	6/27/2003	20.94	--	--	--	6.81	14.13	14.13
LAI-1	7/7/2003	20.94	--	--	--	7.41	13.53	13.53
LAI-1	7/16/2003	20.94	--	--	--	6.43	14.51	14.51
LAI-1	7/31/2003	20.94	--	--	--	7.49	13.45	13.45
LAI-1	8/5/2003	20.94	--	--	--	7.61	13.33	13.33
LAI-1	8/11/2003	20.94	--	--	--	8.80	12.14	12.14
LAI-1	8/22/2003	20.94	--	--	--	8.98	11.96	11.96
LAI-1	8/26/2003	20.94	--	--	--	7.91	13.03	13.03
LAI-1	9/2/2003	20.94	--	--	--	8.07	12.87	12.87
LAI-1	9/9/2003	20.94	8.39	12.55	0.01	8.40	12.55	12.56
LAI-1	9/19/2003	20.94	--	--	--	8.27	12.67	12.67
LAI-1	10/14/2003	20.94	--	--	--	8.34	12.60	12.60
LAI-1	11/20/2003	20.94	--	--	--	4.63	16.31	16.31
LAI-1	12/3/2003	20.94	--	--	--	4.10	16.84	16.84
LAI-1	1/19/2004	20.94	--	--	--	3.82	17.12	17.12
LAI-1	2/24/2004	20.94	--	--	--	5.22	15.72	15.72
LAI-1	3/15/2004	20.94	--	--	--	6.16	14.78	14.78
LAI-1	4/19/2004	20.94	--	--	--	6.29	14.65	14.65
LAI-1	5/17/2004	20.94	--	--	--	6.81	14.13	14.13
LAI-1	6/22/2004	20.94	--	--	--	6.64	14.30	14.30
LAI-1	8/18/2004	20.94	--	--	--	7.81	13.13	13.13
LAI-1	9/21/2004	20.94	--	--	--	6.90	14.04	14.04
LAI-1	10/19/2004	20.94	--	--	--	6.00	14.94	14.94
LAI-1	11/23/2004	20.94	--	--	--	6.25	14.69	14.69
LAI-1	12/21/2004	20.94	--	--	--	4.38	16.56	16.56
LAI-1	1/13/2005	20.94	--	--	--	5.22	15.72	15.72
LAI-1	4/28/2005	20.94	--	--	--	4.72	16.22	16.22
LAI-1	6/1/2005	20.94	--	--	--	4.98	15.96	15.96
LAI-1	6/29/2005	20.94	--	--	--	6.59	14.35	14.35
LAI-1	7/20/2005	20.94	--	--	--	6.77	14.17	14.17
LAI-1	8/22/2005	20.94	--	--	--	6.95	13.99	13.99
LAI-1	9/12/2005	20.94	--	--	--	7.50	13.44	13.44
LAI-1	10/12/2005	20.94	--	--	--	8.04	12.90	12.90
LAI-1	11/21/2005	20.94	--	--	--	5.89	15.05	15.05
LAI-1	12/27/2005	20.94	--	--	--	4.99	15.95	15.95
LAI-1	1/30/2006	20.94	--	--	--	2.50	18.44	18.44
LAI-1	2/16/2006	20.94	--	--	--	4.27	16.67	16.67
LAI-1	3/13/2006	20.94	--	--	--	5.07	15.87	15.87
LAI-1	4/18/2006	20.94	--	--	--	5.25	15.69	15.69
LAI-1	5/12/2006	20.94	--	--	--	5.52	15.42	15.42
LAI-1	6/9/2006	20.94	--	--	--	5.23	15.71	15.71
LAI-1	7/13/2006	20.94	--	--	--	6.20	14.74	14.74
LAI-1	8/16/2006	20.94	--	--	--	7.00	13.94	13.94
LAI-1	9/19/2006	20.94	--	--	--	7.54	13.40	13.40
LAI-1	10/13/2006	20.94	--	--	--	7.33	13.61	13.61
LAI-1	11/20/2006	20.94	--	--	--	3.62	17.32	17.32
LAI-1	12/8/2006	20.94	--	--	--	3.70	17.24	17.24
LAI-1	1/19/2007	20.94	--	--	--	3.57	17.37	17.37
LAI-1	2/19/2007	20.94	--	--	--	5.05	15.89	15.89
LAI-1	3/15/2007	20.94	--	--	--	4.50	16.44	16.44
LAI-1	4/16/2007	20.94	--	--	--	4.75	16.19	16.19
LAI-1	5/14/2007	20.94	--	--	--	4.82	16.12	16.12
LAI-1	6/29/2007	20.94	--	--	--	6.92	14.02	14.02
LAI-1	7/20/2007	20.94	--	--	--	7.22	13.72	13.72
LAI-1	8/21/2007	20.94	--	--	--	7.88	13.06	13.06
LAI-1	9/10/2007	20.94	--	--	--	7.91	13.03	13.03
LAI-1	10/22/2007	20.94	--	--	--	6.84	14.10	14.10
LAI-1	11/28/2007	20.94	--	--	--	6.11	14.83	14.83
LAI-1	12/13/2007	20.94	--	--	--	4.96	15.98	15.98
LAI-1	1/21/2008	20.94	--	--	--	5.19	15.75	15.75
LAI-1	2/24/2008	20.94	--	--	--	5.66	15.28	15.28
LAI-1	3/24/2008	20.94	--	--	--	5.90	15.04	15.04
LAI-1	8/25/2008	20.94	--	--	--	7.45	13.49	13.49
LAI-1	2/18/2009	20.94	--	--	--	5.89	15.05	15.05
LAI-1	8/25/2009	20.94	--	--	--	8.10	12.84	12.84
LAI-1	3/22/2010	20.94	--	--	--	6.10	14.84	14.84
LAI-1	8/23/2010	20.94	--	--	--	7.52	13.42	13.42
LAI-1	2/7/2011	20.94	--	--	--	4.78	16.16	--
LAI-1	5/27/2011	20.94			Not Monitored			
LAI-1	8/8/2011	20.94	--	--	--	7.13	13.81	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-1	11/14/2011	20.94	--	--	--	8.50	12.44	--
LAI-1	2/20/2012	20.94	--	--	--	5.47	15.47	--
LAI-1	8/22/2012	20.94	--	--	--	6.91	14.03	--
LAI-1	11/5/2012	20.94	--	--	--	5.84	15.10	--
LAI-1	1/28/2013	20.94	--	--	--	4.59	16.35	--
LAI-1	5/9/2013	20.94	--	--	--	5.57	15.37	--
LAI-1	8/19/2013	20.94	--	--	--	7.55	13.39	--
LAI-1	11/25/2013	20.94	--	--	--	6.08	14.86	--
LAI-1	2/14/2014	20.94	--	--	--	5.62	15.32	--
LAI-1	5/5/2014	20.94	--	--	--	4.68	16.26	--
LAI-1	8/19/2014	20.94	--	--	--	7.33	13.61	--
LAI-1	11/21/2014	20.94	--	--	--	4.87	16.07	--
LAI-2	1/17/2003	20.89	--	--	--	4.14	16.75	--
LAI-2	1/20/2003	20.89	--	--	--	4.25	16.64	16.75
LAI-2	1/31/2003	20.89	--	--	--	4.55	16.34	16.64
LAI-2	2/7/2003	20.89	--	--	--	4.41	16.48	16.34
LAI-2	2/12/2003	20.89	--	--	--	4.71	16.18	16.18
LAI-2	2/18/2003	20.89	--	--	--	5.44	15.45	15.45
LAI-2	2/21/2003	20.89	--	--	--	5.61	15.28	15.28
LAI-2	2/24/2003	20.89	--	--	--	5.89	15.00	15.00
LAI-2	3/3/2003	20.89	--	--	--	5.17	15.72	15.72
LAI-2	3/12/2003	20.89	--	--	--	5.37	15.52	15.52
LAI-2	3/14/2003	20.89	--	--	--	5.24	15.65	15.65
LAI-2	3/26/2003	20.89	--	--	--	4.61	16.28	16.28
LAI-2	3/28/2003	20.89	--	--	--	4.72	16.17	16.17
LAI-2	4/2/2003	20.89	--	--	--	5.51	15.38	15.38
LAI-2	4/4/2003	20.89	--	--	--	5.48	15.41	15.41
LAI-2	4/8/2003	20.89	--	--	--	5.55	15.34	15.34
LAI-2	4/11/2003	20.89	--	--	--	5.19	15.70	15.70
LAI-2	4/15/2003	20.89	--	--	--	4.80	16.09	16.09
LAI-2	4/17/2003	20.89	--	--	--	5.96	14.93	14.93
LAI-2	4/22/2003	20.89	--	--	--	5.33	15.56	15.56
LAI-2	4/25/2003	20.89	--	--	--	5.49	15.40	15.40
LAI-2	5/2/2003	20.89	--	--	--	5.78	15.11	15.11
LAI-2	5/6/2003	20.89	--	--	--	5.42	15.47	15.47
LAI-2	5/9/2003	20.89	--	--	--	6.30	14.59	14.59
LAI-2	5/16/2003	20.89	--	--	--	6.54	14.35	14.35
LAI-2	5/23/2003	20.89	--	--	--	6.63	14.26	14.26
LAI-2	5/28/2003	20.89	--	--	--	6.51	14.38	14.38
LAI-2	6/13/2003	20.89	--	--	--	6.91	13.98	13.98
LAI-2	6/18/2003	20.89	--	--	--	6.86	14.03	14.03
LAI-2	6/27/2003	20.89	--	--	--	6.87	14.02	14.02
LAI-2	7/7/2003	20.89	--	--	--	7.40	13.49	13.49
LAI-2	7/16/2003	20.89	--	--	--	6.52	14.37	14.37
LAI-2	7/31/2003	20.89	--	--	--	7.48	13.41	13.41
LAI-2	8/5/2003	20.89	--	--	--	7.56	13.33	13.33
LAI-2	8/11/2003	20.89	--	--	--	8.81	12.08	12.08
LAI-2	8/22/2003	20.89	--	--	--	8.99	11.90	11.90
LAI-2	8/26/2003	20.89	--	--	--	7.86	13.03	13.03
LAI-2	9/2/2003	20.89	8.03	12.86	0.01	8.04	12.86	12.87
LAI-2	9/9/2003	20.89	--	--	--	8.46	12.43	12.43
LAI-2	9/19/2003	20.89	--	--	--	8.15	12.74	12.74
LAI-2	10/14/2003	20.89	--	--	--	8.25	12.64	12.64
LAI-2	11/20/2003	20.89	--	--	--	4.82	16.07	16.07
LAI-2	12/3/2003	20.89	--	--	--	4.13	16.76	16.76
LAI-2	1/19/2004	20.89	--	--	--	3.80	17.09	17.09
LAI-2	2/24/2004	20.89	--	--	--	5.26	15.63	15.63
LAI-2	3/15/2004	20.89	--	--	--	6.21	14.68	14.68
LAI-2	4/19/2004	20.89	--	--	--	6.31	14.58	14.58
LAI-2	5/17/2004	20.89	--	--	--	6.75	14.14	14.14
LAI-2	6/22/2004	20.89	--	--	--	6.61	14.28	14.28
LAI-2	8/18/2004	20.89	--	--	--	7.82	13.07	13.07
LAI-2	9/21/2004	20.89	--	--	--	6.81	14.08	14.08
LAI-2	10/19/2004	20.89	--	--	--	5.96	14.93	14.93
LAI-2	11/23/2004	20.89	--	--	--	6.34	14.55	14.55
LAI-2	12/21/2004	20.89	--	--	--	4.35	16.54	16.54
LAI-2	1/13/2005	20.89	--	--	--	5.15	15.74	15.74
LAI-2	4/28/2005	20.89	--	--	--	4.68	16.21	16.21
LAI-2	6/1/2005	20.89	--	--	--	4.95	15.94	15.94
LAI-2	6/29/2005	20.89	--	--	--	6.69	14.20	14.20
LAI-2	7/20/2005	20.89	--	--	--	6.80	14.09	14.09
LAI-2	8/22/2005	20.89	--	--	--	6.93	13.96	13.96
LAIx-2	9/12/2005	20.67	--	--	--	10.23	10.44	10.44
LAIx-2	10/12/2005	20.67	--	--	--	9.91	10.76	10.76
LAIx-2	11/21/2005	20.67	--	--	--	8.23	12.44	12.44
LAIx-2	12/27/2005	20.67	--	--	--	6.92	13.75	13.75
LAIx-2	1/30/2006	20.67	--	--	--	5.34	15.33	15.33
LAIx-2	2/16/2006	20.67	7.39	13.28	0.01	7.40	13.28	13.29
LAIx-2	3/13/2006	20.67	--	--	--	7.71	12.96	12.96
LAIx-2	4/18/2006	20.67	--	--	--	7.89	12.78	12.78
LAIx-2	5/12/2006	20.67	--	--	--	8.83	11.84	11.84
LAIx-2	6/9/2006	20.67	--	--	--	8.16	12.51	12.51
LAIx-2	7/13/2006	20.67	--	--	--	9.43	11.24	11.24
LAIx-2	8/16/2006	20.67	--	--	--	10.17	10.50	10.50
LAIx-2	9/19/2006	20.67	--	--	--	9.65	11.02	11.02
LAIx-2	10/13/2006	20.67	--	--	--	9.62	11.05	11.05
LAIx-2	11/20/2006	20.67	--	--	--	5.33	15.34	15.34
LAIx-2	12/8/2006	20.67	--	--	--	6.14	14.53	14.53
LAIx-2	1/19/2007	20.67	--	--	--	5.75	14.92	14.92
LAIx-2	2/19/2007	20.67	--	--	--	7.51	13.16	13.16
LAIx-2	3/15/2007	20.67	--	--	--	6.50	14.17	14.17
LAIx-2	4/16/2007	20.67	--	--	--	7.14	13.53	13.53
LAIx-2	5/14/2007	20.67	--	--	--	8.17	12.50	12.50
LAIx-2	6/29/2007	20.67	--	--	--	8.86	11.81	11.81
LAIx-2	7/20/2007	20.67	--	--	--	9.13	11.54	11.54
LAIx-2	8/21/2007	20.67	--	--	--	9.30	11.37	11.37
LAIx-2	9/10/2007	20.67	--	--	--	9.18	11.49	11.49
LAIx-2	10/22/2007	20.67	--	--	--	7.30	13.37	13.37
LAIx-2	11/28/2007	20.67	--	--	--	6.72	13.95	13.95

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAIx-2	12/13/2007	20.67	--	--	--	4.96	15.71	15.71
LAIx-2	1/21/2008	20.67	--	--	--	5.24	15.43	15.43
LAIx-2	2/24/2008	20.67	--	--	--	5.94	14.73	14.73
LAIx-2	3/24/2008	20.67	--	--	--	6.37	14.30	14.30
LAIx-2	8/25/2008	20.67	--	--	--	7.96	12.71	12.71
LAIx-2	2/18/2009	20.67	--	--	--	6.04	14.63	14.63
LAIx-2	8/25/2009	20.67	--	--	--	8.78	11.89	11.89
LAIx-2	3/22/2010	20.67	--	--	--	6.42	14.25	14.25
LAIx-2	8/23/2010	20.67	--	--	--	8.20	12.47	12.47
LAIx-2	2/7/2011	20.67	--	--	--	4.80	15.87	--
LAIx-2	5/27/2011	20.67	--	--	--	6.65	14.02	--
LAIx-2	8/8/2011	20.67	--	--	--	7.41	13.26	--
LAIx-2	11/14/2011	20.67	--	--	--	6.94	13.73	--
LAIx-2	2/20/2012	20.67	--	--	--	5.54	15.13	--
LAIx-2	8/22/2012	20.67	--	--	--	6.94	13.73	--
LAIx-2	11/5/2012	20.67	--	--	--	5.65	15.02	--
LAIx-2	1/28/2013	20.67	--	--	--	4.64	16.03	--
LAIx-2	5/9/2013	20.67	--	--	--	8.38	12.29	--
LAIx-2	8/19/2013	20.67	--	--	--	10.60	10.07	--
LAIx-2	11/25/2013	20.67	--	--	--	7.92	12.75	--
LAIx-2	2/14/2014	20.67	--	--	--	7.42	13.25	--
LAIx-2	5/5/2014	20.67	--	--	--	6.19	14.48	--
LAIx-2	8/19/2014	20.67	--	--	--	9.12	11.55	--
LAIx-2	11/21/2014	20.67	--	--	--	6.89	13.78	--
LAI-3	1/17/2003	20.74	--	--	--	4.37	16.37	--
LAI-3	1/20/2003	20.74	--	--	--	4.28	16.46	16.37
LAI-3	1/31/2003	20.74	--	--	--	4.94	15.80	16.46
LAI-3	2/7/2003	20.74	--	--	--	4.41	16.33	15.80
LAI-3	2/12/2003	20.74	--	--	--	4.70	16.04	16.04
LAI-3	2/18/2003	20.74	--	--	--	5.21	15.53	15.53
LAI-3	2/21/2003	20.74	--	--	--	5.58	15.16	15.16
LAI-3	2/24/2003	20.74	--	--	--	5.66	15.08	15.08
LAI-3	3/3/2003	20.74	--	--	--	5.13	15.61	15.61
LAI-3	3/12/2003	20.74	--	--	--	5.32	15.42	15.42
LAI-3	3/14/2003	20.74	--	--	--	5.16	15.58	15.58
LAI-3	3/26/2003	20.74	--	--	--	4.65	16.09	16.09
LAI-3	3/28/2003	20.74	--	--	--	4.75	15.99	15.99
LAI-3	4/2/2003	20.74	--	--	--	5.57	15.17	15.17
LAI-3	4/4/2003	20.74	--	--	--	5.53	15.21	15.21
LAI-3	4/8/2003	20.74	--	--	--	5.69	15.05	15.05
LAI-3	4/11/2003	20.74	--	--	--	5.15	15.59	15.59
LAI-3	4/15/2003	20.74	--	--	--	4.75	15.99	15.99
LAI-3	4/17/2003	20.74	--	--	--	6.08	14.66	14.66
LAI-3	4/22/2003	20.74	--	--	--	5.27	15.47	15.47
LAI-3	4/25/2003	20.74	--	--	--	5.45	15.29	15.29
LAI-3	5/2/2003	20.74	--	--	--	5.76	14.98	14.98
LAI-3	5/6/2003	20.74	--	--	--	5.61	15.13	15.13
LAI-3	5/9/2003	20.74	--	--	--	6.30	14.44	14.44
LAI-3	5/16/2003	20.74	--	--	--	6.53	14.21	14.21
LAI-3	5/23/2003	20.74	--	--	--	6.57	14.17	14.17
LAI-3	5/28/2003	20.74	--	--	--	6.44	14.30	14.30
LAI-3	6/13/2003	20.74	--	--	--	6.85	13.89	13.89
LAI-3	6/18/2003	20.74	--	--	--	6.81	13.93	13.93
LAI-3	6/27/2003	20.74	--	--	--	6.83	13.91	13.91
LAI-3	7/7/2003	20.74	--	--	--	7.32	13.42	13.42
LAI-3	7/16/2003	20.74	--	--	--	6.47	14.27	14.27
LAI-3	7/31/2003	20.74	--	--	--	7.37	13.37	13.37
LAI-3	8/5/2003	20.74	--	--	--	7.49	13.25	13.25
LAI-3	8/11/2003	20.74	--	--	--	7.68	13.06	13.06
LAI-3	8/22/2003	20.74	--	--	--	8.74	12.00	12.00
LAI-3	8/26/2003	20.74	--	--	--	7.74	13.00	13.00
LAI-3	9/2/2003	20.74	--	--	--	8.03	12.71	12.71
LAI-3	9/9/2003	20.74	--	--	--	8.45	12.29	12.29
LAI-3	9/19/2003	20.74	--	--	--	8.10	12.64	12.64
LAI-3	10/14/2003	20.74	--	--	--	8.20	12.54	12.54
LAI-3	11/20/2003	20.74	--	--	--	4.77	15.97	15.97
LAI-3	12/3/2003	20.74	--	--	--	4.08	16.66	16.66
LAI-3	1/19/2004	20.74	--	--	--	3.55	17.19	17.19
LAI-3	2/24/2004	20.74	--	--	--	5.23	15.51	15.51
LAI-3	3/15/2004	20.74	--	--	--	6.20	14.54	14.54
LAI-3	4/19/2004	20.74	--	--	--	6.21	14.53	14.53
LAI-3	5/17/2004	20.74	--	--	--	6.66	14.08	14.08
LAI-3	6/22/2004	20.74	--	--	--	6.46	14.28	14.28
LAI-3	8/18/2004	20.74	--	--	--	7.76	12.98	12.98
LAI-3	9/21/2004	20.74	--	--	--	6.70	14.04	14.04
LAI-3	10/19/2004	20.74	--	--	--	5.82	14.92	14.92
LAI-3	11/23/2004	20.74	--	--	--	6.14	14.60	14.60
LAI-3	12/21/2004	20.74	--	--	--	4.22	16.52	16.52
LAI-3	1/13/2005	20.74	--	--	--	5.03	15.71	15.71
LAI-3	4/28/2005	20.74	--	--	--	4.55	16.19	16.19
LAI-3	6/1/2005	20.74	--	--	--	4.86	15.88	15.88
LAI-3	6/29/2005	20.74	--	--	--	6.69	14.05	14.05
LAI-3	7/20/2005	20.74	--	--	--	6.71	14.03	14.03
LAI-3	8/22/2005	20.74	--	--	--	6.82	13.92	13.92
LAI-3	5/27/2011	20.74			Not Monitored			
LAIx-3	9/12/2005	20.74	--	--	--	10.31	10.43	10.43
LAIx-3	10/12/2005	20.74	--	--	--	9.99	10.75	10.75
LAIx-3	11/21/2005	20.74	8.31	12.43	0.01	8.32	12.43	12.44
LAIx-3	12/27/2005	20.74	--	--	--	7.15	13.59	13.59
LAIx-3	1/30/2006	20.74	6.00	14.74	0.01	6.01	14.74	14.75
LAIx-3	2/16/2006	20.74	--	--	--	7.85	12.89	12.89
LAIx-3	3/13/2006	20.74	--	--	--	8.18	12.56	12.56
LAIx-3	4/18/2006	20.74	--	--	--	8.36	12.38	12.38
LAIx-3	5/12/2006	20.74	--	--	--	8.87	11.87	11.87
LAIx-3	6/9/2006	20.74	--	--	--	8.65	12.09	12.09
LAIx-3	7/13/2006	20.74	--	--	--	9.90	10.84	10.84
LAIx-3	8/16/2006	20.74	--	--	--	10.63	10.11	10.11
LAIx-3	9/19/2006	20.74	--	--	--	10.25	10.49	10.49
LAIx-3	10/13/2006	20.74	--	--	--	10.28	10.46	10.46

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAIx-3	11/20/2006	20.74	--	--	--	7.14	13.60	13.60
LAIx-3	12/8/2006	20.74	--	--	--	7.84	12.90	12.90
LAIx-3	1/19/2007	20.74	--	--	--	7.61	13.13	13.13
LAIx-3	2/19/2007	20.74	--	--	--	7.86	12.88	12.88
LAIx-3	3/15/2007	20.74	--	--	--	7.34	13.40	13.40
LAIx-3	4/16/2007	20.74	--	--	--	7.86	12.88	12.88
LAIx-3	5/14/2007	20.74	--	--	--	8.61	12.13	12.13
LAIx-3	6/29/2007	20.74	--	--	--	9.27	11.47	11.47
LAIx-3	7/20/2007	20.74	--	--	--	9.59	11.15	11.15
LAIx-3	8/21/2007	20.74	--	--	--	9.80	10.94	10.94
LAIx-3	9/10/2007	20.74	--	--	--	9.92	10.82	10.82
LAIx-3	10/22/2007	20.74	--	--	--	8.48	12.26	12.26
LAIx-3	11/28/2007	20.74	--	--	--	8.10	12.64	12.64
LAIx-3	12/13/2007	20.74	--	--	--	6.13	14.61	14.61
LAIx-3	1/21/2008	20.74	--	--	--	6.73	14.01	14.01
LAIx-3	2/24/2008	20.74	--	--	--	7.31	13.43	13.43
LAIx-3	3/24/2008	20.74	--	--	--	7.45	13.29	13.29
LAIx-3	8/25/2008	20.74	--	--	--	9.91	10.83	10.83
LAIx-3	2/18/2009	20.74	--	--	--	7.68	13.06	13.06
LAIx-3	8/25/2009	20.74	--	--	--	9.83	10.91	10.91
LAIx-3	3/22/2010	20.74	--	--	--	7.60	13.14	13.14
LAIx-3	8/23/2010	20.74	--	--	--	9.31	11.43	11.43
LAIx-3	2/7/2011	20.74	--	--	--	5.73	15.01	--
LAIx-3	5/27/2011	20.74			Not Monitored			
LAIx-3	8/8/2011	20.74	--	--	--	9.06	11.68	--
LAIx-3	11/14/2011	20.74	--	--	--	7.17	13.57	--
LAIx-3	2/20/2012	20.74	--	--	--	7.30	13.44	--
LAIx-3	8/22/2012	20.74	--	--	--	9.11	11.63	--
LAIx-3	11/5/2012	20.74	--	--	--	6.55	14.19	--
LAIx-3	1/28/2013	20.74	--	--	--	6.09	14.65	--
LAIx-3	5/9/2013	20.74	--	--	--	7.02	13.72	--
LAIx-3	8/19/2013	20.74	--	--	--	9.76	10.98	--
LAIx-3	11/25/2013	20.74	--	--	--	7.83	12.91	--
LAIx-3	2/14/2014	20.74	--	--	--	6.98	13.76	--
LAIx-3	5/5/2014	20.74	--	--	--	5.91	14.83	--
LAIx-3	8/19/2014	20.74	--	--	--	8.52	12.22	--
LAIx-3	11/21/2014	20.74	--	--	--	6.34	14.40	--
LAI-4	1/22/2003	22.43	6.87	15.56	0.43	7.30	15.45	--
LAI-4	1/23/2003	22.43	7.48	14.95	0.20	7.68	14.90	15.78
LAI-4	1/24/2003	22.43	6.72	15.71	0.67	7.39	15.54	15.05
LAI-4	1/27/2003	22.43	4.47	17.96	4.67	9.14	16.79	16.05
LAI-4	1/28/2003	22.43	4.97	17.46	4.43	9.40	16.35	19.68
LAI-4	1/29/2003	22.43	7.40	15.03	0.05	7.45	15.02	15.06
LAI-4	1/30/2003	22.43	7.88	14.55	0.06	7.94	14.54	14.58
LAI-4	2/3/2003	22.43	6.25	16.18	2.16	8.41	15.64	17.26
LAI-4	2/6/2003	23.88	6.28	17.60	1.04	7.32	17.34	18.12
LAI-4	2/11/2003	23.88	7.54	16.34	1.44	8.98	15.98	17.06
LAI-4	2/18/2003	23.88	9.28	14.60	0.17	9.45	14.56	14.69
LAI-4	2/21/2003	23.88	9.11	14.77	0.09	9.20	14.75	14.82
LAI-4	2/26/2003	23.88	8.37	15.51	1.35	9.72	15.17	16.19
LAI-4	3/3/2003	23.88	8.57	15.31	0.86	9.43	15.10	15.74
LAI-4	3/12/2003	23.88	8.80	15.08	0.14	8.94	15.05	15.15
LAI-4	3/14/2003	23.88	8.68	15.20	0.14	8.82	15.17	15.27
LAI-4	3/26/2003	23.88	--	--	--	9.06	14.82	14.82
LAI-4	3/28/2003	23.88	--	--	--	9.28	14.60	14.60
LAI-4	4/2/2003	23.88	8.21	15.67	0.08	8.29	15.65	15.71
LAI-4	4/4/2003	23.88	8.58	15.30	0.04	8.62	15.29	15.32
LAI-4	4/8/2003	23.88	8.51	15.37	0.13	8.64	15.34	15.44
LAI-4	4/11/2003	23.88	8.78	15.10	0.14	8.92	15.07	15.17
LAI-4	4/15/2003	23.88	7.86	16.02	0.95	8.81	15.78	16.50
LAI-4	4/17/2003	23.88	9.19	14.69	0.02	9.21	14.69	14.70
LAI-4	4/22/2003	23.88	6.61	17.27	0.19	6.80	17.22	17.37
LAI-4	4/25/2003	23.88	8.96	14.92	0.25	9.21	14.86	15.05
LAI-4	5/2/2003	23.88	9.06	14.82	0.10	9.16	14.80	14.87
LAI-4	5/6/2003	23.88	8.56	15.32	1.85	10.41	14.86	16.25
LAI-4	5/9/2003	23.88	10.96	12.92	0.02	10.98	12.92	12.93
LAI-4	5/23/2003	23.88	10.17	13.71	0.02	10.19	13.71	13.72
LAI-4	5/28/2003	23.88	9.81	14.07	0.03	9.84	14.06	14.09
LAI-4	6/13/2003	23.88	10.09	13.79	0.03	10.12	13.78	13.81
LAI-4	6/18/2003	23.88	10.05	13.83	0.08	10.13	13.81	13.87
LAI-4	6/27/2003	23.88	9.92	13.96	0.82	10.74	13.76	14.37
LAI-4	7/7/2003	23.88	10.27	13.61	1.44	11.71	13.25	14.33
LAI-4	7/16/2003	23.88	9.92	13.96	2.10	12.02	13.44	15.01
LAI-4	7/31/2003	23.88	10.58	13.30	1.12	11.70	13.02	13.86
LAI-4	8/5/2003	23.88	10.32	13.56	1.97	12.29	13.07	14.55
LAI-4	8/11/2003	23.88	11.70	12.18	1.09	12.79	11.91	12.73
LAI-4	8/22/2003	23.88	11.96	11.92	1.28	13.24	11.60	12.56
LAI-4	8/26/2003	23.88	11.09	12.79	1.15	12.24	12.50	13.37
LAI-4	9/2/2003	23.88	11.04	12.84	1.32	12.36	12.51	13.50
LAI-4	9/9/2003	23.88	11.10	12.78	2.16	13.26	12.24	13.86
LAI-4	9/19/2003	23.88	11.14	12.74	1.35	12.49	12.40	13.42
LAI-4	10/14/2003	23.88	11.21	12.67	1.59	12.80	12.27	13.47
LAI-4	11/20/2003	23.88	8.21	15.67	0.09	8.30	15.65	15.72
LAI-4	12/3/2003	23.88	7.12	16.76	1.06	8.18	16.50	17.29
LAI-4	1/19/2004	23.88	6.84	17.04	0.72	7.56	16.86	17.40
LAI-4	2/24/2004	23.88	8.25	15.63	0.65	8.90	15.47	15.96
LAI-4	3/15/2004	23.88	9.42	14.46	0.09	9.51	14.44	14.51
LAI-4	4/19/2004	23.88	9.19	14.69	0.01	9.20	14.69	14.70
LAI-4	5/17/2004	23.88	--	--	--	10.05	13.83	13.83
LAI-4	6/22/2004	23.88	--	--	--	9.98	13.90	13.90
LAI-4	8/18/2004	23.88	11.20	12.68	0.05	11.25	12.67	12.71
LAI-4	9/21/2004	23.88	--	--	--	10.05	13.83	13.83
LAI-4	10/19/2004	24.88	--	--	--	9.23	15.65	15.65
LAI-4	11/23/2004	24.88	--	--	--	9.45	15.43	15.43
LAI-4	12/21/2004	24.88	--	--	--	7.60	17.28	17.28
LAI-4	1/13/2005	24.88	--	--	--	8.37	16.51	16.51
LAI-4	4/28/2005	24.88	--	--	--	8.57	16.31	16.31
LAI-4	6/1/2005	24.88	--	--	--	8.15	16.73	16.73
LAI-4	6/29/2005	24.88	--	--	--	10.05	14.83	14.83
LAI-4	7/20/2005	24.88	--	--	--	10.45	14.43	14.43

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-4	8/22/2005	24.88	--	--	--	10.12	14.76	14.76
LAI-4	5/27/2011	24.88			Not Monitored			
LAIx-4	9/12/2005	25.50	--	--	--	14.15	11.35	11.35
LAIx-4	10/12/2005	25.50	--	--	--	14.78	10.72	10.72
LAIx-4	11/21/2005	25.50	12.76	12.74	0.01	12.77	12.74	12.75
LAIx-4	12/27/2005	25.50	--	--	--	11.95	13.55	13.55
LAIx-4	1/30/2006	25.50	--	--	--	10.60	14.90	14.90
LAIx-4	2/16/2006	25.50	--	--	--	12.68	12.82	12.82
LAIx-4	3/13/2006	25.50	--	--	--	12.95	12.55	12.55
LAIx-4	4/18/2006	25.50	--	--	--	13.05	12.45	12.45
LAIx-4	5/12/2006	25.50	--	--	--	13.70	11.80	11.80
LAIx-4	6/9/2006	25.50	--	--	--	13.45	12.05	12.05
LAIx-4	7/13/2006	25.50	--	--	--	15.65	9.85	9.85
LAIx-4	8/16/2006	25.50	15.41	10.09	0.02	15.43	10.09	10.10
LAIx-4	9/19/2006	25.50	--	--	--	15.05	10.45	10.45
LAIx-4	10/13/2006	25.50	--	--	--	15.13	10.37	10.37
LAIx-4	11/20/2006	25.50	--	--	--	12.43	13.07	13.07
LAIx-4	12/8/2006	25.50	--	--	--	12.76	12.74	12.74
LAIx-4	1/19/2007	25.50	--	--	--	12.38	13.12	13.12
LAIx-4	2/19/2007	25.50	--	--	--	12.96	12.54	12.54
LAIx-4	3/15/2007	25.50	--	--	--	12.70	12.80	12.80
LAIx-4	4/16/2007	25.50	--	--	--	13.11	12.39	12.39
LAIx-4	5/14/2007	25.50	--	--	--	13.73	11.77	11.77
LAIx-4	6/29/2007	25.50	--	--	--	14.19	11.31	11.31
LAIx-4	7/20/2007	25.50	--	--	--	14.57	10.93	10.93
LAIx-4	8/21/2007	25.50	--	--	--	14.74	10.76	10.76
LAIx-4	9/10/2007	25.50	--	--	--	14.82	10.68	10.68
LAIx-4	10/22/2007	25.50	--	--	--	13.64	11.86	11.86
LAIx-4	11/28/2007	25.50	--	--	--	13.45	12.05	12.05
LAIx-4	12/13/2007	25.50	--	--	--	12.80	12.70	12.70
LAIx-4	1/21/2008	25.50	--	--	--	8.78	16.72	16.72
LAIx-4	2/24/2008	25.50	--	--	--	13.23	12.27	12.27
LAIx-4	3/24/2008	25.50	--	--	--	12.81	12.69	12.69
LAIx-4	8/25/2008	25.50	--	--	--	13.97	11.53	11.53
LAIx-4	2/18/2009	22.50	--	--	--	13.44	9.06	9.06
LAIx-4	8/25/2009	22.50	--	--	--	15.09	7.41	7.41
LAIx-4	3/22/2010	22.50	--	--	--	13.20	9.30	9.30
LAIx-4	8/23/2010	25.50	--	--	--	12.67	12.83	12.83
LAIx-4	2/7/2011	25.50	--	--	--	12.68	12.82	--
LAIx-4	5/27/2011	25.50			Not Monitored			
LAI-5	1/22/2003	23.04	6.55	16.49	4.18	10.73	15.45	18.58
LAI-5	1/23/2003	23.04	6.54	16.50	4.02	10.56	15.50	18.51
LAI-5	1/24/2003	23.04	6.40	16.64	3.92	10.32	15.66	18.60
LAI-5	1/27/2003	23.04	5.51	17.53	3.66	9.17	16.62	19.36
LAI-5	1/28/2003	23.04	6.85	16.19	0.55	7.40	16.05	16.47
LAI-5	1/29/2003	23.04	6.20	16.84	4.20	10.40	15.79	18.94
LAI-5	1/30/2003	23.04	6.31	16.73	4.04	10.35	15.72	18.75
LAI-5	2/3/2003	23.04	6.36	16.68	3.29	9.65	15.86	18.33
LAI-5	2/6/2003	24.52	7.18	17.34	3.57	10.75	16.45	19.13
LAI-5	2/11/2003	24.52	7.53	16.99	3.64	11.17	16.08	18.81
LAI-5	2/18/2003	24.52	6.50	18.02	4.75	11.25	16.83	20.40
LAI-5	2/21/2003	24.52	8.21	16.31	3.30	11.51	15.49	17.96
LAI-5	2/26/2003	24.52	7.78	16.74	3.23	11.01	15.93	18.36
LAI-5	3/4/2003	24.52	7.78	16.74	3.23	11.01	15.93	18.36
LAI-5	3/12/2003	24.52	8.32	16.20	3.36	11.68	15.36	17.88
LAI-5	3/14/2003	24.52	8.36	16.16	3.08	11.44	15.39	17.70
LAI-5	3/26/2003	24.52	--	--	--	10.01	14.51	14.51
LAI-5	3/28/2003	24.52	--	--	--	9.96	14.56	14.56
LAI-5	4/2/2003	24.52	8.52	16.00	0.83	9.35	15.79	16.42
LAI-5	4/4/2003	24.52	8.90	15.62	0.68	9.58	15.45	15.96
LAI-5	4/8/2003	24.52	8.96	15.56	0.55	9.51	15.42	15.84
LAI-5	4/11/2003	24.52	8.72	15.80	1.62	10.34	15.40	16.61
LAI-5	4/15/2003	24.52	8.01	16.51	2.43	10.44	15.90	17.73
LAI-5	4/17/2003	24.52	9.60	14.92	0.16	9.76	14.88	15.00
LAI-5	4/22/2003	24.52	9.04	15.48	0.39	9.43	15.38	15.68
LAI-5	4/25/2003	24.52	9.05	15.47	2.10	11.15	14.95	16.52
LAI-5	5/2/2003	24.52	9.48	15.04	0.24	9.72	14.98	15.16
LAI-5	5/6/2003	24.52	8.94	15.58	2.24	11.18	15.02	16.70
LAI-5	5/9/2003	24.52	10.28	14.24	0.07	10.35	14.22	14.28
LAI-5	5/23/2003	24.52	10.65	13.87	0.02	10.67	13.87	13.88
LAI-5	5/28/2003	24.52	10.36	14.16	0.09	10.45	14.14	14.21
LAI-5	6/13/2003	24.52	10.58	13.94	0.05	10.63	13.93	13.97
LAI-5	6/18/2003	24.52	10.51	14.01	0.01	10.52	14.01	14.02
LAI-5	6/27/2003	24.52	10.08	14.44	1.63	11.71	14.03	15.26
LAI-5	7/7/2003	24.52	10.52	14.00	1.85	12.37	13.54	14.93
LAI-5	7/16/2003	24.52	10.30	14.22	2.15	12.45	13.68	15.30
LAI-5	7/31/2003	24.52	10.77	13.75	1.67	12.44	13.33	14.59
LAI-5	8/5/2003	24.52	11.30	13.22	2.35	13.65	12.63	14.40
LAI-5	8/11/2003	24.52	--	--	--	12.22	12.30	12.30
LAI-5	8/22/2003	24.52	--	--	--	12.34	12.18	12.18
LAI-5	8/26/2003	24.52	12.39	12.13	1.29	13.68	11.81	12.78
LAI-5	9/2/2003	24.52	11.57	12.95	0.03	11.60	12.94	12.97
LAI-5	9/9/2003	24.52	11.14	13.38	2.49	13.63	12.76	14.63
LAI-5	9/19/2003	24.52	11.89	12.63	0.57	12.46	12.49	12.92
LAI-5	10/14/2003	24.52	12.13	12.39	0.45	12.58	12.28	12.62
LAI-5	11/20/2003	24.52	--	--	--	8.72	15.80	15.80
LAI-5	12/3/2003	24.52	7.76	16.76	0.33	8.09	16.68	16.93
LAI-5	1/19/2004	24.52	7.38	17.14	0.07	7.45	17.12	17.18
LAI-5	2/24/2004	24.52	8.65	15.87	0.11	8.76	15.84	15.93
LAI-5	3/15/2004	24.52	--	--	--	9.94	14.58	14.58
LAI-5	4/19/2004	24.52	--	--	--	10.19	14.33	14.33
LAI-5	5/17/2004	24.52	--	--	--	11.14	13.38	13.38
LAI-5	6/22/2004	24.52	11.10	13.42	0.01	11.11	13.42	13.43
LAI-5	8/18/2004	24.52	--	--	--	12.17	12.35	12.35
LAI-5	9/21/2004	24.52	--	--	--	11.16	13.36	13.36
LAI-5	10/19/2004	25.52	--	--	--	10.29	15.23	15.23
LAI-5	11/23/2004	25.52	--	--	--	10.48	15.04	15.04
LAI-5	12/21/2004	25.52	--	--	--	8.99	16.53	16.53
LAI-5	1/13/2005	25.52	--	--	--	9.47	16.05	16.05

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-5	4/28/2005	25.52	--	--	--	9.32	16.20	16.20
LAI-5	6/1/2005	25.52	--	--	--	9.61	15.91	15.91
LAI-5	6/29/2005	25.52	--	--	--	11.40	14.12	14.12
LAI-5	7/20/2005	25.52	--	--	--	11.47	14.05	14.05
LAI-5	8/22/2005	25.52	--	--	--	11.44	14.08	14.08
LAI-5	5/27/2011	25.52			Not Monitored			
LAIx-5	9/12/2005	25.63	--	--	--	14.18	11.45	11.45
LAIx-5	10/12/2005	25.63	--	--	--	14.58	11.05	11.05
LAIx-5	11/21/2005	25.63	--	--	--	12.08	13.55	13.55
LAIx-5	12/27/2005	25.63	11.10	14.53	0.05	11.15	14.52	14.56
LAIx-5	1/30/2006	25.63	7.33	18.30	2.73	10.06	17.62	19.67
LAIx-5	2/16/2006	25.63	12.10	13.53	0.00	12.10	13.53	13.53
LAIx-5	3/13/2006	25.63	--	--	--	12.71	12.92	12.92
LAIx-5	4/18/2006	25.63	10.60	15.03	2.69	13.29	14.36	16.38
LAIx-5	5/12/2006	25.63	11.10	14.53	3.33	14.43	13.70	16.20
LAIx-5	6/9/2006	25.63	12.54	13.09	0.01	12.55	13.09	13.10
LAIx-5	7/13/2006	25.63	13.10	12.53	0.15	13.25	12.49	12.61
LAIx-5	8/16/2006	25.63	--	--	--	13.80	11.83	11.83
LAIx-5	9/19/2006	25.63	--	--	--	14.35	11.28	11.28
LAIx-5	10/13/2006	25.63	--	--	--	13.80	11.83	11.83
LAIx-5	11/20/2006	25.63	9.82	15.81	0.27	10.09	15.74	15.95
LAIx-5	12/8/2006	25.63	9.92	15.71	0.80	10.72	15.51	16.11
LAIx-5	1/19/2007	25.63	8.94	16.69	1.31	10.25	16.36	17.35
LAIx-5	2/19/2007	25.63	10.04	15.59	0.25	10.29	15.53	15.72
LAIx-5	3/15/2007	25.63	9.29	16.34	0.25	9.54	16.28	16.47
LAIx-5	4/16/2007	25.63	10.46	15.17	0.16	10.62	15.13	15.25
LAIx-5	5/14/2007	25.63	11.63	14.00	0.02	11.65	14.00	14.01
LAIx-5	6/29/2007	25.63	--	--	--	11.88	13.75	13.75
LAIx-5	7/20/2007	25.63	--	--	--	12.59	13.04	13.04
LAIx-5	8/21/2007	25.63	--	--	--	13.18	12.45	12.45
LAIx-5	9/10/2007	25.63	--	--	--	15.47	10.16	10.16
LAIx-5	10/22/2007	25.63	--	--	--	11.95	13.68	13.68
LAIx-5	11/28/2007	25.63	--	--	--	11.37	14.26	14.26
LAIx-5	12/13/2007	25.63	10.82	14.81	0.13	10.95	14.78	14.88
LAIx-5	1/21/2008	25.63	--	--	--	11.68	13.95	13.95
LAIx-5	2/24/2008	25.63	--	--	--	10.13	15.50	15.50
LAIx-5	3/24/2008	25.63	--	--	--	11.11	14.52	14.52
LAIx-5	8/25/2008	25.63	--	--	--	12.30	13.33	13.33
LAIx-5	2/18/2009	25.63	--	--	--	10.65	14.98	14.98
LAIx-5	8/25/2009	25.63	--	--	--	12.92	12.71	12.71
LAIx-5	3/22/2010	25.63	10.79	14.84	0.01	10.80	14.84	14.86
LAIx-5	8/23/2010	25.63			DRY			--
LAIx-5	2/7/2011	25.63		9.80	0.05	9.85	15.82	--
LAIx-5	5/27/2011	25.63			Not Monitored			
LAIX-5	11/14/2016	25.63	--	--	--	8.83	16.80	--
LAIX-5	2/17/2017	25.63	--	--	--	7.82	17.81	18.08
LAIX-5	5/24/2017	25.63	--	--	--	8.83	16.80	18.34
LAIX-5	9/26/2017	25.63	--	--	--	11.46	14.17	18.54
LAIX-5	9/28/2017	--	--	--	--	--	--	--
LAIX-5	12/11/2017	25.63	--	--	--	7.02	18.61	--
LAIX-5	2/26/2018	25.63	--	--	--	7.87	17.76	--
LAIX-5	6/11/2018	25.63	--	--	--	10.99	14.64	--
LAIX-5	8/27/2018	25.63	--	--	--	11.78	13.85	--
LAIX-5	12/17/2018	25.63	--	--	--	7.18	18.45	--
LAI-6	1/22/2003	22.86	6.67	16.19	3.78	10.45	15.25	--
LAI-6	1/23/2003	22.86	6.45	16.41	3.85	10.30	15.45	--
LAI-6	1/24/2003	22.86	6.32	16.54	4.00	10.32	15.54	--
LAI-6	1/27/2003	22.86	5.68	17.18	3.37	9.05	16.34	18.87
LAI-6	1/28/2003	22.86	6.91	15.95	0.93	7.84	15.72	16.42
LAI-6	1/29/2003	22.86	6.51	16.35	2.53	9.04	15.72	17.62
LAI-6	1/30/2003	22.86	6.36	16.50	3.60	9.96	15.60	18.30
LAI-6	2/3/2003	22.86	6.27	16.59	3.69	9.96	15.67	18.44
LAI-6	2/6/2003	22.86	5.79	17.07	3.79	9.58	16.12	18.97
LAI-6	2/11/2003	22.86	6.03	16.83	3.61	9.64	15.93	18.64
LAI-6	2/18/2003	22.86	7.98	14.88	0.42	8.40	14.78	15.09
LAI-6	2/21/2003	22.86	7.57	15.29	0.54	8.11	15.16	15.56
LAI-6	2/26/2003	22.86	7.15	15.71	0.47	7.62	15.59	15.95
LAI-6	3/3/2003	22.86	8.01	14.85	0.45	8.46	14.74	15.08
LAI-6	3/12/2003	22.86	7.46	15.40	0.23	7.69	15.34	15.52
LAI-6	3/14/2003	22.86	7.72	15.14	0.19	7.91	15.09	15.24
LAI-6	3/26/2003	22.86	6.37	16.49	1.45	7.82	16.13	17.22
LAI-6	3/28/2003	22.86	7.10	15.76	1.65	8.75	15.35	16.59
LAI-6	4/2/2003	22.86	6.65	16.21	2.15	8.80	15.67	17.29
LAI-6	4/4/2003	22.86	7.06	15.80	1.74	8.80	15.37	16.67
LAI-6	4/8/2003	22.86	7.13	15.73	1.70	8.83	15.31	16.58
LAI-6	4/11/2003	22.86	7.22	15.64	0.88	8.10	15.42	16.08
LAI-6	4/15/2003	22.86	6.56	16.30	1.82	8.38	15.85	17.21
LAI-6	4/17/2003	22.86	7.61	15.25	1.74	9.35	14.82	16.12
LAI-6	4/22/2003	22.86	7.16	15.70	1.65	8.81	15.29	16.53
LAI-6	4/25/2003	22.86	7.70	15.16	0.83	8.53	14.95	15.58
LAI-6	5/2/2003	22.86	7.61	15.25	1.65	9.26	14.84	16.08
LAI-6	5/6/2003	22.86	8.45	14.41	0.99	9.44	14.16	14.91
LAI-6	5/9/2003	22.86	8.00	14.86	1.95	9.95	14.37	15.84
LAI-6	5/23/2003	22.86	8.41	14.45	2.00	10.41	13.95	15.45
LAI-6	5/28/2003	22.86	8.23	14.63	1.78	10.01	14.19	15.52
LAI-6	6/13/2003	22.86	8.50	14.36	2.11	10.61	13.83	15.42
LAI-6	6/18/2003	22.86	8.46	14.40	2.10	10.56	13.88	15.45
LAI-6	6/27/2003	22.86	9.91	12.95	0.77	10.68	12.76	13.34
LAI-6	7/7/2003	22.86	8.98	13.88	2.08	11.06	13.36	14.92
LAI-6	7/16/2003	22.86	8.75	14.11	2.20	10.95	13.56	15.21
LAI-6	7/31/2003	22.86	9.14	13.72	2.06	11.20	13.21	14.75
LAI-6	8/5/2003	22.86	9.15	13.71	2.01	11.16	13.21	14.72
LAI-6	8/11/2003	22.86	10.24	12.62	1.97	12.21	12.13	13.61
LAI-6	8/22/2003	22.86	10.45	12.41	1.90	12.35	11.94	13.36
LAI-6	8/26/2003	22.86	9.78	13.08	0.02	9.80	13.08	13.09
LAI-6	9/2/2003	22.86	10.13	12.73	0.90	11.03	12.51	13.18
LAI-6	9/9/2003	22.86	10.48	12.38	0.79	11.27	12.18	12.78
LAI-6	9/19/2003	22.86	10.44	12.42	0.61	11.05	12.27	12.73
LAI-6	10/14/2003	22.86	9.11	13.75	0.91	10.02	13.52	14.21

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-6	11/20/2003	22.86	7.22	15.64	0.01	7.23	15.64	15.65
LAI-6	12/3/2003	22.86	6.30	16.56	0.35	6.65	16.47	16.74
LAI-6	1/19/2004	22.86	5.85	17.01	0.71	6.56	16.83	17.37
LAI-6	2/24/2004	22.86	7.52	15.34	0.11	7.63	15.31	15.40
LAI-6	3/15/2004	22.86	8.32	14.54	0.50	8.82	14.42	14.79
LAI-6	4/19/2004	22.86	8.52	14.34	0.02	8.54	14.34	14.35
LAI-6	5/17/2004	22.86	9.05	13.81	0.03	9.08	13.80	13.83
LAI-6	6/22/2004	22.86	--	--	--	8.85	14.01	14.01
LAI-6	8/18/2004	22.86	--	--	--	10.08	12.78	12.78
LAI-6	9/21/2004	22.86	--	--	--	8.95	13.91	13.91
LAI-6	10/19/2004	22.86	--	--	--	8.08	14.78	14.78
LAI-6	11/23/2004	22.86	--	--	--	8.49	14.37	14.37
LAI-6	12/21/2004	22.86	--	--	--	6.55	16.31	16.31
LAI-6	1/13/2005	22.86	7.26	15.60	0.01	7.27	15.60	15.61
LAI-6	4/28/2005	22.86	--	--	--	7.05	15.81	15.81
LAI-6	6/1/2005	22.86	--	--	--	7.68	15.18	15.18
LAI-6	6/29/2005	22.86	--	--	--	9.20	13.66	13.66
LAI-6	7/20/2005	22.86	--	--	--	9.43	13.43	13.43
LAI-6	8/22/2005	22.86	--	--	--	9.47	13.39	13.39
LAI-6	5/27/2011	22.86			Not Monitored			
LAIx-6	9/12/2005	25.25	--	--	--	11.56	13.69	13.69
LAIx-6	10/12/2005	25.25	--	--	--	12.27	12.98	12.98
LAIx-6	11/21/2005	25.25	--	--	--	10.37	14.88	14.88
LAIx-6	12/27/2005	25.25	--	--	--	9.88	15.37	15.37
LAIx-6	12/21/2004	25.25	--	--	--	9.88	15.37	15.37
LAIx-6	1/30/2006	25.25	7.28	17.97	0.01	7.29	17.97	17.98
LAIx-6	2/16/2006	25.25	--	--	--	8.81	16.44	16.44
LAIx-6	3/13/2006	25.25	9.54	15.71	0.54	10.08	15.58	15.98
LAIx-6	4/18/2006	25.25	--	--	--	9.80	15.45	15.45
LAIx-6	5/12/2006	25.25	--	--	--	10.11	15.14	15.14
LAIx-6	6/9/2006	25.25	--	--	--	9.77	15.48	15.48
LAIx-6	7/13/2006	25.25	--	--	--	10.75	14.50	14.50
LAIx-6	8/16/2006	25.25	--	--	--	11.43	13.82	13.82
LAIx-6	9/19/2006	25.25	--	--	--	12.00	13.25	13.25
LAIx-6	10/13/2006	25.25	--	--	--	11.84	13.41	13.41
LAIx-6	11/20/2006	25.25	--	--	--	8.31	16.94	16.94
LAIx-6	12/8/2006	25.25	--	--	--	8.28	16.97	16.97
LAIx-6	1/19/2007	25.25	--	--	--	7.89	17.36	17.36
LAIx-6	2/19/2007	25.25	--	--	--	9.58	15.67	15.67
LAIx-6	3/15/2007	25.25	--	--	--	8.85	16.40	16.40
LAIx-6	4/16/2007	25.25	--	--	--	9.25	16.00	16.00
LAIx-6	5/14/2007	25.25	--	--	--	10.30	14.95	14.95
LAIx-6	6/29/2007	25.25	--	--	--	11.93	13.32	13.32
LAIx-6	7/20/2007	25.25	--	--	--	12.50	12.75	12.75
LAIx-6	8/21/2007	25.25	--	--	--	12.97	12.28	12.28
LAIx-6	9/10/2007	25.25	--	--	--	13.00	12.25	12.25
LAIx-6	10/22/2007	25.25	--	--	--	11.44	13.81	13.81
LAIx-6	11/28/2007	25.25	--	--	--	10.84	14.41	14.41
LAIx-6	12/13/2007	25.25	--	--	--	10.82	14.43	14.43
LAIx-6	1/21/2008	25.25	--	--	--	10.11	15.14	15.14
LAIx-6	2/24/2008	25.25	--	--	--	10.45	14.80	14.80
LAIx-6	3/24/2008	25.25	--	--	--	10.59	14.66	14.66
LAIx-6	8/25/2008	25.25	--	--	--	11.98	13.27	13.27
LAIx-6	2/18/2009	25.25	--	--	--	10.38	14.87	14.87
LAIx-6	8/25/2009	25.25	--	--	--	12.63	12.62	12.62
LAIx-6	3/22/2010	25.25	--	--	--	10.67	14.58	14.58
LAIx-6	8/23/2010	25.25	--	--	--	10.80	14.45	14.45
LAIx-6	2/7/2011	25.25	--	--	--	9.46	15.79	--
LAIx-6	5/27/2011	25.25			Not Monitored			
LAIX-6	11/14/2016	25.25	--	--	--	8.57	16.68	--
LAIX-6	2/17/2017	25.25	--	--	--	3.90	21.35	14.27
LAIX-6	5/24/2017	25.25	--	--	--	8.10	17.15	14.78
LAIX-6	9/26/2017	25.25	--	--	--	11.39	13.86	16.01
LAIX-6	9/28/2017	25.25	--	--	--	--	--	--
LAIX-6	12/11/2017	25.25	--	--	--	7.31	17.94	--
LAIX-6	2/26/2018	25.25	--	--	--	7.88	17.37	--
LAIX-6	6/11/2018	25.25	--	--	--	9.81	15.44	--
LAIX-6	8/27/2018	25.25	--	--	--	11.39	13.86	--
LAIX-6	12/17/2018	25.25	--	--	--	7.63	17.62	--
LAI-7	1/22/2003	21.82	8.10	13.72	1.10	9.20	13.45	--
LAI-7	1/23/2003	21.82	7.58	14.24	1.07	8.65	13.97	--
LAI-7	1/24/2003	21.82	6.99	14.83	2.36	9.35	14.24	--
LAI-7	1/27/2003	21.82	5.18	16.64	5.30	10.48	15.32	19.29
LAI-7	1/28/2003	21.82	7.08	14.74	0.90	7.98	14.52	15.19
LAI-7	1/29/2003	21.82	7.41	14.41	0.44	7.85	14.30	14.63
LAI-7	1/30/2003	21.82	8.11	13.71	0.26	8.37	13.65	13.84
LAI-7	2/3/2003	21.82	8.90	12.92	0.06	8.96	12.91	12.95
LAI-7	2/6/2003	24.28	7.82	16.46	1.56	9.38	16.07	17.24
LAI-7	2/11/2003	24.28	8.23	16.05	1.56	9.79	15.66	16.83
LAI-7	2/18/2003	24.28	9.45	14.83	0.20	9.65	14.78	14.93
LAI-7	2/21/2003	24.28	8.57	15.71	2.34	10.91	15.13	16.88
LAI-7	2/26/2003	24.28	8.53	15.75	3.18	11.71	14.96	17.34
LAI-7	3/3/2003	24.28	9.53	14.75	0.18	9.71	14.71	14.84
LAI-7	3/12/2003	24.28	8.99	15.29	0.19	9.18	15.24	15.39
LAI-7	3/14/2003	24.28	9.18	15.10	0.18	9.36	15.06	15.19
LAI-7	3/26/2003	24.28	--	--	--	9.97	14.31	14.31
LAI-7	3/28/2003	24.28	--	--	--	9.95	14.33	14.33
LAI-7	4/2/2003	24.28	8.79	15.49	0.08	8.87	15.47	15.53
LAI-7	4/4/2003	24.28	9.04	15.24	0.08	9.12	15.22	15.28
LAI-7	4/8/2003	24.28	8.53	15.75	0.10	8.63	15.73	15.80
LAI-7	4/11/2003	24.28	9.06	15.22	0.17	9.23	15.18	15.31
LAI-7	4/15/2003	24.28	8.41	15.87	0.94	9.35	15.64	16.34
LAI-7	4/17/2003	24.28	9.55	14.73	0.17	9.72	14.69	14.82
LAI-7	4/22/2003	24.28	9.03	15.25	0.34	9.37	15.17	15.42
LAI-7	4/25/2003	24.28	9.00	15.28	0.31	9.31	15.20	15.44
LAI-7	5/2/2003	24.28	9.60	14.68	0.05	9.65	14.67	14.71
LAI-7	5/6/2003	24.28	9.17	15.11	1.19	10.36	14.81	15.71
LAI-7	5/9/2003	24.28	10.04	14.24	0.06	10.10	14.23	14.27
LAI-7	5/23/2003	24.28	10.60	13.68	0.02	10.62	13.68	13.69

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-7	5/28/2003	24.28	10.21	14.07	0.01	10.22	14.07	14.08
LAI-7	6/13/2003	24.28	9.90	14.38	0.55	10.45	14.24	14.66
LAI-7	6/18/2003	24.28	10.57	13.71	0.02	10.59	13.71	13.72
LAI-7	6/27/2003	24.28	10.42	13.86	0.63	11.05	13.70	14.18
LAI-7	7/7/2003	24.28	10.85	13.43	0.52	11.37	13.30	13.69
LAI-7	7/16/2003	24.28	10.43	13.85	1.65	12.08	13.44	14.68
LAI-7	7/31/2003	24.28	11.06	13.22	0.31	11.37	13.14	13.38
LAI-7	8/5/2003	24.28	10.66	13.62	0.90	11.56	13.40	14.07
LAI-7	8/11/2003	24.28	12.45	11.83	0.01	12.46	11.83	11.84
LAI-7	8/22/2003	24.28	12.40	11.88	0.20	12.60	11.83	11.98
LAI-7	8/26/2003	24.28	11.32	12.96	1.43	12.75	12.60	13.68
LAI-7	9/2/2003	24.28	11.61	12.67	0.20	11.81	12.62	12.77
LAI-7	9/9/2003	24.28	11.66	12.62	1.64	13.30	12.21	13.44
LAI-7	9/19/2003	24.28	11.66	12.62	1.35	13.01	12.28	13.30
LAI-7	10/14/2003	24.28	11.59	12.69	1.46	13.05	12.33	13.42
LAI-7	11/20/2003	24.28	--	--	--	8.67	15.61	15.61
LAI-7	12/3/2003	24.28	7.98	16.30	0.23	8.21	16.24	16.42
LAI-7	1/19/2004	24.28	7.59	16.69	0.32	7.91	16.61	16.85
LAI-7	2/24/2004	24.28	--	--	--	8.72	15.56	15.56
LAI-7	3/15/2004	24.28	--	--	--	9.71	14.57	14.57
LAI-7	4/19/2004	24.28	--	--	--	9.65	14.63	14.63
LAI-7	5/17/2004	24.28	--	--	--	10.43	13.85	13.85
LAI-7	6/22/2004	24.28	10.33	13.95	0.01	10.34	13.95	13.96
LAI-7	8/18/2004	24.28	11.28	13.00	0.88	12.16	12.78	13.44
LAI-7	9/21/2004	24.28	10.57	13.71	0.23	10.80	13.65	13.83
LAI-7	10/19/2004	24.28	--	--	--	9.53	14.75	14.75
LAI-7	11/23/2004	24.28	9.85	14.43	0.19	10.04	14.38	14.53
LAI-7	12/21/2004	24.28	8.14	16.14	0.52	8.66	16.01	16.40
LAI-7	1/13/2005	24.28	8.83	15.45	0.19	9.02	15.40	15.55
LAI-7	4/28/2005	24.28	--	--	--	8.44	15.84	15.84
LAI-7	6/1/2005	24.28	--	--	--	8.72	15.56	15.56
LAI-7	6/29/2005	24.28	--	--	--	10.41	13.87	13.87
LAI-7	7/20/2005	24.28	--	--	--	10.93	13.35	13.35
LAI-7	8/22/2005	24.28	--	--	--	10.47	13.81	13.81
LAI-7	5/27/2011	24.28			Not Monitored			
LAIx-7	9/12/2005	25.24	--	--	--	13.81	11.43	11.43
LAIx-7	10/12/2005	25.24	14.46	10.78	0.12	14.58	10.75	10.84
LAIx-7	11/21/2005	25.24	12.00	13.24	2.96	14.96	12.50	14.72
LAIx-7	12/27/2005	25.24	11.08	14.16	2.82	13.90	13.46	15.57
LAIx-7	1/30/2006	25.24	9.69	15.55	3.34	13.03	14.72	17.22
LAIx-7	2/16/2006	25.24	11.52	13.72	3.81	15.33	12.77	15.63
LAIx-7	3/13/2006	25.24	11.09	14.15	4.51	15.60	13.02	16.41
LAIx-7	4/18/2006	25.24	11.98	13.26	1.62	13.60	12.86	14.07
LAIx-7	5/12/2006	25.24	13.22	12.02	0.30	13.52	11.95	12.17
LAIx-7	6/9/2006	25.24	12.94	12.30	0.40	13.34	12.20	12.50
LAIx-7	7/13/2006	25.24	14.14	11.10	0.94	15.08	10.87	11.57
LAIx-7	8/16/2006	25.24	14.95	10.29	0.80	15.75	10.09	10.69
LAIx-7	9/19/2006	25.24	14.55	10.69	0.95	15.50	10.45	11.17
LAIx-7	10/13/2006	25.24	14.60	10.64	1.55	16.15	10.25	11.42
LAIx-7	11/20/2006	25.24	11.89	13.35	0.71	12.60	13.17	13.71
LAIx-7	12/8/2006	25.24	12.13	13.11	0.31	12.44	13.03	13.27
LAIx-7	1/19/2007	25.24	11.75	13.49	1.20	12.95	13.19	14.09
LAIx-7	2/19/2007	25.24	12.52	12.72	0.62	13.14	12.57	13.03
LAIx-7	3/15/2007	25.24	12.14	13.10	0.51	12.65	12.97	13.36
LAIx-7	4/16/2007	25.24	12.58	12.66	0.92	13.50	12.43	13.12
LAIx-7	5/14/2007	25.24	13.25	11.99	0.07	13.32	11.97	12.03
LAIx-7	6/29/2007	25.24	13.68	11.56	0.82	14.50	11.36	11.97
LAIx-7	7/20/2007	25.24	14.20	11.04	0.10	14.30	11.02	11.09
LAIx-7	8/21/2007	25.24	--	--	--	14.20	11.04	11.04
LAIx-7	9/10/2007	25.24	--	--	--	14.47	10.77	10.77
LAIx-7	10/22/2007	25.24	12.72	--	--	15.64	9.60	9.60
LAIx-7	11/28/2007	25.24	12.95	--	--	13.50	11.74	11.74
LAIx-7	12/13/2007	25.24	--	--	--	11.92	13.32	13.32
LAIx-7	1/21/2008	25.24	--	--	--	7.63	17.61	17.61
LAIx-7	2/24/2008	25.24	--	--	--	10.21	15.03	15.03
LAIx-7	3/24/2008	25.24	12.24	13.00	0.22	12.46	12.95	13.11
LAIx-7	8/25/2008	25.24	--	--	--	13.34	11.90	11.90
LAIx-7	2/18/2009	25.24	--	--	--	12.00	13.24	13.24
LAIx-7	8/25/2009	25.24	--	--	--	14.56	10.68	10.68
LAIx-7	3/22/2010	25.24	--	--	--	10.95	14.29	14.29
LAIx-7	8/23/2010	25.24	--	--	--	10.05	15.19	15.19
LAIx-7	2/7/2011	25.24	--	--	--	9.71	15.53	--
LAIx-7	5/27/2011	25.24			Not Monitored			
LAI-8	1/22/2003	23.08	8.10	14.98	0.91	9.01	14.75	15.44
LAI-8	1/23/2003	23.08	7.72	15.36	0.88	8.60	15.14	15.80
LAI-8	1/24/2003	23.08	7.50	15.58	1.55	9.05	15.19	16.36
LAI-8	1/27/2003	23.08	5.34	17.74	5.08	10.42	16.47	20.28
LAI-8	1/28/2003	23.08	6.90	16.18	1.75	8.65	15.74	17.06
LAI-8	1/29/2003	23.08	7.99	15.09	0.31	8.30	15.01	15.25
LAI-8	1/30/2003	23.08	7.90	15.18	0.69	8.59	15.01	15.53
LAI-8	2/3/2003	23.08	8.47	14.61	0.01	8.48	14.61	14.62
LAI-8	2/6/2003	24.50	6.46	18.04	2.95	9.41	17.30	19.52
LAI-8	2/11/2003	24.50	8.45	16.05	1.22	9.67	15.75	16.66
LAI-8	2/18/2003	24.50	6.85	17.65	5.75	12.60	16.21	20.53
LAI-8	2/21/2003	24.50	8.49	16.01	3.16	11.65	15.22	17.59
LAI-8	2/26/2003	24.50	7.92	16.58	4.02	11.94	15.58	18.59
LAI-8	3/4/2003	24.50	7.46	17.04	5.02	12.48	15.79	19.55
LAI-8	3/12/2003	24.50	8.67	15.83	3.03	11.70	15.07	17.35
LAI-8	3/14/2003	24.50	8.88	15.62	2.53	11.41	14.99	16.89
LAI-8	3/26/2003	24.50	8.63	15.87	0.88	9.51	15.65	16.31
LAI-8	3/28/2003	24.50	--	--	--	9.48	15.02	15.02
LAI-8	4/2/2003	24.50	8.97	15.53	0.14	9.11	15.50	15.60
LAI-8	4/4/2003	24.50	9.32	15.18	0.04	9.36	15.17	15.20
LAI-8	4/8/2003	24.50	9.25	15.25	0.03	9.28	15.24	15.27
LAI-8	4/11/2003	24.50	9.21	15.29	0.46	9.67	15.18	15.52
LAI-8	4/15/2003	24.50	8.57	15.93	1.13	9.70	15.65	16.50
LAI-8	4/17/2003	24.50	9.82	14.68	0.08	9.90	14.66	14.72
LAI-8	4/22/2003	24.50	9.28	15.22	0.23	9.51	15.16	15.34
LAI-8	4/25/2003	24.50	9.61	14.89	0.25	9.86	14.83	15.02

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-8	5/2/2003	24.50	9.71	14.79	0.40	10.11	14.69	14.99
LAI-8	5/6/2003	24.50	9.36	15.14	1.40	10.76	14.79	15.84
LAI-8	5/9/2003	24.50	--	--	--	10.23	14.27	14.27
LAI-8	5/23/2003	24.50	10.80	13.70	0.01	10.81	13.70	13.71
LAI-8	5/28/2003	24.50	10.51	13.99	0.03	10.54	13.98	14.01
LAI-8	6/13/2003	24.50	10.20	14.30	1.56	11.76	13.91	15.08
LAI-8	6/18/2003	24.50	10.35	14.15	1.85	12.20	13.69	15.08
LAI-8	6/27/2003	24.50	10.62	13.88	0.49	11.11	13.76	14.13
LAI-8	7/7/2003	24.50	10.67	13.83	2.18	12.85	13.29	14.92
LAI-8	7/16/2003	24.50	10.45	14.05	1.37	11.82	13.71	14.74
LAI-8	7/31/2003	24.50	10.96	13.54	1.79	12.75	13.09	14.44
LAI-8	8/5/2003	24.50	10.82	13.68	2.23	13.05	13.12	14.80
LAI-8	8/11/2003	24.50	12.12	12.38	1.57	13.69	11.99	13.17
LAI-8	8/22/2003	24.50	12.40	12.10	1.66	14.06	11.69	12.93
LAI-8	8/26/2003	24.50	11.44	13.06	1.44	12.88	12.70	13.78
LAI-8	9/2/2003	24.50	11.45	13.05	1.78	13.23	12.61	13.94
LAI-8	9/9/2003	24.50	11.54	12.96	1.68	13.22	12.54	13.80
LAI-8	9/19/2003	24.50	11.61	12.89	1.64	13.25	12.48	13.71
LAI-8	10/14/2003	24.50	11.58	12.92	1.60	13.18	12.52	13.72
LAI-8	11/20/2003	24.50	8.87	15.63	0.07	8.94	15.61	15.67
LAI-8	12/3/2003	24.50	8.01	16.49	0.41	8.42	16.39	16.70
LAI-8	1/19/2004	24.50	7.70	16.80	0.44	8.14	16.69	17.02
LAI-8	2/24/2004	24.50	--	--	--	9.15	15.35	15.35
LAI-8	3/15/2004	24.50	--	--	--	9.71	14.79	14.79
LAI-8	4/19/2004	24.50	--	--	--	9.91	14.59	14.59
LAI-8	5/17/2004	24.50	--	--	--	10.59	13.91	13.91
LAI-8	6/22/2004	24.50	10.48	14.02	0.030	10.51	14.01	14.04
LAI-8	8/18/2004	24.50	11.70	12.80	0.010	11.71	12.80	12.81
LAI-8	9/21/2004	24.50	--	--	--	10.60	13.90	13.90
LAI-8	10/19/2004	24.50	--	--	--	9.73	14.77	14.77
LAI-8	11/23/2004	24.50	--	--	--	10.04	14.46	14.46
LAI-8	12/21/2004	24.50	8.31	16.19	0.02	8.33	16.19	16.20
LAI-8	1/13/2005	24.50	--	--	--	8.89	15.61	15.61
LAI-8	4/28/2005	24.50	--	--	--	8.64	15.86	15.86
LAI-8	6/1/2005	24.50	--	--	--	8.88	15.62	15.62
LAI-8	6/29/2005	24.50	--	--	--	10.55	13.95	13.95
LAI-8	7/20/2005	24.50	--	--	--	11.05	13.45	13.45
LAI-8	8/22/2005	24.50	--	--	--	10.65	13.85	13.85
LAI-8	5/27/2011	24.50			Not Monitored			
LAIx-8	9/12/2005	25.59	--	--	--	12.48	13.11	13.11
LAIx-8	10/12/2005	25.59	--	--	--	14.08	11.51	11.51
LAIx-8	11/21/2005	25.59	10.74	14.85	0.01	10.75	14.85	14.86
LAIx-8	12/27/2005	25.59	--	--	--	10.11	15.48	15.48
LAIx-8	1/30/2006	25.59	--	--	--	7.88	17.71	17.71
LAIx-8	2/16/2006	25.59	--	--	--	9.34	16.25	16.25
LAIx-8	3/13/2006	25.59	--	--	--	10.00	15.59	15.59
LAIx-8	4/18/2006	25.59	--	--	--	9.72	15.87	15.87
LAIx-8	5/12/2006	25.59	--	--	--	10.59	15.00	15.00
LAIx-8	12/21/2004	25.59	--	--	--	10.59	15.00	15.00
LAIx-8	6/9/2006	25.59	--	--	--	10.10	15.49	15.49
LAIx-8	7/13/2006	25.59	--	--	--	11.30	14.29	14.29
LAIx-8	8/16/2006	25.59	--	--	--	11.95	13.64	13.64
LAIx-8	9/19/2006	25.59	--	--	--	12.49	13.10	13.10
LAIx-8	10/13/2006	25.59	--	--	--	12.30	13.29	13.29
LAIx-8	11/20/2006	25.59	--	--	--	8.90	16.69	16.69
LAIx-8	12/8/2006	25.59	--	--	--	8.92	16.67	16.67
LAIx-8	1/19/2007	25.59	--	--	--	8.57	17.02	17.02
LAIx-8	2/19/2007	25.59	--	--	--	10.06	15.53	15.53
LAIx-8	3/15/2007	25.59	--	--	--	9.35	16.24	16.24
LAIx-8	4/16/2007	25.59	--	--	--	9.75	15.84	15.84
LAIx-8	5/14/2007	25.59	--	--	--	10.77	14.82	14.82
LAIx-8	6/29/2007	25.59	--	--	--	12.07	13.52	13.52
LAIx-8	7/20/2007	25.59	--	--	--	12.52	13.07	13.07
LAIx-8	8/21/2007	25.59	--	--	--	12.97	12.62	12.62
LAIx-8	9/10/2007	25.59	--	--	--	13.24	12.35	12.35
LAIx-8	10/22/2007	25.59	--	--	--	11.91	13.68	13.68
LAIx-8	11/28/2007	25.59	--	--	--	11.50	14.09	14.09
LAIx-8	12/13/2007	25.59	11.55	14.04	0.08	11.63	14.02	14.08
LAIx-8	1/21/2008	25.59	--	--	--	11.04	14.55	14.55
LAIx-8	2/24/2008	25.59	--	--	--	11.19	14.40	14.40
LAIx-8	3/24/2008	25.59	--	--	--	11.15	14.44	14.44
LAIx-8	8/25/2008	25.59	--	--	--	7.67	17.92	17.92
LAIx-8	2/18/2009	25.59	--	--	--	11.02	14.57	14.57
LAIx-8	8/25/2009	25.59	--	--	--	12.95	12.64	12.64
LAIx-8	3/22/2010	25.59	--	--	--	10.86	14.73	14.73
LAIx-8	8/23/2010	25.59	--	--	--	10.18	15.41	15.41
LAIx-8	2/7/2011	25.59	--	--	--	9.73	15.86	--
LAIx-8	5/27/2011	25.59			Not Monitored			
LAI-9	1/22/2003	22.48	--	--	--	7.90	14.58	14.58
LAI-9	1/23/2003	22.48	--	--	--	8.38	14.10	14.10
LAI-9	1/24/2003	22.48	7.10	15.38	0.04	7.14	15.37	15.40
LAI-9	1/27/2003	22.48	5.32	17.16	1.54	6.86	16.78	17.93
LAI-9	1/28/2003	22.48	5.90	16.58	1.50	7.40	16.21	17.33
LAI-9	1/29/2003	22.48	--	--	--	8.44	14.04	14.04
LAI-9	1/30/2003	22.48	--	--	--	8.40	14.08	14.08
LAI-9	2/3/2003	22.48	6.57	15.91	0.70	7.27	15.74	16.26
LAI-9	2/6/2003	23.93	7.53	16.40	0.15	7.68	16.36	16.48
LAI-9	2/11/2003	23.93	7.93	16.00	0.11	8.04	15.97	16.06
LAI-9	2/18/2003	23.93	5.50	18.43	2.50	8.00	17.81	19.68
LAI-9	2/21/2003	23.93	7.63	16.30	3.68	11.31	15.38	18.14
LAI-9	2/26/2003	23.93	6.94	16.99	3.54	10.48	16.11	18.76
LAI-9	3/4/2003	23.93	6.98	16.95	3.94	10.92	15.97	18.92
LAI-9	3/12/2003	23.93	7.82	16.11	3.39	11.21	15.26	17.81
LAI-9	3/14/2003	23.93	8.09	15.84	2.21	10.30	15.29	16.95
LAI-9	3/26/2003	23.93	--	--	--	8.95	14.98	14.98
LAI-9	3/28/2003	23.93	--	--	--	9.04	14.89	14.89
LAI-9	4/2/2003	23.93	8.08	15.85	0.32	8.40	15.77	16.01
LAI-9	4/4/2003	23.93	8.34	15.59	0.48	8.82	15.47	15.83
LAI-9	4/8/2003	23.93	8.10	15.83	0.49	8.59	15.71	16.08

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-9	4/11/2003	23.93	8.36	15.57	0.49	8.85	15.45	15.82
LAI-9	4/15/2003	23.93	7.81	16.12	0.21	8.02	16.07	16.23
LAI-9	4/17/2003	23.93	9.11	14.82	0.13	9.24	14.79	14.89
LAI-9	4/22/2003	23.93	8.41	15.52	0.35	8.76	15.43	15.70
LAI-9	4/25/2003	23.93	8.32	15.61	0.80	9.12	15.41	16.01
LAI-9	5/2/2003	23.93	8.99	14.94	0.01	9.00	14.94	14.95
LAI-9	5/6/2003	23.93	8.66	15.27	0.85	9.51	15.06	15.70
LAI-9	5/9/2003	23.93	9.75	14.18	0.02	9.77	14.18	14.19
LAI-9	5/23/2003	23.93	--	--	--	10.10	13.83	13.83
LAI-9	5/28/2003	23.93	10.50	13.43	0.01	10.51	13.43	13.44
LAI-9	6/13/2003	23.93	9.91	14.02	0.37	10.28	13.93	14.21
LAI-9	6/18/2003	23.93	9.81	14.12	0.51	10.32	13.99	14.38
LAI-9	6/27/2003	23.93	9.91	14.02	0.33	10.24	13.94	14.19
LAI-9	7/7/2003	23.93	10.21	13.72	0.83	11.04	13.51	14.14
LAI-9	7/16/2003	23.93	10.03	13.90	0.84	10.87	13.69	14.32
LAI-9	7/31/2003	23.93	10.44	13.49	0.95	11.39	13.25	13.97
LAI-9	8/5/2003	23.93	10.25	13.68	1.19	11.44	13.38	14.28
LAI-9	8/11/2003	23.93	11.89	12.04	0.12	12.01	12.01	12.10
LAI-9	8/22/2003	23.93	11.92	12.01	0.08	12.00	11.99	12.05
LAI-9	8/26/2003	23.93	11.03	12.90	0.64	11.67	12.74	13.22
LAI-9	9/2/2003	23.93	10.96	12.97	1.03	11.99	12.71	13.49
LAI-9	9/9/2003	23.93	11.12	12.81	0.51	11.63	12.68	13.07
LAI-9	9/19/2003	23.93	10.89	13.04	1.58	12.47	12.65	13.83
LAI-9	10/14/2003	23.93	11.75	12.18	1.07	12.82	11.91	12.72
LAI-9	11/20/2003	23.93	--	--	--	8.05	15.88	15.88
LAI-9	12/3/2003	23.93	7.21	16.72	0.01	7.22	16.72	16.73
LAI-9	1/19/2004	23.93	6.83	17.10	0.01	6.84	17.10	17.11
LAI-9	2/24/2004	23.93	--	--	--	8.11	15.82	15.82
LAI-9	3/15/2004	23.93	--	--	--	9.08	14.85	14.85
LAI-9	4/19/2004	23.93	--	--	--	8.85	15.08	15.08
LAI-9	5/17/2004	23.93	--	--	--	9.91	14.02	14.02
LAI-9	8/18/2004	23.93	--	--	--	11.10	12.83	12.83
LAI-9	8/18/2004	23.93	--	--	--	11.10	12.83	12.83
LAI-9	9/21/2004	23.93	10.91	13.02	0.53	11.44	12.89	13.29
LAI-9	10/19/2004	23.93	8.92	9.35	0.43	9.35	14.90	15.23
LAI-9	11/23/2004	23.93	9.03	14.90	0.31	9.34	14.82	15.06
LAI-9	12/21/2004	23.93	7.44	16.49	0.02	7.46	16.49	16.50
LAI-9	1/13/2005	23.93	--	--	--	8.19	15.74	15.74
LAI-9	4/28/2005	23.93	--	--	--	7.73	16.20	16.20
LAI-9	6/1/2005	23.93	--	--	--	8.10	15.83	15.83
LAI-9	6/29/2005	23.93	--	--	--	9.77	14.16	14.16
LAI-9	7/20/2005	23.93	--	--	--	10.10	13.83	13.83
LAI-9	8/22/2005	23.93	--	--	--	9.96	13.97	13.97
LAI-9	5/27/2011	23.93			Not Monitored			
LAIx-9	9/12/2005	25.55	--	--	--	14.13	11.42	11.42
LAIx-9	10/12/2005	25.55	--	--	--	14.79	10.76	10.76
LAIx-9	11/21/2005	25.55	--	--	--	12.98	12.57	12.57
LAIx-9	12/27/2005	25.55	--	--	--	11.42	14.13	14.13
LAIx-9	1/30/2006	25.55	--	--	--	10.27	15.28	15.28
LAIx-9	2/16/2006	25.55	12.35	13.20	0.03	12.38	13.19	13.22
LAIx-9	3/13/2006	25.55	--	--	--	12.78	12.77	12.77
LAIx-9	4/18/2006	25.55	--	--	--	12.34	13.21	13.21
LAIx-9	5/12/2006	25.55	--	--	--	13.33	12.22	12.22
LAIx-9	6/9/2006	25.55	--	--	--	12.86	12.69	12.69
LAIx-9	7/13/2006	25.55	14.48	11.07	0.06	14.57	11.03	11.07
LAIx-9	8/16/2006	25.55	--	--	--	15.30	10.25	10.25
LAIx-9	9/19/2006	25.55	--	--	--	14.98	10.57	10.57
LAIx-9	10/13/2006	25.55	--	--	--	15.01	10.54	10.54
LAIx-9	11/20/2006	25.55	--	--	--	11.77	13.78	13.78
LAIx-9	12/8/2006	25.55	11.72	13.83	0.06	11.78	13.82	13.86
LAIx-9	1/19/2007	25.55	11.24	14.31	0.04	11.28	14.30	14.33
LAIx-9	2/19/2007	25.55	12.23	13.32	0.04	12.27	13.31	13.34
LAIx-9	3/15/2007	25.55	12.55	13.00	0.05	12.60	12.99	13.03
LAIx-9	4/16/2007	25.55	12.30	13.25	0.03	12.33	13.24	13.27
LAIx-9	5/14/2007	25.55	--	--	--	13.41	12.14	12.14
LAIx-9	6/29/2007	25.55	--	--	--	13.92	11.63	11.63
LAIx-9	7/20/2007	25.55	--	--	--	14.34	11.21	11.21
LAIx-9	8/21/2007	25.55	--	--	--	14.25	11.30	11.30
LAIx-9	9/10/2007	25.55	--	--	--	14.52	11.03	11.03
LAIx-9	10/22/2007	25.55	--	--	--	13.31	12.24	12.24
LAIx-9	11/28/2007	25.55	--	--	--	12.50	13.05	13.05
LAIx-9	12/13/2007	25.55	--	--	--	11.40	14.15	14.15
LAIx-9	1/21/2008	25.55	--	--	--	8.61	16.94	16.94
LAIx-9	2/24/2008	25.55	--	--	--	12.30	13.25	13.25
LAIx-9	3/24/2008	25.55	--	--	--	12.06	13.49	13.49
LAIx-9	8/25/2008	25.55	--	--	--	13.30	12.25	12.25
LAIx-9	2/18/2009	25.55			Dry			Dry
LAIx-9	8/25/2009	25.55	--	--	--	14.23	11.32	11.32
LAIx-9	3/22/2010	25.55	--	--	--	12.25	13.30	13.30
LAIx-9	8/23/2010	25.55			Dry			--
LAIx-9	2/7/2011	25.55	--	--	--	11.71	13.84	--
LAIx-9	5/27/2011	25.55			Not Monitored			
LAIX-9	11/14/2016	25.55	--	--	--	9.75	15.80	--
LAIX-9	2/16/2017	25.55	--	--	--	8.57	16.98	15.53
LAIX-9	5/24/2017	25.55	--	--	--	8.28	17.27	15.94
LAIX-9	9/26/2017	25.55	--	--	--	11.83	13.72	15.36
LAIX-9	12/11/2017	25.55	--	--	--	7.50	18.05	--
LAIX-9	2/26/2018	25.55	--	--	--	8.38	17.17	--
LAIX-9	6/11/2018	25.55	--	--	--	11.01	14.54	--
LAIX-9	8/27/2018	25.55	--	--	--	13.03	12.52	--
LAIX-9	12/17/2018	25.55	--	--	--	7.82	17.73	--
LAI-10	1/31/2003	19.87	--	--	--	4.34	15.53	--
LAI-10	2/12/2003	19.87	--	--	--	3.93	15.94	--
LAI-10	2/18/2003	19.87	--	--	--	4.51	15.36	--
LAI-10	2/21/2003	19.87	--	--	--	4.50	15.37	15.37
LAI-10	2/24/2003	19.87	--	--	--	4.48	15.39	15.39
LAI-10	3/3/2003	19.87	--	--	--	4.38	15.49	15.49
LAI-10	3/12/2003	19.87	--	--	--	4.31	15.56	15.56
LAI-10	3/14/2003	19.87	--	--	--	4.08	15.79	15.79

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-10	3/26/2003	19.87	--	--	--	4.78	15.09	15.09
LAI-10	3/28/2003	19.87	--	--	--	4.82	15.05	15.05
LAI-10	4/2/2003	19.87	--	--	--	4.25	15.62	15.62
LAI-10	4/4/2003	19.87	--	--	--	4.21	15.66	15.66
LAI-10	4/8/2003	19.87	--	--	--	4.50	15.37	15.37
LAI-10	4/11/2003	19.87	--	--	--	4.48	15.39	15.39
LAI-10	4/15/2003	19.87	--	--	--	4.09	15.78	15.78
LAI-10	4/17/2003	19.87	--	--	--	4.50	15.37	15.37
LAI-10	4/22/2003	19.87	--	--	--	4.45	15.42	15.42
LAI-10	4/25/2003	19.87	--	--	--	4.58	15.29	15.29
LAI-10	5/2/2003	19.87	--	--	--	4.23	15.64	15.64
LAI-10	5/6/2003	19.87	--	--	--	4.86	15.01	15.01
LAI-10	5/9/2003	19.87	--	--	--	5.10	14.77	14.77
LAI-10	5/16/2003	19.87	--	--	--	5.38	14.49	14.49
LAI-10	5/23/2003	19.87	--	--	--	6.50	13.37	13.37
LAI-10	5/28/2003	19.87	--	--	--	5.55	14.32	14.32
LAI-10	6/13/2003	19.87	--	--	--	6.17	13.70	13.70
LAI-10	6/18/2003	19.87	--	--	--	5.86	14.01	14.01
LAI-10	6/27/2003	19.87	--	--	--	5.89	13.98	13.98
LAI-10	7/7/2003	19.87	--	--	--	6.51	13.36	13.36
LAI-10	7/16/2003	19.87	--	--	--	5.53	14.34	14.34
LAI-10	7/31/2003	19.87	--	--	--	6.61	13.26	13.26
LAI-10	8/5/2003	19.87	--	--	--	6.68	13.19	13.19
LAI-10	8/11/2003	19.87	--	--	--	7.15	12.72	12.72
LAI-10	8/22/2003	19.87	--	--	--	8.68	11.19	11.19
LAI-10	8/26/2003	19.87	--	--	--	7.03	12.84	12.84
LAI-10	9/2/2003	19.87	--	--	--	7.15	12.72	12.72
LAI-10	9/9/2003	19.87	7.33	12.54	0.01	7.34	12.54	12.55
LAI-10	9/19/2003	19.87	--	--	--	7.37	12.50	12.50
LAI-10	10/14/2003	19.87	--	--	--	7.75	12.12	12.12
LAI-10	11/20/2003	19.87	--	--	--	4.48	15.39	15.39
LAI-10	12/3/2003	19.87	--	--	--	3.58	16.29	16.29
LAI-10	1/19/2004	19.87	--	--	--	3.29	16.58	16.58
LAI-10	2/24/2004	19.87	--	--	--	4.16	15.71	15.71
LAI-10	3/15/2004	19.87	--	--	--	5.01	14.86	14.86
LAI-10	4/19/2004	19.87	--	--	--	5.30	14.57	14.57
LAI-10	5/17/2004	19.87	--	--	--	5.79	14.08	14.08
LAI-10	6/22/2004	19.87	--	--	--	5.71	14.16	14.16
LAI-10	8/18/2004	19.87	6.71	13.16	0.01	6.72	13.16	13.17
LAI-10	9/21/2004	19.87	--	--	--	6.10	13.77	13.77
LAI-10	10/19/2004	19.87	--	--	--	5.23	14.64	14.64
LAI-10	11/23/2004	19.87	--	--	--	5.45	14.42	14.42
LAI-10	12/21/2004	19.87	--	--	--	3.99	15.88	15.88
LAI-10	1/13/2005	19.87	--	--	--	4.64	15.23	15.23
LAI-10	4/28/2005	19.87	--	--	--	4.23	15.64	15.64
LAI-10	6/1/2005	19.87	4.40	13.52	0.03	4.43	15.46	14.30
LAI-10	6/29/2005	19.87	--	--	--	5.45	14.42	12.47
LAI-10	7/20/2005	19.87	--	--	--	5.75	14.12	12.17
LAI-10	8/22/2005	19.87	6.22	13.65	0.01	6.23	13.65	13.66
LAI-10	9/12/2005	19.87	6.62	13.25	0.01	6.61	13.27	13.28
LAI-10	10/12/2005	19.87	--	--	--	7.11	12.76	12.76
LAI-10	11/21/2005	19.87	5.08	14.79	0.01	5.09	14.79	14.80
LAI-10	12/27/2005	19.87	--	--	--	4.14	15.73	15.73
LAI-10	1/30/2006	19.87	--	--	--	2.45	17.42	17.42
LAI-10	2/16/2006	19.87	--	--	--	3.62	16.25	16.25
LAI-10	3/13/2006	19.87	--	--	--	4.37	15.50	15.50
LAI-10	4/18/2006	19.87	--	--	--	4.51	15.36	15.36
LAI-10	5/12/2006	19.87	--	--	--	4.82	15.05	15.05
LAI-10	6/9/2006	19.87	--	--	--	4.57	15.30	15.30
LAI-10	7/13/2006	19.87	--	--	--	5.41	14.46	14.46
LAI-10	8/16/2006	19.87	--	--	--	6.15	13.72	13.72
LAI-10	9/19/2006	19.87	--	--	--	5.80	14.07	14.07
LAI-10	10/13/2006	19.87	--	--	--	6.60	13.27	13.27
LAI-10	11/20/2006	19.87	--	--	--	3.16	16.71	16.71
LAI-10	12/8/2006	19.87	--	--	--	3.29	16.58	16.58
LAI-10	1/19/2007	19.87	--	--	--	3.39	16.48	16.48
LAI-10	2/19/2007	19.87	--	--	--	4.37	15.50	15.50
LAI-10	3/15/2007	19.87	--	--	--	3.90	15.97	15.97
LAI-10	4/16/2007	19.87	--	--	--	4.20	15.67	15.67
LAI-10	5/14/2007	19.87	--	--	--	5.07	14.80	14.80
LAI-10	6/29/2007	19.87	--	--	--	6.06	13.81	13.81
LAI-10	7/20/2007	19.87	--	--	--	6.32	13.55	13.55
LAI-10	8/21/2007	19.87	--	--	--	7.81	12.06	12.06
LAI-10	9/10/2007	19.87	--	--	--	6.92	12.95	12.95
LAI-10	10/22/2007	19.87	--	--	--	5.99	13.88	13.88
LAI-10	11/28/2007	19.87	--	--	--	4.95	14.92	14.92
LAI-10	12/13/2007	19.87	--	--	--	4.32	15.55	15.55
LAI-10	1/21/2008	19.87	--	--	--	4.49	15.38	15.38
LAI-10	2/24/2008	19.87	--	--	--	4.89	14.98	14.98
LAI-10	3/24/2008	19.87	--	--	--	4.96	14.91	14.91
LAI-10	8/25/2008	19.87	--	--	--	5.63	14.24	14.24
LAI-10	2/18/2009	19.87	--	--	--	5.10	14.77	14.77
LAI-10	8/25/2009	19.87	--	--	--	7.22	12.65	12.65
LAI-10	3/22/2010	19.87	--	--	--	4.90	14.97	14.97
LAI-10	8/23/2010	19.87	--	--	--	6.34	13.53	13.53
LAI-10	2/7/2011	19.87	--	--	--	4.21	15.66	--
LAI-10	5/27/2011	19.87	--	--	--	4.78	15.09	--
LAI-10	8/8/2011	19.87	--	--	--	8.15	11.72	--
LAI-10	11/14/2011	19.87	--	--	--	5.73	14.14	--
LAI-10	2/20/2012	19.87	--	--	--	4.25	15.62	--
LAI-10	8/22/2012	19.87	--	--	--	6.09	13.78	--
LAI-10	11/5/2012	19.87	--	--	--	5.43	14.44	--
LAI-10	1/28/2013	19.87	--	--	--	3.89	15.98	--
LAI-10	5/9/2013	19.87	--	--	--	4.54	15.33	--
LAI-10	8/19/2013	19.87	--	--	--	6.69	13.18	--
LAI-10	11/25/2013	19.87	--	--	--	4.91	14.96	--
LAI-10	2/14/2014	19.87	--	--	--	3.48	16.39	--
LAI-10	5/5/2014	19.87	--	--	--	3.37	16.50	--
LAI-10	8/19/2014	19.87	--	--	--	6.47	13.40	--
LAI-10	11/21/2014	19.87	--	--	--	3.75	16.12	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-11	1/31/2003	20.61	--	--	--	4.55	16.06	--
LAI-11	2/12/2003	20.61	--	--	--	4.92	15.69	16.06
LAI-11	2/18/2003	20.61	--	--	--	5.41	15.20	15.69
LAI-11	2/21/2003	20.61	--	--	--	5.51	15.10	15.20
LAI-11	2/24/2003	20.61	--	--	--	5.48	15.13	15.13
LAI-11	3/3/2003	20.61	--	--	--	5.38	15.23	15.23
LAI-11	3/12/2003	20.61	--	--	--	5.32	15.29	15.29
LAI-11	3/14/2003	20.61	--	--	--	5.19	15.42	15.42
LAI-11	3/26/2003	20.61	--	--	--	4.81	15.80	15.80
LAI-11	3/28/2003	20.61	--	--	--	4.89	15.72	15.72
LAI-11	4/2/2003	20.61	--	--	--	5.28	15.33	15.33
LAI-11	4/4/2003	20.61	--	--	--	5.33	15.28	15.28
LAI-11	4/8/2003	20.61	--	--	--	5.41	15.20	15.20
LAI-11	4/11/2003	20.61	--	--	--	5.42	15.19	15.19
LAI-11	4/15/2003	20.61	--	--	--	5.08	15.53	15.53
LAI-11	4/17/2003	20.61	--	--	--	5.46	15.15	15.15
LAI-11	4/22/2003	20.61	--	--	--	5.47	15.14	15.14
LAI-11	4/25/2003	20.61	--	--	--	5.67	14.94	14.94
LAI-11	5/2/2003	20.61	--	--	--	5.12	15.49	15.49
LAI-11	5/6/2003	20.61	--	--	--	5.81	14.80	14.80
LAI-11	5/9/2003	20.61	--	--	--	6.00	14.61	14.61
LAI-11	5/16/2003	20.61	--	--	--	6.30	14.31	14.31
LAI-11	5/23/2003	20.61	--	--	--	6.58	14.03	14.03
LAI-11	5/28/2003	20.61	--	--	--	6.44	14.17	14.17
LAI-11	6/13/2003	20.61	--	--	--	6.70	13.91	13.91
LAI-11	6/18/2003	20.61	--	--	--	6.80	13.81	13.81
LAI-11	6/27/2003	20.61	--	--	--	6.81	13.80	13.80
LAI-11	7/7/2003	20.61	--	--	--	7.51	13.10	13.10
LAI-11	7/16/2003	20.61	--	--	--	6.42	14.19	14.19
LAI-11	7/31/2003	20.61	--	--	--	8.91	11.70	11.70
LAI-11	8/5/2003	20.61	--	--	--	8.51	12.10	12.10
LAI-11	8/11/2003	20.61	--	--	--	8.79	11.82	11.82
LAI-11	8/22/2003	20.61	--	--	--	8.43	12.18	12.18
LAI-11	8/26/2003	20.61	--	--	--	8.92	11.69	11.69
LAI-11	9/2/2003	20.61	--	--	--	8.95	11.66	11.66
LAI-11	9/9/2003	20.61	--	--	--	9.24	11.37	11.37
LAI-11	9/19/2003	20.61	--	--	--	8.99	11.62	11.62
LAI-11	10/14/2003	20.61	--	--	--	9.15	11.46	11.46
LAI-11	11/20/2003	20.61	--	--	--	5.31	15.30	15.30
LAI-11	12/3/2003	20.61	--	--	--	4.50	16.11	16.11
LAI-11	1/19/2004	20.61	--	--	--	4.33	16.28	16.28
LAI-11	2/24/2004	20.61	--	--	--	5.19	15.42	15.42
LAI-11	3/15/2004	20.61	--	--	--	5.94	14.67	14.67
LAI-11	4/19/2004	20.61	--	--	--	6.23	14.38	14.38
LAI-11	5/17/2004	20.61	--	--	--	6.80	13.81	13.81
LAI-11	6/22/2004	20.61	--	--	--	6.70	13.91	13.91
LAI-11	8/18/2004	20.61	--	--	--	8.19	12.42	12.42
LAI-11	9/21/2004	20.61	--	--	--	7.03	13.58	13.58
LAI-11	10/19/2004	20.61	--	--	--	6.10	14.51	14.51
LAI-11	11/23/2004	20.61	--	--	--	6.35	14.26	14.26
LAI-11	12/21/2004	20.61	--	--	--	4.81	15.80	15.80
LAI-11	1/13/2005	20.61	--	--	--	5.40	15.21	15.21
LAI-11	4/28/2005	20.61	--	--	--	5.13	15.48	15.48
LAI-11	6/1/2005	20.61	--	--	--	5.32	15.29	15.29
LAI-11	6/29/2005	20.61	--	--	--	6.28	14.33	14.33
LAI-11	7/20/2005	20.61	--	--	--	6.55	14.06	14.06
LAI-11	8/22/2005	20.61	6.94	13.67	0.01	6.95	13.67	13.68
LAI-11	9/12/2005	20.61	6.90	13.71	0.46	7.36	13.60	13.94
LAI-11	10/12/2005	20.61	8.185	12.43	0.005	8.19	12.42	12.43
LAI-11	11/21/2005	20.61	--	--	--	5.81	14.80	14.80
LAI-11	12/27/2005	20.61	--	--	--	5.24	15.37	15.37
LAI-11	1/30/2006	20.61	--	--	--	2.99	17.62	17.62
LAI-11	2/16/2006	20.61	--	--	--	4.44	16.17	16.17
LAI-11	3/13/2006	20.61	--	--	--	5.20	15.41	15.41
LAI-11	4/18/2006	20.61	--	--	--	5.43	15.18	15.18
LAI-11	5/12/2006	20.61	--	--	--	5.65	14.96	14.96
LAI-11	6/9/2006	20.61	--	--	--	5.48	15.13	15.13
LAI-11	7/13/2006	20.61	--	--	--	6.25	14.36	14.36
LAI-11	8/16/2006	20.61	--	--	--	7.05	13.56	13.56
LAI-11	9/19/2006	20.61	--	--	--	7.65	12.96	12.96
LAI-11	10/13/2006	20.61	--	--	--	7.46	13.15	13.15
LAI-11	11/20/2006	20.61	--	--	--	4.03	16.58	16.58
LAI-11	12/8/2006	20.61	--	--	--	4.12	16.49	16.49
LAI-11	1/19/2007	20.61	--	--	--	4.16	16.45	16.45
LAI-11	2/19/2007	20.61	--	--	--	5.31	15.30	15.30
LAI-11	3/15/2007	20.61	--	--	--	4.80	15.81	15.81
LAI-11	4/16/2007	20.61	--	--	--	5.10	15.51	15.51
LAI-11	5/14/2007	20.61	--	--	--	5.92	14.69	14.69
LAI-11	6/29/2007	20.61	--	--	--	6.82	13.79	13.79
LAI-11	7/20/2007	20.61	--	--	--	7.12	13.49	13.49
LAI-11	8/21/2007	20.61	--	--	--	7.76	12.85	12.85
LAI-11	9/10/2007	20.61	--	--	--	7.87	12.74	12.74
LAI-11	10/22/2007	20.61	--	--	--	7.26	13.35	13.35
LAI-11	11/28/2007	20.61	--	--	--	6.00	14.61	14.61
LAI-11	12/13/2007	20.61	--	--	--	5.06	15.55	15.55
LAI-11	1/21/2008	20.61	--	--	--	4.38	16.23	16.23
LAI-11	2/24/2008	20.61	--	--	--	5.71	14.90	14.90
LAI-11	3/24/2008	20.61	--	--	--	5.88	14.73	14.73
LAI-11	8/25/2008	20.61	--	--	--	6.40	14.21	14.21
LAI-11	2/18/2009	20.61	--	--	--	5.84	14.77	14.77
LAI-11	8/25/2009	20.61	--	--	--	7.95	12.66	12.66
LAI-11	3/22/2010	20.61	--	--	--	5.56	15.05	15.05
LAI-11	8/23/2010	20.61	--	--	--	7.36	13.25	13.25
LAI-11	2/7/2011	20.61	--	--	--	4.90	15.71	--
LAI-11	5/27/2011	20.61			Not Monitored			
LAI-11	8/8/2011	20.61	--	--	--	6.89	13.72	--
LAI-11	11/14/2011	20.61	--	--	--	6.63	13.98	--
LAI-11	2/20/2012	20.61	--	--	--	4.94	15.67	--
LAI-11	8/22/2012	20.61	--	--	--	6.86	13.75	--
LAI-11	11/5/2012	20.61	--	--	--	6.00	14.61	--
LAI-11	1/28/2013	20.61	--	--	--	4.63	15.98	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-11	5/9/2013	20.61	--	--	--	5.43	15.18	--
LAI-11	8/19/2013	20.61	--	--	--	7.41	13.20	--
LAI-11	11/25/2013	20.61	--	--	--	5.64	14.97	--
LAI-11	2/14/2014	20.61	--	--	--	4.31	16.30	--
LAI-11	5/5/2014	20.61	--	--	--	3.56	17.05	--
LAI-11	8/19/2014	20.61	--	--	--	7.27	13.34	--
LAI-11	11/21/2014	20.61	--	--	--	5.03	15.58	--
LAI-12	1/31/2003	19.34	--	--	--	3.28	16.06	--
LAI-12	2/12/2003	19.34	--	--	--	3.98	15.36	16.06
LAI-12	2/18/2003	19.34	--	--	--	4.50	14.84	15.36
LAI-12	2/21/2003	19.34	--	--	--	4.60	14.74	14.84
LAI-12	2/24/2003	19.34	--	--	--	4.58	14.76	14.76
LAI-12	3/3/2003	19.34	--	--	--	4.61	14.73	14.73
LAI-12	3/12/2003	19.34	--	--	--	4.38	14.96	14.96
LAI-12	3/14/2003	19.34	--	--	--	4.17	15.17	15.17
LAI-12	3/26/2003	19.34	--	--	--	4.04	15.30	15.30
LAI-12	3/28/2003	19.34	--	--	--	4.10	15.24	15.24
LAI-12	4/2/2003	19.34	--	--	--	4.34	15.00	15.00
LAI-12	4/4/2003	19.34	--	--	--	4.45	14.89	14.89
LAI-12	4/8/2003	19.34	--	--	--	4.58	14.76	14.76
LAI-12	4/11/2003	19.34	--	--	--	4.65	14.69	14.69
LAI-12	4/15/2003	19.34	--	--	--	4.25	15.09	15.09
LAI-12	4/17/2003	19.34	--	--	--	4.69	14.65	14.65
LAI-12	4/22/2003	19.34	--	--	--	4.69	14.65	14.65
LAI-12	4/25/2003	19.34	--	--	--	4.81	14.53	14.53
LAI-12	5/2/2003	19.34	--	--	--	4.98	14.36	14.36
LAI-12	5/6/2003	19.34	--	--	--	5.22	14.12	14.12
LAI-12	5/9/2003	19.34	--	--	--	5.46	13.88	13.88
LAI-12	5/16/2003	19.34	--	--	--	5.74	13.60	13.60
LAI-12	5/23/2003	19.34	--	--	--	5.27	14.07	14.07
LAI-12	5/28/2003	19.34	--	--	--	5.88	13.46	13.46
LAI-12	6/13/2003	19.34	--	--	--	5.45	13.89	13.89
LAI-12	6/18/2003	19.34	--	--	--	6.18	13.16	13.16
LAI-12	6/27/2003	19.34	--	--	--	6.22	13.12	13.12
LAI-12	7/7/2003	19.34	--	--	--	6.95	12.39	12.39
LAI-12	7/16/2003	19.34	--	--	--	5.84	13.50	13.50
LAI-12	7/31/2003	19.34	--	--	--	6.97	12.37	12.37
LAI-12	8/5/2003	19.34	--	--	--	7.05	12.29	12.29
LAI-12	8/11/2003	19.34	--	--	--	6.80	12.54	12.54
LAI-12	8/22/2003	19.34	--	--	--	8.19	11.15	11.15
LAI-12	8/26/2003	19.34	--	--	--	7.33	12.01	12.01
LAI-12	9/2/2003	19.34	--	--	--	7.45	11.89	11.89
LAI-12	9/9/2003	19.34	--	--	--	7.64	11.70	11.70
LAI-12	9/19/2003	19.34	--	--	--	7.93	11.41	11.41
LAI-12	10/14/2003	19.34	--	--	--	7.48	11.86	11.86
LAI-12	11/20/2003	19.34	--	--	--	4.06	15.28	15.28
LAI-12	12/3/2003	19.34	--	--	--	3.37	15.97	15.97
LAI-12	1/19/2004	19.34	--	--	--	3.81	15.53	15.53
LAI-12	2/24/2004	19.34	--	--	--	4.32	15.02	15.02
LAI-12	3/15/2004	19.34	--	--	--	5.13	14.21	14.21
LAI-12	4/19/2004	19.34	--	--	--	5.61	13.73	13.73
LAI-12	5/17/2004	19.34	--	--	--	6.23	13.11	13.11
LAI-12	6/22/2004	19.34	--	--	--	6.14	13.20	13.20
LAI-12	8/18/2004	19.34	--	--	--	7.15	12.19	12.19
LAI-12	9/21/2004	19.34	--	--	--	6.18	13.16	13.16
LAI-12	10/19/2004	19.34	--	--	--	5.39	13.95	13.95
LAI-12	11/23/2004	19.34	--	--	--	5.68	13.66	13.66
LAI-12	12/21/2004	19.34	--	--	--	3.86	15.48	15.48
LAI-12	1/13/2005	19.34	--	--	--	4.95	14.39	14.39
LAI-12	4/28/2005	19.34	--	--	--	4.41	14.93	14.93
LAI-12	6/1/2005	19.34	--	--	--	4.61	14.73	14.73
LAI-12	6/29/2005	19.34	--	--	--	5.77	13.57	13.57
LAI-12	7/20/2005	19.34	9.15	10.19	0.01	9.16	10.19	10.20
LAI-12	8/22/2005	19.34	6.48	12.86	0.01	6.49	12.86	12.87
LAI-12	9/12/2005	19.34	--	--	--	6.90	12.44	12.44
LAI-12	10/12/2005	19.34	7.40	11.94	0.01	7.41	11.94	11.95
LAI-12	11/21/2005	19.34	--	--	--	4.48	14.86	14.86
LAI-12	12/27/2005	19.34	--	--	--	3.95	15.39	15.39
LAI-12	1/30/2006	19.34	--	--	--	2.33	17.01	17.01
LAI-12	2/16/2006	19.34	--	--	--	3.33	16.01	16.01
LAI-12	3/13/2006	19.34	--	--	--	4.34	15.00	15.00
LAI-12	4/18/2006	19.34	--	--	--	4.69	14.65	14.65
LAI-12	5/12/2006	19.34	--	--	--	4.99	14.35	14.35
LAI-12	6/9/2006	19.34	--	--	--	4.61	14.73	14.73
LAI-12	7/13/2006	19.34	--	--	--	5.68	13.66	13.66
LAI-12	8/16/2006	19.34	--	--	--	6.41	12.93	12.93
LAI-12	9/19/2006	19.34	--	--	--	6.98	12.36	12.36
LAI-12	10/13/2006	19.34	--	--	--	6.78	12.56	12.56
LAI-12	11/20/2006	19.34	--	--	--	3.18	16.16	16.16
LAI-12	12/8/2006	19.34	--	--	--	2.89	16.45	16.45
LAI-12	1/19/2007	19.34	--	--	--	2.85	16.49	16.49
LAI-12	2/19/2007	19.34	--	--	--	4.55	14.79	14.79
LAI-12	3/15/2007	19.34	--	--	--	3.73	15.61	15.61
LAI-12	4/16/2007	19.34	--	--	--	4.19	15.15	15.15
LAI-12	5/14/2007	19.34	--	--	--	5.37	13.97	13.97
LAI-12	6/29/2007	19.34	--	--	--	6.30	13.04	13.04
LAI-12	7/20/2007	19.34	--	--	--	6.56	12.78	12.78
LAI-12	8/21/2007	19.34	--	--	--	7.19	12.15	12.15
LAI-12	9/10/2007	19.34	--	--	--	7.21	12.13	12.13
LAI-12	10/22/2007	19.34	--	--	--	6.09	13.25	13.25
LAI-12	11/28/2007	19.34	--	--	--	5.34	14.00	14.00
LAI-12	12/13/2007	19.34	--	--	--	3.97	15.37	15.37
LAI-12	1/21/2008	19.34	--	--	--	5.24	14.10	14.10
LAI-12	2/24/2008	19.34	--	--	--	5.08	14.26	14.26
LAI-12	3/24/2008	19.34	--	--	--	6.25	13.09	13.09
LAI-12	8/25/2008	19.34	--	--	--	6.82	12.52	12.52
LAI-12	2/18/2009	19.34	--	--	--	5.32	14.02	14.02
LAI-12	8/25/2009	19.34	--	--	--	7.44	11.90	11.90
LAI-12	3/22/2010	19.34	--	--	--	4.70	14.64	15.64
LAI-12	8/23/2010	19.34	--	--	--	6.62	12.72	12.72

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-12	2/7/2011	19.34	--	--	--	9.65	9.69	--
LAI-12	5/27/2011	19.34	--	--	--	4.63	14.71	--
LAI-12	8/8/2011	19.34	--	--	--	6.39	12.95	--
LAI-12	11/14/2011	19.34	--	--	--	6.19	13.15	--
LAI-12	2/20/2012	19.34	--	--	--	3.86	15.48	--
LAI-12	8/22/2012	19.34	--	--	--	6.29	13.05	--
LAI-12	11/5/2012	19.34	--	--	--	4.71	14.63	--
LAI-12	1/28/2013	19.34	--	--	--	3.73	15.61	--
LAI-12	5/9/2013	19.34	--	--	--	4.57	14.77	--
LAI-12	8/19/2013	19.34	--	--	--	6.82	12.52	--
LAI-12	11/25/2013	19.34	--	--	--	4.75	14.59	--
LAI-12	2/14/2014	19.34	--	--	--	4.04	15.30	--
LAI-12	5/5/2014	19.34	--	--	--	3.12	16.22	--
LAI-12	8/19/2014	19.34	--	--	--	6.71	12.63	--
LAI-12	11/21/2014	19.34	--	--	--	4.09	15.25	--
LAI-13	1/31/2003	21.53	--	--	--	5.25	16.28	--
LAI-13	2/12/2003	21.53	--	--	--	6.28	15.25	16.28
LAI-13	2/18/2003	21.53	--	--	--	6.15	15.38	15.25
LAI-13	2/21/2003	21.53	--	--	--	6.29	15.24	15.38
LAI-13	2/24/2003	21.53	--	--	--	6.65	14.88	14.88
LAI-13	3/3/2003	21.53	--	--	--	6.88	14.65	14.65
LAI-13	3/12/2003	21.53	--	--	--	6.87	14.66	14.66
LAI-13	3/14/2003	21.53	--	--	--	6.62	14.91	14.91
LAI-13	3/26/2003	21.53	6.16	15.37	0.00	6.16	15.37	15.37
LAI-13	3/28/2003	21.53	--	--	--	6.21	15.32	15.32
LAI-13	4/2/2003	21.53	--	--	--	6.25	15.28	15.28
LAI-13	4/4/2003	21.53	--	--	--	6.25	15.28	15.28
LAI-13	4/8/2003	21.53	--	--	--	6.69	14.84	14.84
LAI-13	4/11/2003	21.53	--	--	--	6.69	14.84	14.84
LAI-13	4/15/2003	21.53	--	--	--	6.61	14.92	14.92
LAI-13	4/17/2003	21.53	--	--	--	6.66	14.87	14.87
LAI-13	4/22/2003	21.53	--	--	--	6.87	14.66	14.66
LAI-13	4/25/2003	21.53	--	--	--	6.92	14.61	14.61
LAI-13	5/2/2003	21.53	--	--	--	6.71	14.82	14.82
LAI-13	5/6/2003	21.53	--	--	--	7.25	14.28	14.28
LAI-13	5/9/2003	21.53	--	--	--	7.36	14.17	14.17
LAI-13	5/16/2003	21.53	--	--	--	7.63	13.90	13.90
LAI-13	5/23/2003	21.53	--	--	--	7.78	13.75	13.75
LAI-13	5/28/2003	21.53	--	--	--	7.80	13.73	13.73
LAI-13	6/13/2003	21.53	--	--	--	8.01	13.52	13.52
LAI-13	6/18/2003	21.53	--	--	--	8.02	13.51	13.51
LAI-13	6/27/2003	21.53	--	--	--	8.06	13.47	13.47
LAI-13	7/7/2003	21.53	--	--	--	8.45	13.08	13.08
LAI-13	7/16/2003	21.53	--	--	--	7.71	13.82	13.82
LAI-13	7/31/2003	21.53	--	--	--	8.51	13.02	13.02
LAI-13	8/5/2003	21.53	--	--	--	8.54	12.99	12.99
LAI-13	8/11/2003	21.53	--	--	--	8.62	12.91	12.91
LAI-13	8/22/2003	21.53	--	--	--	9.81	11.72	11.72
LAI-13	8/26/2003	21.53	--	--	--	8.81	12.72	12.72
LAI-13	9/2/2003	21.53	--	--	--	8.88	12.65	12.65
LAI-13	9/9/2003	21.53	--	--	--	8.91	12.62	12.62
LAI-13	9/19/2003	21.53	--	--	--	10.94	10.59	10.59
LAI-13	10/14/2003	21.53	--	--	--	9.08	12.45	12.45
LAI-13	11/20/2003	21.53	--	--	--	5.94	15.59	15.59
LAI-13	12/3/2003	21.53	--	--	--	5.52	16.01	16.01
LAI-13	1/19/2004	21.53	--	--	--	5.39	16.14	16.14
LAI-13	2/24/2004	21.53	--	--	--	5.77	15.76	15.76
LAI-13	3/15/2004	21.53	--	--	--	6.66	14.87	14.87
LAI-13	4/19/2004	21.53	--	--	--	7.58	13.95	13.95
LAI-13	5/17/2004	21.53	--	--	--	8.05	13.48	13.48
LAI-13	6/22/2004	21.53	--	--	--	7.91	13.62	13.62
LAI-13	8/18/2004	21.53	--	--	--	8.57	12.96	12.96
LAI-13	9/21/2004	21.53	--	--	--	7.28	14.25	14.25
LAI-13	10/19/2004	21.53	--	--	--	7.10	14.43	14.43
LAI-13	11/23/2004	21.53	--	--	--	7.39	14.14	14.14
LAI-13	12/21/2004	21.53	--	--	--	5.69	15.84	15.84
LAI-13	1/13/2005	21.53	--	--	--	6.76	14.77	14.77
LAI-13	4/28/2005	21.53	--	--	--	6.71	14.82	14.82
LAI-13	6/1/2005	21.53	--	--	--	6.78	14.75	14.75
LAI-13	6/29/2005	21.53	--	--	--	7.51	14.02	14.02
LAI-13	7/20/2005	21.53	--	--	--	7.80	13.73	13.73
LAI-13	8/22/2005	21.53	--	--	--	8.17	13.36	13.36
LAI-13	9/12/2005	21.53	--	--	--	9.41	12.12	12.12
LAI-13	10/12/2005	21.53	--	--	--	8.63	12.90	12.90
LAI-13	11/21/2005	21.53	--	--	--	7.05	14.48	14.48
LAI-13	12/27/2005	21.53	--	--	--	5.70	15.83	15.83
LAI-13	1/30/2006	21.53	--	--	--	4.63	16.90	16.90
LAI-13	2/16/2006	21.53	--	--	--	5.42	16.11	16.11
LAI-13	3/13/2006	21.53	--	--	--	6.24	15.29	15.29
LAI-13	4/18/2006	21.53	--	--	--	6.82	14.71	14.71
LAI-13	5/12/2006	21.53	--	--	--	7.25	14.28	14.28
LAI-13	6/9/2006	21.53	--	--	--	6.86	14.67	14.67
LAI-13	7/13/2006	21.53	--	--	--	7.71	13.82	13.82
LAI-13	8/16/2006	21.53	--	--	--	8.16	13.37	13.37
LAI-13	9/19/2006	21.53	--	--	--	8.69	12.84	12.84
LAI-13	10/13/2006	21.53	--	--	--	8.37	13.16	13.16
LAI-13	11/20/2006	21.53	--	--	--	4.28	17.25	17.25
LAI-13	12/8/2006	21.53	--	--	--	4.01	17.52	17.52
LAI-13	1/19/2007	21.53	--	--	--	5.02	16.51	16.51
LAI-13	2/19/2007	21.53	--	--	--	6.60	14.93	14.93
LAI-13	3/15/2007	21.53	--	--	--	5.87	15.66	15.66
LAI-13	4/16/2007	21.53	--	--	--	6.35	15.18	15.18
LAI-13	5/14/2007	21.53	--	--	--	7.40	14.13	14.13
LAI-13	6/29/2007	21.53	--	--	--	8.05	13.48	13.48
LAI-13	7/20/2007	21.53	--	--	--	8.05	13.48	13.48
LAI-13	8/21/2007	21.53	--	--	--	8.22	13.31	13.31
LAI-13	9/10/2007	21.53	--	--	--	8.30	13.23	13.23
LAI-13	10/22/2007	21.53	--	--	--	7.27	14.26	14.26
LAI-13	11/28/2007	21.53	--	--	--	6.87	14.66	14.66
LAI-13	12/13/2007	21.53	--	--	--	5.06	16.47	16.47

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-13	1/21/2008	21.53	--	--	--	5.36	16.17	16.17
LAI-13	2/24/2008	21.53	--	--	--	6.51	15.02	15.02
LAI-13	3/24/2008	21.53	--	--	--	7.14	14.39	14.39
LAI-13	8/25/2008	21.53	--	--	--	7.89	13.64	13.64
LAI-13	2/18/2009	21.53	--	--	--	6.93	14.60	14.60
LAI-13	8/25/2009	21.53	--	--	--	8.60	12.93	12.93
LAI-13	3/22/2010	21.53	--	--	--	5.95	15.58	15.58
LAI-13	8/23/2010	21.53	--	--	--	7.76	13.77	13.77
LAI-13	2/7/2011	21.53	--	--	--	5.60	15.93	--
LAI-13	5/27/2011	21.53			Not Monitored			
LAI-13	8/8/2011	21.53	--	--	--	7.70	13.83	--
LAI-13	11/14/2011	21.53	--	--	--	7.40	14.13	--
LAI-13	2/20/2012	21.53	--	--	--	5.03	16.5	--
LAI-13	8/22/2012	21.53	--	--	--	7.86	13.67	--
LAI-13	11/5/2012	21.53	--	--	--	5.86	15.67	--
LAI-13	1/28/2013	21.53	--	--	--	5.79	15.74	--
LAI-13	5/9/2013	21.53	--	--	--	6.05	15.48	--
LAI-13	8/19/2013	21.53	--	--	--	8.21	13.32	--
LAI-13	11/25/2013	21.53	--	--	--	6.08	15.45	--
LAI-13	2/14/2014	21.53	--	--	--	6.23	15.30	--
LAI-13	5/5/2014	21.53	--	--	--	5.07	16.46	--
LAI-13	8/19/2014	21.53	--	--	--	7.85	13.68	--
LAI-13	11/21/2014	21.53	--	--	--	5.91	15.62	--
LAI-13	9/23/2019	21.53	--	--	--	7.05	14.48	--
LAI-13	9/16/2020	21.53	--	--	--	8.15	13.38	--
LAI-13	3/16/2021	21.53	--	--	--	5.09	16.44	--
LAI-13	9/16/2021	21.53	--	--	--	8.36	13.17	
LAI-13	9/1/2022	21.53	--	--	--	7.81	13.72	
LAI-14	1/31/2003	21.69	--	--	--	6.12	15.57	--
LAI-14	2/12/2003	21.69	--	--	--	7.11	14.58	15.57
LAI-14	2/18/2003	21.69	--	--	--	7.17	14.52	14.58
LAI-14	2/21/2003	21.69	--	--	--	7.25	14.44	14.52
LAI-14	2/24/2003	21.69	--	--	--	7.25	14.44	14.44
LAI-14	3/3/2003	21.69	--	--	--	7.50	14.19	14.19
LAI-14	3/12/2003	21.69	--	--	--	7.40	14.29	14.29
LAI-14	3/14/2003	21.69	--	--	--	7.23	14.46	14.46
LAI-14	3/26/2003	21.69	--	--	--	7.04	14.65	14.65
LAI-14	3/28/2003	21.69	--	--	--	7.07	14.62	14.62
LAI-14	4/2/2003	21.69	--	--	--	7.00	14.69	14.69
LAI-14	4/4/2003	21.69	--	--	--	7.24	14.45	14.45
LAI-14	4/8/2003	21.69	--	--	--	7.41	14.28	14.28
LAI-14	4/11/2003	21.69	--	--	--	7.36	14.33	14.33
LAI-14	4/15/2003	21.69	--	--	--	7.34	14.35	14.35
LAI-14	4/17/2003	21.69	--	--	--	7.39	14.30	14.30
LAI-14	4/22/2003	21.69	--	--	--	7.53	14.16	14.16
LAI-14	4/25/2003	21.69	--	--	--	7.62	14.07	14.07
LAI-14	5/2/2003	21.69	--	--	--	7.20	14.49	14.49
LAI-14	5/6/2003	21.69	--	--	--	7.82	13.87	13.87
LAI-14	5/9/2003	21.69	--	--	--	7.86	13.83	13.83
LAI-14	5/16/2003	21.69	--	--	--	8.00	13.69	13.69
LAI-14	5/23/2003	21.69	--	--	--	8.03	13.66	13.66
LAI-14	5/28/2003	21.69	--	--	--	8.14	13.55	13.55
LAI-14	6/13/2003	21.69	--	--	--	8.30	13.39	13.39
LAI-14	6/18/2003	21.69	--	--	--	8.33	13.36	13.36
LAI-14	6/27/2003	21.69	--	--	--	8.35	13.34	13.34
LAI-14	7/7/2003	21.69	--	--	--	8.65	13.04	13.04
LAI-14	7/16/2003	21.69	--	--	--	7.83	13.86	13.86
LAI-14	7/31/2003	21.69	--	--	--	8.41	13.28	13.28
LAI-14	8/5/2003	21.69	--	--	--	8.73	12.96	12.96
LAI-14	8/11/2003	21.69	--	--	--	8.80	12.89	12.89
LAI-14	8/22/2003	21.69	--	--	--	9.89	11.80	11.80
LAI-14	8/26/2003	21.69	--	--	--	9.04	12.65	12.65
LAI-14	9/2/2003	21.69	--	--	--	9.07	12.62	12.62
LAI-14	9/9/2003	21.69	--	--	--	9.14	12.55	12.55
LAI-14	9/19/2003	21.69	--	--	--	9.14	12.55	12.55
LAI-14	10/14/2003	21.69	--	--	--	9.30	12.39	12.39
LAI-14	11/20/2003	21.69	--	--	--	6.59	15.10	15.10
LAI-14	12/3/2003	21.69	--	--	--	6.53	15.16	15.16
LAI-14	1/19/2004	21.69	--	--	--	6.45	15.24	15.24
LAI-14	2/24/2004	21.69	--	--	--	7.03	14.66	14.66
LAI-14	3/15/2004	21.69	--	--	--	7.52	14.17	14.17
LAI-14	4/19/2004	21.69	--	--	--	8.03	13.66	13.66
LAI-14	5/17/2004	21.69	--	--	--	8.32	13.37	13.37
LAI-14	6/22/2004	21.69	--	--	--	8.26	13.43	13.43
LAI-14	8/18/2004	21.69	--	--	--	8.86	12.83	12.83
LAI-14	9/21/2004	21.69	--	--	--	8.00	13.69	13.69
LAI-14	10/19/2004	21.69	--	--	--	8.00	13.69	13.69
LAI-14	11/23/2004	21.69	--	--	--	8.00	13.69	13.69
LAI-14	12/21/2004	21.69	--	--	--	7.11	14.58	14.58
LAI-14	1/13/2005	21.69	--	--	--	7.68	14.01	14.01
LAI-14	4/28/2005	21.69	--	--	--	7.47	14.22	14.22
LAI-14	6/1/2005	21.69	--	--	--	7.58	14.11	14.11
LAI-14	6/29/2005	21.69	--	--	--	8.02	13.67	13.67
LAI-14	7/20/2005	21.69	8.23	13.46	0.01	8.24	13.46	13.47
LAI-14	8/22/2005	21.69	--	--	--	8.50	13.19	10.79
LAI-14	9/12/2005	21.69	--	--	--	8.63	13.06	10.66
LAI-14	10/12/2005	21.69	--	--	--	8.86	12.83	12.83
LAI-14	11/21/2005	21.69	--	--	--	7.41	14.28	14.28
LAI-14	12/27/2005	21.69	--	--	--	6.48	15.21	15.21
LAI-14	1/30/2006	21.69	--	--	--	4.68	17.01	17.01
LAI-14	2/16/2006	21.69	6.30	15.39	0.07	6.37	15.37	15.43
LAI-14	3/13/2006	21.69	--	--	--	7.43	14.26	14.26
LAI-14	4/18/2006	21.69	--	--	--	7.56	14.13	14.13
LAI-14	5/12/2006	21.69	--	--	--	7.75	13.94	13.94
LAI-14	6/9/2006	21.69	--	--	--	7.58	14.11	14.11
LAI-14	7/13/2006	21.69	--	--	--	8.10	13.59	13.59
LAI-14	8/16/2006	21.69	--	--	--	8.43	13.26	13.26
LAI-14	9/19/2006	21.69	--	--	--	8.70	12.99	12.99
LAI-14	10/13/2006	21.69	--	--	--	8.56	13.13	13.13
LAI-14	11/20/2006	21.69	--	--	--	5.64	16.05	16.05

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-14	12/8/2006	21.69	--	--	--	6.12	15.57	15.57
LAI-14	1/19/2007	21.69	--	--	--	6.12	15.57	15.57
LAI-14	2/19/2007	21.69	--	--	--	7.45	14.24	14.24
LAI-14	3/15/2007	21.69	--	--	--	6.95	14.74	14.74
LAI-14	4/16/2007	21.69	--	--	--	7.38	14.31	14.31
LAI-14	5/14/2007	21.69	--	--	--	7.84	13.85	13.85
LAI-14	6/29/2007	21.69	--	--	--	8.27	13.42	13.42
LAI-14	7/20/2007	21.69	--	--	--	8.31	13.38	13.38
LAI-14	8/21/2007	21.69	--	--	--	8.48	13.21	13.21
LAI-14	9/10/2007	21.69	--	--	--	8.59	13.10	13.10
LAI-14	10/22/2007	21.69	--	--	--	7.82	13.87	13.87
LAI-14	11/28/2007	21.69	--	--	--	5.50	16.19	16.19
LAI-14	12/13/2007	21.69	--	--	--	6.45	15.24	15.24
LAI-14	1/21/2008	21.69	--	--	--	6.77	14.92	14.92
LAI-14	2/24/2008	21.69	--	--	--	7.37	14.32	14.32
LAI-14	3/24/2008	21.69	--	--	--	7.59	14.10	14.10
LAI-14	8/25/2008	21.69	--	--	--	8.36	13.33	13.33
LAI-14	2/18/2009	21.69	--	--	--	7.60	14.09	14.09
LAI-14	8/25/2009	21.69	--	--	--	8.78	12.91	12.91
LAI-14	3/22/2010	21.69	--	--	--	7.17	14.52	14.52
LAI-14	8/23/2010	21.69	--	--	--	8.13	13.56	13.56
LAI-14	2/7/2011	21.69	--	--	--	6.71	14.98	--
LAI-14	5/27/2011	21.69	--	--	--	6.98	14.71	--
LAI-14	8/8/2011	21.69	--	--	--	8.06	13.63	--
LAI-14	11/14/2011	21.69	--	--	--	7.91	13.78	--
LAI-14	2/20/2012	21.69	--	--	--	6.39	15.30	--
LAI-14	8/22/2012	21.69	--	--	--	8.15	13.54	--
LAI-14	11/5/2012	21.69	--	--	--	6.60	15.09	--
LAI-14	1/28/2013	21.69	--	--	--	6.91	14.78	--
LAI-14	5/9/2013	21.69	--	--	--	7.02	14.67	--
LAI-14	8/19/2013	21.69	--	--	--	8.51	13.18	--
LAI-14	11/25/2013	21.69	--	--	--	7.07	14.62	--
LAI-14	2/14/2014	21.69	--	--	--	6.79	14.90	--
LAI-14	5/5/2014	21.69	--	--	--	5.94	15.75	--
LAI-14	11/21/2014	21.69	--	--	--	6.88	14.81	--
LAI-14	9/23/2019	21.69	--	--	--	7.21	14.48	--
LAI-14	9/16/2020	21.69	--	--	--	8.34	13.35	--
LAI-14	3/16/2021	21.53	--	--	--	4.92	16.61	--
LAI-14	9/16/2021	21.53	--	--	--	8.52	13.01	
LAI-14	9/1/2022	21.53	--	--	--	8.02	13.51	
LAI-15	1/31/2003	19.76	--	--	--	6.13	13.63	--
LAI-15	2/12/2003	19.76	--	--	--	4.23	15.53	13.63
LAI-15	2/18/2003	19.76	--	--	--	4.51	15.25	15.53
LAI-15	2/21/2003	19.76	--	--	--	4.72	15.04	15.25
LAI-15	2/24/2003	19.76	--	--	--	4.74	15.02	15.02
LAI-15	3/3/2003	19.76	--	--	--	4.96	14.80	14.80
LAI-15	3/12/2003	19.76	--	--	--	4.81	14.95	14.95
LAI-15	3/14/2003	19.76	--	--	--	4.14	15.62	15.62
LAI-15	3/26/2003	19.76	--	--	--	3.82	15.94	15.94
LAI-15	3/28/2003	19.76	--	--	--	3.85	15.91	15.91
LAI-15	4/2/2003	19.76	--	--	--	4.40	15.36	15.36
LAI-15	4/4/2003	19.76	--	--	--	4.49	15.27	15.27
LAI-15	4/8/2003	19.76	--	--	--	4.71	15.05	15.05
LAI-15	4/11/2003	19.76	--	--	--	4.80	14.96	14.96
LAI-15	4/15/2003	19.76	--	--	--	4.75	15.01	15.01
LAI-15	4/17/2003	19.76	--	--	--	4.77	14.99	14.99
LAI-15	4/22/2003	19.76	--	--	--	4.99	14.77	14.77
LAI-15	4/25/2003	19.76	--	--	--	5.09	14.67	14.67
LAI-15	5/2/2003	19.76	--	--	--	5.13	14.63	14.63
LAI-15	5/6/2003	19.76	--	--	--	5.55	14.21	14.21
LAI-15	5/9/2003	19.76	--	--	--	5.68	14.08	14.08
LAI-15	5/16/2003	19.76	--	--	--	4.90	14.86	14.86
LAI-15	5/23/2003	19.76	--	--	--	6.12	13.64	13.64
LAI-15	5/28/2003	19.76	--	--	--	6.13	13.63	13.63
LAI-15	6/13/2003	19.76	--	--	--	6.33	13.43	13.43
LAI-15	6/18/2003	19.76	--	--	--	6.35	13.41	13.41
LAI-15	6/27/2003	19.76	--	--	--	6.39	13.37	13.37
LAI-15	7/7/2003	19.76	--	--	--	6.75	13.01	13.01
LAI-15	7/16/2003	19.76	--	--	--	6.03	13.73	13.73
LAI-15	7/31/2003	19.76	--	--	--	6.83	12.93	12.93
LAI-15	8/5/2003	19.76	--	--	--	6.85	12.91	12.91
LAI-15	8/11/2003	19.76	--	--	--	6.93	12.83	12.83
LAI-15	8/22/2003	19.76	--	--	--	8.04	11.72	11.72
LAI-15	8/26/2003	19.76	--	--	--	7.11	12.65	12.65
LAI-15	9/2/2003	19.76	--	--	--	7.21	12.55	12.55
LAI-15	9/9/2003	19.76	--	--	--	7.23	12.53	12.53
LAI-15	9/19/2003	19.76	--	--	--	--	NM	--
LAI-15	10/14/2003	19.76	--	--	--	7.45	12.31	12.31
LAI-15	11/20/2003	19.76	--	--	--	4.11	15.65	15.65
LAI-15	12/3/2003	19.76	--	--	--	3.65	16.11	16.11
LAI-15	1/19/2004	19.76	--	--	--	3.59	16.17	16.17
LAI-15	2/24/2004	19.76	--	--	--	4.26	15.50	15.50
LAI-15	3/15/2004	19.76	--	--	--	5.19	14.57	14.57
LAI-15	4/19/2004	19.76	--	--	--	5.97	13.79	13.79
LAI-15	5/17/2004	19.76	--	--	--	6.42	13.34	13.34
LAI-15	6/22/2004	19.76	--	--	--	6.09	13.67	13.67
LAI-15	8/18/2004	19.76	--	--	--	6.93	12.83	12.83
LAI-15	9/21/2004	19.76	--	--	--	6.05	13.71	13.71
LAI-15	10/19/2004	19.76	--	--	--	5.75	14.01	14.01
LAI-15	11/23/2004	19.76	--	--	--	5.91	13.85	13.85
LAI-15	12/21/2004	19.76	--	--	--	4.28	15.48	15.48
LAI-15	1/13/2005	19.76	--	--	--	5.32	14.44	14.44
LAI-15	4/28/2005	19.76	--	--	--	4.91	14.85	14.85
LAI-15	6/1/2005	20.03	--	--	--	5.17	14.86	14.86
LAI-15	6/29/2005	20.03	--	--	--	5.67	14.36	14.36
LAI-15	7/20/2005	20.03	--	--	--	6.32	13.71	13.71
LAI-15	8/22/2005	20.03	--	--	--	6.62	13.41	13.41
LAI-15	9/12/2005	20.03	--	--	--	6.82	13.21	13.21
LAI-15	10/12/2005	20.03	--	--	--	7.08	12.95	12.95
LAI-15	11/21/2005	20.03	--	--	--	5.04	14.99	14.99

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-15	12/27/2005	20.03	--	--	--	3.84	16.19	16.19
LAI-15	1/30/2006	20.03	--	--	--	1.11	18.92	18.92
LAI-15	2/16/2006	20.03	--	--	--	3.52	16.51	16.51
LAI-15	3/13/2006	20.03	--	--	--	4.92	15.11	15.11
LAI-15	4/18/2006	20.03	--	--	--	5.35	14.68	14.68
LAI-15	5/12/2006	20.03	--	--	--	5.61	14.42	14.42
LAI-15	6/9/2006	20.03	--	--	--	5.32	14.71	14.71
LAI-15	7/13/2006	20.03	--	--	--	6.20	13.83	13.83
LAI-15	8/16/2006	20.03	--	--	--	6.60	13.43	13.43
LAI-15	9/19/2006	20.03	--	--	--	7.05	12.98	12.98
LAI-15	10/13/2006	20.03	--	--	--	6.80	13.23	13.23
LAI-15	11/20/2006	20.03	--	--	--	2.53	17.50	17.50
LAI-15	12/8/2006	20.03	--	--	--	3.11	16.92	16.92
LAI-15	1/19/2007	20.03	--	--	--	3.12	16.91	16.91
LAI-15	2/19/2007	20.03	--	--	--	5.10	14.93	14.93
LAI-15	3/15/2007	20.03	--	--	--	4.32	15.71	15.71
LAI-15	4/16/2007	20.03	--	--	--	4.76	15.27	15.27
LAI-15	5/14/2007	20.03	--	--	--	5.88	14.15	14.15
LAI-15	6/29/2007	20.03	--	--	--	6.44	13.59	13.59
LAI-15	7/20/2007	20.03	--	--	--	6.55	13.48	13.48
LAI-15	8/21/2007	20.03	--	--	--	6.74	13.29	13.29
LAI-15	9/10/2007	20.03	--	--	--	6.84	13.19	13.19
LAI-15	10/22/2007	20.03	--	--	--	6.03	14.00	14.00
LAI-15	11/28/2007	20.03	--	--	--	5.34	14.69	14.69
LAI-15	12/13/2007	20.03	--	--	--	3.50	16.53	16.53
LAI-15	1/21/2008	20.03	--	--	--	4.12	15.91	15.91
LAI-15	2/24/2008	20.03	--	--	--	5.14	14.89	14.89
LAI-15	3/24/2008	20.03	--	--	--	5.52	14.51	14.51
LAI-15	8/25/2008	20.03	--	--	--	6.62	13.41	13.41
LAI-15	2/18/2009	20.03	--	--	--	5.50	14.53	14.53
LAI-15	8/25/2009	20.03	--	--	--	6.94	13.09	13.09
LAI-15	3/22/2010	20.03	--	--	--	4.71	15.32	15.32
LAI-15	8/23/2010	20.03	--	--	--	6.36	13.67	13.67
LAI-15	2/7/2011	20.03	--	--	--	4.20	15.83	--
LAI-15	5/27/2011	20.03			Not Monitored			
LAI-15	8/8/2011	20.03	--	--	--	6.30	13.73	--
LAI-15	11/14/2011	20.03	--	--	--	6.05	13.98	--
LAI-15	2/20/2012	20.03	--	--	--	3.88	16.15	--
LAI-15	8/22/2012	20.03	--	--	--	6.40	13.63	--
LAI-15	11/5/2012	20.03	--	--	--	4.71	15.32	--
LAI-15	1/28/2013	20.03	--	--	--	4.41	15.62	--
LAI-15	5/9/2013	20.03	--	--	--	4.79	15.24	--
LAI-15	8/19/2013	20.03	--	--	--	6.69	13.34	--
LAI-15	11/25/2013	20.03	--	--	--	4.86	15.17	--
LAI-15	2/14/2014	20.03	--	--	--	4.59	15.44	--
LAI-15	5/5/2014	20.03	--	--	--	3.56	16.47	--
LAI-15	8/19/2014	20.03	--	--	--	6.50	13.53	--
LAI-15	11/21/2014	20.03	--	--	--	4.43	15.60	--
LAI-16	1/31/2003	20.59	--	--	--	6.28	14.31	--
LAI-16	2/12/2003	20.59	--	--	--	6.65	13.94	14.31
LAI-16	2/18/2003	20.59	--	--	--	6.70	13.89	13.94
LAI-16	2/21/2003	20.59	--	--	--	6.73	13.86	13.89
LAI-16	2/24/2003	20.59	--	--	--	6.74	13.85	13.85
LAI-16	3/3/2003	20.59	--	--	--	6.86	13.73	13.73
LAI-16	3/12/2003	20.59	--	--	--	6.52	14.07	14.07
LAI-16	3/14/2003	20.59	--	--	--	6.39	14.20	14.20
LAI-16	3/26/2003	20.59	--	--	--	6.48	14.11	14.11
LAI-16	3/28/2003	20.59	--	--	--	7.46	13.13	13.13
LAI-16	4/2/2003	20.59	--	--	--	6.63	13.96	13.96
LAI-16	4/4/2003	20.59	--	--	--	6.71	13.88	13.88
LAI-16	4/8/2003	20.59	--	--	--	6.90	13.69	13.69
LAI-16	4/11/2003	20.59	--	--	--	6.75	13.84	13.84
LAI-16	4/15/2003	20.59	--	--	--	6.68	13.91	13.91
LAI-16	4/17/2003	20.59	--	--	--	6.73	13.86	13.86
LAI-16	4/22/2003	20.59	--	--	--	6.87	13.72	13.72
LAI-16	4/25/2003	20.59	--	--	--	6.99	13.60	13.60
LAI-16	5/2/2003	20.59	--	--	--	6.78	13.81	13.81
LAI-16	5/6/2003	20.59	--	--	--	7.26	13.33	13.33
LAI-16	5/9/2003	20.59	--	--	--	7.35	13.24	13.24
LAI-16	5/16/2003	20.59	--	--	--	7.60	12.99	12.99
LAI-16	5/23/2003	20.59	--	--	--	8.08	12.51	12.51
LAI-16	5/28/2003	20.59	--	--	--	7.87	12.72	12.72
LAI-16	6/13/2003	20.59	--	--	--	8.31	12.28	12.28
LAI-16	6/18/2003	20.59	--	--	--	8.45	12.14	12.14
LAI-16	6/27/2003	20.59	--	--	--	8.08	12.51	12.51
LAI-16	7/7/2003	20.59			Not Monitored			--
LAI-16	7/16/2003	20.59	--	--	--	8.00	12.59	12.59
LAI-16	7/31/2003	20.59			Dry			Dry
LAI-16	8/5/2003	20.59			Dry			Dry
LAI-16	8/11/2003	20.59			Dry			Dry
LAI-16	8/22/2003	20.59			Dry			Dry
LAI-16	8/26/2003	20.59			Dry			Dry
LAI-16	9/2/2003	20.59			Dry			Dry
LAI-16	9/9/2003	20.59			Dry			Dry
LAI-16	9/19/2003	20.59			Dry			Dry
LAI-16	10/14/2003	20.59			Dry			Dry
LAI-16	11/20/2003	20.59	--	--	--	6.95	13.64	13.64
LAI-16	12/3/2003	20.59	--	--	--	6.68	13.91	13.91
LAI-16	1/19/2004	20.59	--	--	--	6.49	14.10	14.10
LAI-16	2/24/2004	20.59	--	--	--	6.62	13.97	13.97
LAI-16	3/15/2004	20.59	--	--	--	7.02	13.57	13.57
LAI-16	4/19/2004	20.59	--	--	--	7.64	12.95	12.95
LAI-16	5/17/2004	20.59	--	--	--	8.35	12.24	12.24
LAI-16	6/22/2004	20.59	--	--	--	8.52	12.07	12.07
LAI-16	8/18/2004	20.59			Dry			Dry
LAI-16	9/21/2004	20.59			Dry			Dry
LAI-16	10/19/2004	20.59	--	--	--	9.30	11.29	11.29
LAI-16	11/23/2004	20.59	--	--	--	8.38	12.21	12.21
LAI-16	12/21/2004	20.59	--	--	--	6.87	13.72	13.72
LAI-16	1/13/2005	20.59	--	--	--	7.12	13.47	13.47

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

LAI-16	4/28/2005	20.59	--	--	--	6.95	13.64	13.64
LAI-16	6/1/2005	20.59	--	--	--	7.35	13.24	13.24
LAI-16	6/29/2005	20.59	--	--	--	7.95	12.64	12.64
LAI-16	7/20/2005	20.59	--	--	--	8.78	11.81	11.81
LAI-16	8/22/2005	20.59			Dry			Dry
LAI-16	9/12/2005	20.59			Dry			Dry
LAI-16	10/12/2005	20.59			Dry			Dry
LAI-16	11/21/2005	20.59	--	--	--	8.48	12.11	10.13
LAI-16	12/27/2005	20.59	--	--	--	6.71	13.88	11.13
LAI-16	1/30/2006	20.59			Dry			Dry
LAI-16	2/16/2006	20.59	--	--	--	6.45	14.14	11.13
LAI-16	3/13/2006	20.59	--	--	--	6.75	13.84	11.13
LAI-16	4/18/2006	20.59	--	--	--	7.18	13.41	13.41
LAI-16	5/12/2006	20.59	--	--	--	7.50	13.09	13.09
LAI-16	6/9/2006	20.59	--	--	--	7.62	12.97	12.97
LAI-16	7/13/2006	20.59	--	--	--	6.10	14.49	14.49
LAI-16	8/16/2006	20.59			Dry			Dry
LAI-16	9/19/2006	20.59			Dry			Dry
LAI-16	10/13/2006	20.59			Dry			Dry
LAI-16	11/20/2006	20.59	--	--	--	6.33	14.26	14.26
LAI-16	12/8/2006	20.59	--	--	--	6.45	14.14	14.14
LAI-16	1/19/2007	20.59	--	--	--	6.11	14.48	14.48
LAI-16	2/19/2007	20.59	--	--	--	6.67	13.92	13.92
LAI-16	3/15/2007	20.59	--	--	--	6.55	14.04	14.04
LAI-16	4/16/2007	20.59	--	--	--	6.89	13.70	13.70
LAI-16	5/14/2007	20.59	--	--	--	7.54	13.05	13.05
LAI-16	6/29/2007	20.59			Dry			Dry
LAI-16	7/20/2007	20.59			Dry			Dry
LAI-16	8/21/2007	20.59			Dry			Dry
LAI-16	9/10/2007	20.59			Dry			Dry
LAI-16	10/22/2007	20.59			Dry			Dry
LAI-16	11/28/2007	20.59	--	--	--	8.41	12.18	12.18
LAI-16	12/13/2007	20.59	--	--	--	6.65	13.94	13.94
LAI-16	1/21/2008	20.59	--	--	--	6.43	14.16	14.16
LAI-16	2/24/2008	20.59	--	--	--	6.87	13.72	13.72
LAI-16	3/24/2008	20.59	--	--	--	6.95	13.64	13.64
LAI-16	8/25/2008	20.59	--	--	--	7.12	13.47	13.47
LAI-16	2/18/2009	20.59	--	--	--	7.00	13.59	13.59
LAI-16	8/25/2009	20.59			Dry			Dry
LAI-16	3/22/2010	20.59	--	--	--	6.93	13.66	13.66
LAI-16	8/23/2010	20.59			Dry			0.00
LAI-16	2/7/2011	20.59	--	--	--	6.45	14.14	--
LAI-16	5/27/2011	20.59	--	--	--	6.99	13.60	--
LAI-16	11/14/2011	20.59	--	--	--	9.15	11.44	--
LAI-16	2/20/2012	20.59	--	--	--	6.49	14.10	--
LAI-16	8/22/2012	20.59	--	--	--	Dry	--	--
LAI-16	11/5/2012	20.59	--	--	--	9.39	11.20	--
LAI-16	1/28/2013	20.59	--	--	--	6.52	14.07	--
LAI-16	5/9/2013	20.59	--	--	--	6.48	14.11	--
LAI-16	8/19/2013	20.59			DRY			--
LAI-16	11/25/2013	20.59	--	--	--	6.95	13.64	--
LAI-16	2/14/2014	20.59	--	--	--	6.49	14.10	--
LAI-16	5/5/2014	20.59	--	--	--	6.51	14.08	--
LAI-16	8/19/2014	20.59			DRY			--
LAI-16	11/21/2014	20.59	--	--	--	6.70	13.89	--
RW-1	11/20/2002	24.60	8.25	16.35	0.95	9.20	16.11	--
RW-1	11/21/2002	24.60	8.25	16.35	1.15	9.40	16.06	16.83
RW-1	11/22/2002	24.60	8.22	16.38	1.20	9.42	16.08	16.93
RW-1	11/24/2002	24.60	8.35	16.25	1.06	9.41	15.99	16.98
RW-1	1/2/2003	24.60	5.61	18.99	0.21	5.82	18.94	19.10
RW-1	1/3/2003	24.60	5.51	19.09	0.21	5.72	19.04	19.20
RW-1	1/6/2003	24.60	5.35	19.25	0.29	5.64	19.18	19.40
RW-1	1/7/2003	24.60	5.68	18.92	0.28	5.96	18.85	19.06
RW-1	1/8/2003	24.60	5.95	18.65	0.28	6.23	18.58	18.79
RW-1	1/9/2003	24.60	6.03	18.57	0.29	6.32	18.50	18.72
RW-1	1/10/2003	24.60	6.20	18.40	0.30	6.50	18.33	18.55
RW-1	1/13/2003	24.60	6.00	18.60	0.32	6.32	18.52	18.76
RW-1	1/14/2003	24.60	5.72	18.88	0.73	6.45	18.70	19.25
RW-1	1/15/2003	24.60	5.99	18.61	0.19	6.18	18.56	18.71
RW-1	1/16/2003	24.60	6.10	18.50	0.30	6.40	18.43	18.65
RW-1	1/17/2003	24.60	6.15	18.45	0.30	6.45	18.38	18.60
RW-1	1/20/2003	24.60	6.34	18.26	0.35	6.69	18.17	18.44
RW-1	1/22/2003	24.60	5.60	19.00	0.29	5.89	18.93	19.15
RW-1	1/23/2003	24.60	5.80	18.80	0.35	6.15	18.71	18.98
RW-1	1/24/2003	24.60	5.37	19.23	0.38	5.75	19.14	19.42
RW-1	1/27/2003	24.60	4.68	19.92	0.47	5.15	19.80	20.16
RW-1	1/28/2003	24.60	4.66	19.94	0.45	5.11	19.83	20.17
RW-1	1/29/2003	24.60	4.67	19.93	0.46	5.13	19.82	20.16
RW-1	1/30/2003	24.60	4.90	19.70	0.44	5.34	19.59	19.92
RW-1	2/3/2003	24.60	5.65	18.95	0.41	6.06	18.85	19.16
RW-1	2/6/2003	24.24	6.76	17.48	0.40	7.16	17.38	17.68
RW-1	2/11/2003	24.24	7.35	16.89	0.42	7.77	16.79	17.10
RW-1	2/18/2003	24.24	--	--	--	6.55	17.69	17.69
RW-1	2/21/2003	24.24	7.90	16.34	0.93	8.83	16.11	16.81
RW-1	2/26/2003	24.24	7.70	16.54	0.81	8.51	16.34	16.95
RW-1	3/4/2003	24.24	7.11	17.13	0.63	7.74	16.97	17.45
RW-1	3/12/2003	24.24	7.30	16.94	0.46	7.76	16.83	17.17
RW-1	3/14/2003	24.24	6.85	17.39	--	7.31	16.93	16.93
RW-1	3/26/2003	24.24	6.39	17.85	0.13	6.52	17.82	17.92
RW-1	3/28/2003	24.24	7.41	16.83	0.15	7.56	16.79	16.91
RW-1	4/2/2003	24.24	7.45	16.79	0.10	7.55	16.77	16.84
RW-1	4/4/2003	24.24	7.70	16.54	0.05	7.75	16.53	16.57
RW-1	4/8/2003	24.24	7.25	16.99	0.02	7.27	16.99	17.00
RW-1	4/11/2003	24.24	7.15	17.09	0.03	7.18	17.08	17.11
RW-1	4/15/2003	24.24	6.57	17.67	0.02	6.59	17.67	17.68
RW-1	4/17/2003	24.24	7.52	16.72	0.02	7.54	16.72	16.73
RW-1	4/22/2003	24.24	7.53	16.71	0.02	7.55	16.71	16.72
RW-1	4/25/2003	24.24	7.42	16.82	0.01	7.43	16.82	16.83
RW-1	5/2/2003	24.24	8.84	15.40	0.01	8.85	15.40	15.41
RW-1	5/6/2003	24.24	--	--	--	9.02	15.22	15.22

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

RW-1	5/9/2003	24.24	--	--	--	9.21	15.03	15.03
RW-1	5/23/2003	24.24	--	--	--	9.26	14.98	14.98
RW-1	5/28/2003	24.24	9.35	14.89	0.01	9.36	14.89	14.90
RW-1	6/13/2003	24.24	9.52	14.72	0.49	10.01	14.60	14.97
RW-1	6/18/2003	24.24	9.22	15.02	0.91	10.13	14.79	15.48
RW-1	6/27/2003	24.24	--	--	--	9.81	14.43	14.43
RW-1	7/7/2003	24.24	10.26	13.98	0.03	10.29	13.97	14.00
RW-1	7/16/2003	24.24	10.09	14.15	0.26	10.35	14.09	14.28
RW-1	7/31/2003	24.24	10.34	13.90	0.01	10.35	13.90	13.91
RW-1	8/5/2003	24.24	10.32	13.92	0.08	10.40	13.90	13.96
RW-1	8/11/2003	24.24	11.34	12.90	0.01	11.35	12.90	12.91
RW-1	8/22/2003	24.24	11.34	12.90	0.01	11.35	12.90	12.91
RW-1	8/26/2003	24.24	--	--	--	10.36	13.88	13.88
RW-1	9/2/2003	24.24	--	--	--	10.36	13.88	13.88
RW-1	9/9/2003	24.24	10.33	13.91	0.05	10.38	13.90	13.94
RW-1	9/19/2003	24.24	10.33	13.91	0.03	10.36	13.90	13.93
RW-1	10/14/2003	24.24	--	--	--	10.30	13.94	13.94
RW-1	11/20/2003	24.24	--	--	--	5.52	18.72	18.72
RW-1	12/3/2003	24.24	--	--	--	5.44	18.80	18.80
RW-1	1/19/2004	24.24	--	--	--	5.57	18.67	18.67
RW-1	2/24/2004	24.24	--	--	--	7.45	16.79	16.79
RW-1	3/15/2004	24.24	--	--	--	8.87	15.37	15.37
RW-1	4/19/2004	24.24	--	--	--	9.56	14.68	14.68
RW-1	5/17/2004	24.24	--	--	--	10.14	14.10	14.10
RW-1	6/22/2004	24.24	--	--	--	9.91	14.33	14.33
RW-1	8/18/2004	24.24	10.30	13.94	0.01	10.31	13.94	13.95
RW-1	9/21/2004	24.24	--	--	--	10.05	14.19	14.19
RW-1	10/19/2004	24.24	--	--	--	9.73	14.51	14.51
RW-1	11/23/2004	24.24	--	--	--	9.50	14.74	14.74
RW-1	12/21/2004	24.24	--	--	--	6.86	17.38	17.38
RW-1	1/13/2005	24.24	--	--	--	8.32	15.92	15.92
RW-1	4/28/2005	24.24	--	--	--	7.15	17.09	17.09
RW-1	6/1/2005	24.24	--	--	--	7.60	16.64	16.64
RW-1	6/29/2005	24.24			Not Monitored			NM
RW-1	7/20/2005	24.24			Not Monitored			NM
RW-1	8/22/2005	24.24	--	--	--	10.35	13.89	10.97
RW-1	9/12/2005	24.24	--	--	--	10.36	13.88	13.88
RW-1	10/12/2005	24.24	--	--	--	10.40	13.84	13.84
RW-1	11/21/2005	24.24	--	--	--	9.09	15.15	15.15
RW-1	12/27/2005	24.24	--	--	--	5.72	18.52	18.52
RW-1	1/30/2006	24.24	--	--	--	4.34	19.90	19.90
RW-1	2/16/2006	24.24	--	--	--	5.86	18.38	18.38
RW-1	3/13/2006	24.24	--	--	--	7.51	16.73	16.73
RW-1	4/18/2006	24.24	--	--	--	7.05	17.19	17.19
RW-1	5/12/2006	24.24	--	--	--	8.53	15.71	15.71
RW-1	6/9/2006	24.24	--	--	--	7.70	16.54	16.54
RW-1	7/13/2006	24.24	--	--	--	9.44	14.80	14.80
RW-1	8/16/2006	24.24	--	--	--	10.35	13.89	13.89
RW-1	9/19/2006	24.24	--	--	--	10.42	13.82	13.82
RW-1	10/13/2006	24.24	--	--	--	10.45	13.79	13.79
RW-1	11/20/2006	24.24	--	--	--	5.15	19.09	19.09
RW-1	12/8/2006	24.24	--	--	--	5.51	18.73	18.73
RW-1	1/19/2007	24.24	--	--	--	5.02	19.22	19.22
RW-1	2/19/2007	24.24	--	--	--	6.70	17.54	17.54
RW-1	3/15/2007	24.24	--	--	--	5.51	18.73	18.73
RW-1	4/16/2007	24.24	--	--	--	7.32	16.92	16.92
RW-1	5/14/2007	24.24	--	--	--	9.05	15.19	15.19
RW-1	6/29/2007	24.24	--	--	--	10.21	14.03	14.03
RW-1	7/20/2007	24.24	--	--	--	Dry	NM	Dry
RW-1	8/21/2007	24.24	--	--	--	10.35	13.89	13.89
RW-1	9/10/2007	24.24	--	--	--	Dry	NM	Dry
RW-1	10/22/2007	24.24	--	--	--	7.38	16.86	16.86
RW-1	11/28/2007	24.24	--	--	--	7.98	16.26	16.26
RW-1	12/13/2007	24.24	--	--	--	6.57	17.67	17.67
RW-1	1/21/2008	24.24	--	--	--	5.97	18.27	18.27
RW-1	2/24/2008	24.24	--	--	--	8.78	15.46	15.46
RW-1	3/24/2008	24.24	--	--	--	5.95	18.29	18.29
RW-1	8/25/2008	24.24	--	--	--	6.02	18.22	18.22
RW-1	2/18/2009	24.24	--	--	--	9.13	15.11	15.11
RW-1	8/25/2009	24.24	--	--	--	10.39	13.85	13.85
RW-1	3/22/2010	24.24	--	--	--	7.96	16.28	16.28
RW-1	8/23/2010	24.24	--	--	--	10.37	13.87	13.87
RW-1	2/7/2011	24.24	--	--	--	5.69	18.55	--
RW-1	5/27/2011	24.24	--	--	--	7.56	16.68	--
RW-1	8/8/2011	24.24			Dry			
RW-1	11/14/2011	24.24	--	--	--	9.45	14.79	--
RW-1	2/20/2012	24.24	--	--	--	5.53	18.71	--
RW-1	8/22/2012	24.24	--	--	--	10.23	14.01	--
RW-1	11/5/2012	24.24	--	--	--	5.52	18.72	--
RW-1	1/28/2013	24.24	--	--	--	6.16	18.08	--
RW-1	5/9/2013	24.24	--	--	--	8.41	15.83	--
RW-1	8/19/2013	24.24	--	--	--	10.37	13.87	--
RW-1	11/25/2013	24.24	--	--	--	7.47	16.77	--
RW-1	2/14/2014	24.24	--	--	--	4.36	19.88	--
RW-1	5/5/2014	24.24	--	--	--	3.96	20.28	--
RW-1	8/19/2014	24.24	--	--	--	10.43	13.81	--
RW-1	11/21/2014	24.24	--	--	--	5.41	18.83	--
RW-1	9/16/2020	24.60	--	--	--	7.93	16.67	--
RW-2	11/20/2002	24.58	8.05	16.53	1.35	9.40	16.19	--
RW-2	11/21/2002	24.58	8.00	16.58	1.40	9.40	16.23	17.21
RW-2	11/22/2002	24.58	8.00	16.58	1.41	9.41	16.23	17.28
RW-2	11/24/2002	24.58	8.21	16.37	1.49	9.70	16.00	17.29
RW-2	1/2/2003	24.58	6.11	18.47	2.27	8.38	17.90	19.61
RW-2	1/6/2003	24.58	5.40	19.18	2.78	8.18	18.49	20.57
RW-2	1/7/2003	24.58	6.41	18.17	0.54	6.95	18.04	18.44
RW-2	1/8/2003	24.58	7.67	16.91	0.01	7.68	16.91	16.92
RW-2	1/9/2003	24.58	8.72	15.86	0.01	8.73	15.86	15.87
RW-2	1/10/2003	24.58	6.38	18.20	0.54	6.92	18.07	18.47
RW-2	1/13/2003	24.58	8.42	16.16	0.10	8.52	16.14	16.21
RW-2	1/14/2003	24.58	6.17	18.41	1.32	7.49	18.08	19.07

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

RW-2	1/15/2003	24.58	5.95	18.63	0.85	6.80	18.42	19.06
RW-2	1/16/2003	24.58	6.51	18.07	1.00	7.51	17.82	18.57
RW-2	1/17/2003	24.58	6.40	18.18	1.12	7.52	17.90	18.74
RW-2	1/20/2003	24.58	6.35	18.23	1.59	7.94	17.83	19.03
RW-2	1/22/2003	24.58	5.86	18.72	2.74	8.60	18.04	20.09
RW-2	1/23/2003	24.58	5.92	18.66	3.23	9.15	17.85	20.28
RW-2	1/24/2003	24.58	5.37	19.21	0.62	5.99	19.06	19.52
RW-2	1/27/2003	24.58	4.69	19.89	0.53	5.22	19.76	20.16
RW-2	1/28/2003	24.58	4.83	19.75	3.71	8.54	18.82	21.61
RW-2	1/29/2003	24.58	4.82	19.76	3.66	8.48	18.85	21.59
RW-2	1/30/2003	24.58	4.95	19.63	0.94	5.89	19.40	20.10
RW-2	2/3/2003	24.58	5.29	19.29	3.82	9.11	18.34	21.20
RW-2	2/6/2003	24.19	6.16	18.03	3.48	9.64	17.16	19.77
RW-2	2/11/2003	24.19	6.61	17.58	3.17	9.78	16.79	19.17
RW-2	2/18/2003	24.19	7.46	16.73	2.72	10.18	16.05	18.09
RW-2	2/21/2003	24.19	7.40	16.79	2.76	10.16	16.10	18.17
RW-2	2/26/2003	24.19	7.66	16.53	0.69	8.35	16.36	16.88
RW-2	3/4/2003	24.19	7.15	17.04	1.42	8.57	16.69	17.75
RW-2	3/12/2003	24.19	7.60	16.59	0.02	7.62	16.59	16.60
RW-2	3/14/2003	24.19	7.38	16.81	1.61	8.99	16.41	17.62
RW-2	3/26/2003	24.19	6.85	17.34	0.70	7.55	17.17	17.69
RW-2	3/28/2003	24.19	7.48	16.71	0.87	8.35	16.49	17.15
RW-2	4/2/2003	24.19	7.55	16.64	0.86	8.41	16.43	17.07
RW-2	4/4/2003	24.19	7.95	16.24	0.56	8.51	16.10	16.52
RW-2	4/8/2003	24.19	8.02	16.17	0.03	8.05	16.16	16.19
RW-2	4/11/2003	24.19	8.22	15.97	0.01	8.23	15.97	15.98
RW-2	4/15/2003	24.19	--	--	--	7.68	16.51	16.51
RW-2	4/17/2003	24.19	8.34	15.85	0.06	8.40	15.84	15.88
RW-2	4/22/2003	24.19	8.36	15.83	0.16	8.52	15.79	15.91
RW-2	4/25/2003	24.19	8.30	15.89	0.11	8.41	15.86	15.95
RW-2	5/2/2003	24.19	8.75	15.44	0.31	9.06	15.36	15.60
RW-2	5/6/2003	24.19	8.82	15.37	0.61	9.43	15.22	15.68
RW-2	5/9/2003	24.19	9.16	15.03	0.62	9.78	14.88	15.34
RW-2	5/23/2003	24.19	9.15	15.04	1.42	10.57	14.69	15.75
RW-2	5/28/2003	24.19	8.95	15.24	1.49	10.44	14.87	15.99
RW-2	6/13/2003	24.19	9.24	14.95	1.35	10.59	14.61	15.63
RW-2	6/18/2003	24.19	9.20	14.99	1.31	10.51	14.66	15.65
RW-2	6/27/2003	24.19	9.23	14.96	1.26	10.49	14.65	15.59
RW-2	7/7/2003	24.19	10.01	14.18	0.42	10.43	14.08	14.39
RW-2	7/16/2003	24.19	9.83	14.36	0.71	10.54	14.18	14.72
RW-2	7/31/2003	24.19	10.31	13.88	0.15	10.46	13.84	13.96
RW-2	8/5/2003	24.19	10.28	13.91	0.22	10.50	13.86	14.02
RW-2	8/11/2003	24.19	--	--	--	11.38	12.81	12.81
RW-2	8/22/2003	24.19	--	--	--	11.38	12.81	12.81
RW-2	8/26/2003	24.19	--	--	--	11.26	12.93	12.93
RW-2	9/2/2003	24.19	--	--	--	10.40	13.79	13.79
RW-2	9/9/2003	24.19	10.34	13.85	0.06	10.40	13.84	13.88
RW-2	9/19/2003	24.19	--	--	--	10.70	13.49	13.49
RW-2	10/14/2003	24.19	--	--	--	10.38	13.81	13.81
RW-2	11/20/2003	24.19	--	--	--	7.66	16.53	16.53
RW-2	12/3/2003	24.19	--	--	--	6.65	17.54	17.54
RW-2	1/19/2004	24.19	--	--	--	7.13	17.06	17.06
RW-2	2/24/2004	24.19	--	--	--	7.92	16.27	16.27
RW-2	3/15/2004	24.19			Not Monitored			--
RW-2	4/19/2004	24.19	--	NA	--	10.01	14.18	--
RW-2	5/17/2004	24.19			Not Monitored			--
RW-2	6/22/2004	24.19	--	NA	--	10.08	14.11	14.11
RW-2	8/18/2004	24.19	--	NA	--	10.44	13.75	13.75
RW-2	9/21/2004	24.19	9.95	14.24	0.18	10.13	14.20	14.33
RW-2	10/19/2004	24.19	9.04	15.15	0.08	9.12	15.13	15.19
RW-2	11/23/2004	24.19	7.82	16.37	0.50	8.32	16.25	16.62
RW-2	12/21/2004	24.19	--	--	--	6.95	17.24	17.24
RW-2	1/13/2005	24.19	--	--	--	8.39	15.80	15.80
RW-2	4/28/2005	24.19	--	--	--	8.20	15.99	15.99
RW-2	6/1/2005	24.19	--	--	--	9.62	14.57	14.57
RW-2	6/29/2005	24.19	--	--	--	10.41	13.78	13.78
RW-2	7/20/2005	24.19	--	--	--	10.90	13.29	13.29
RW-2	8/22/2005	24.19	10.94	13.25	0.04	10.98	13.24	13.27
RW-2	5/27/2011	24.19			Not Monitored			
RWx-2	9/12/2005	26.20	--	--	--	12.55	13.65	13.65
RWx-2	10/12/2005	26.20	13.81	12.39	0.61	14.42	12.24	12.70
RWx-2	11/21/2005	26.20	11.20	15.00	1.13	12.33	14.72	15.57
RWx-2	12/27/2005	26.20	--	--	--	9.50	16.70	16.70
RWx-2	1/30/2006	26.20	--	--	--	6.55	19.65	19.65
RWx-2	2/16/2006	26.20	--	--	--	9.00	17.20	17.20
RWx-2	3/13/2006	26.20	--	--	--	9.85	16.35	16.35
RWx-2	4/18/2006	26.20	--	--	--	10.16	16.04	16.04
RWx-2	5/12/2006	26.20	--	--	--	10.56	15.64	15.64
RWx-2	6/9/2006	26.20	--	--	--	10.13	16.07	16.07
RWx-2	7/13/2006	26.20	--	--	--	12.61	13.59	13.59
RWx-2	8/16/2006	26.20	12.28	13.92	0.62	12.90	13.77	14.23
RWx-2	9/19/2006	26.20	--	--	--	12.95	13.25	13.25
RWx-2	10/13/2006	26.20	12.66	13.54	0.97	13.63	13.30	14.03
RWx-2	11/20/2006	26.20	7.13	19.07	0.37	7.50	18.98	19.26
RWx-2	12/8/2006	26.20	7.83	18.37	0.34	8.17	18.29	18.54
RWx-2	1/19/2007	26.20	7.06	19.14	0.25	7.31	19.08	19.27
RWx-2	2/19/2007	26.20	9.95	16.25	0.30	10.25	16.18	16.40
RWx-2	3/15/2007	26.20	8.50	17.70	0.04	8.54	17.69	17.72
RWx-2	4/16/2007	26.20	--	--	--	9.57	16.63	16.63
RWx-2	5/14/2007	26.20	11.12	15.08	0.00	11.12	15.08	15.08
RWx-2	6/29/2007	26.20	--	--	--	12.04	14.16	14.16
RWx-2	7/20/2007	26.20	--	--	--	12.51	13.69	13.69
RWx-2	8/21/2007	26.20	--	--	--	13.80	12.40	12.40
RWx-2	9/10/2007	26.20	--	--	--	13.84	12.36	12.36
RWx-2	10/22/2007	26.20	--	--	--	12.33	13.87	13.87
RWx-2	11/28/2007	26.20	9.80	16.40	1.00	10.80	16.15	16.90
RWx-2	12/13/2007	26.20	--	--	--	10.56	15.64	15.64
RWx-2	1/21/2008	26.20	10.41	15.79	0.09	10.50	15.77	15.84
RWx-2	2/24/2008	26.20	--	--	--	11.17	15.03	15.03
RWx-2	3/24/2008	26.20	--	--	--	11.10	15.10	15.10

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

RWx-2	8/25/2008	26.20	12.48	13.72	0.02	12.50	13.72	13.73
RWx-2	2/18/2009	26.20	--	--	--	11.15	15.05	15.05
RWx-2	8/25/2009	26.20	--	--	--	13.81	12.39	12.39
RWx-2	3/22/2010	26.20	--	--	--	9.40	16.80	16.80
RWx-2	8/23/2010	26.20	--	--	--	10.60	15.60	15.60
RWx-2	2/7/2011	26.20	--	--	--	9.21	16.99	--
RWx-2	5/27/2011	26.20			Not Monitored			
RWX-2	11/14/2016	26.20	--	--	--	6.32	19.88	--
RWX-2	11/18/2016	26.20	--	--	--	--	--	13.98
RWX-2	2/17/2017	26.20	6.17	20.03	0.01	6.18	20.03	14.36
RWX-2	5/26/2017	26.20	--	--	--	8.29	17.91	14.49
RWX-2	9/26/2017	26.20	--	--	--	13.84	12.36	--
RWX-2	9/28/2017	--	--	--	--	--	--	--
RWX-2	12/14/2017	26.20	--	--	--	5.78	20.42	--
RWX-2	2/26/2018	26.20	--	--	--	6.82	19.38	--
RWX-2	6/11/2018	26.20	--	--	--	10.49	15.71	--
RWX-2	6/27/2018	26.20	--	--	--	11.09	15.11	--
RWX-2	8/29/2018	26.20	--	--	--	14.19	12.01	--
RWX-2	12/17/2018	26.20	--	--	--	5.39	20.81	--
RWX-2	9/16/2020	26.20	--	--	--	13.29	12.91	--
RW-3	11/20/2002	22.03	8.45	13.58	0.80	9.25	13.38	--
RW-3	11/21/2002	22.03	8.27	13.76	1.20	9.47	13.46	--
RW-3	11/22/2002	22.03	8.18	13.85	1.28	9.46	13.53	--
RW-3	11/24/2002	22.03	7.94	14.09	1.68	9.62	13.67	14.93
RW-3	1/2/2003	22.03	6.52	15.51	0.04	6.56	15.50	15.53
RW-3	1/3/2003	22.03	6.38	15.65	0.23	6.61	15.59	15.77
RW-3	1/6/2003	22.03	5.92	16.11	0.03	5.95	16.10	16.13
RW-3	1/7/2003	22.03	5.81	16.22	0.04	5.85	16.21	16.24
RW-3	1/8/2003	22.03	5.74	16.29	0.05	5.79	16.28	16.32
RW-3	1/9/2003	22.03	5.78	16.25	0.05	5.83	16.24	16.28
RW-3	1/10/2003	22.03	5.88	16.15	0.05	5.93	16.14	16.18
RW-3	1/13/2003	22.03	6.02	16.01	0.08	6.10	15.99	16.05
RW-3	1/14/2003	22.03	5.97	16.06	0.09	6.06	16.04	16.11
RW-3	1/15/2003	22.03	5.87	16.16	0.12	5.99	16.13	16.22
RW-3	1/16/2003	22.03	5.89	16.14	0.09	5.98	16.12	16.19
RW-3	1/17/2003	22.03	5.85	16.18	0.07	5.92	16.16	16.22
RW-3	1/20/2003	22.03	5.98	16.05	0.13	6.11	16.02	16.12
RW-3	1/22/2003	22.03	5.91	16.12	0.09	6.00	16.10	16.17
RW-3	1/23/2003	22.03	6.20	15.83	0.49	6.69	15.71	16.08
RW-3	1/24/2003	22.03	6.02	16.01	0.24	6.26	15.95	16.13
RW-3	1/27/2003	22.03	5.57	16.46	0.08	5.65	16.44	16.50
RW-3	1/28/2003	22.03	5.55	16.48	0.07	5.62	16.46	16.52
RW-3	1/29/2003	22.03	5.44	16.59	0.06	5.50	16.58	16.62
RW-3	1/30/2003	22.03	5.56	16.47	0.06	5.62	16.46	16.50
RW-3	2/3/2003	22.03	5.75	16.28	0.10	5.85	16.26	16.33
RW-3	2/6/2003	22.85	6.44	16.41	0.12	6.56	16.38	16.47
RW-3	2/11/2003	22.85	6.81	16.04	0.32	7.13	15.96	16.20
RW-3	2/18/2003	22.85	7.29	15.56	0.88	8.17	15.34	16.00
RW-3	2/21/2003	22.85	7.19	15.66	0.75	7.94	15.47	16.04
RW-3	2/26/2003	22.85	6.73	16.12	0.31	7.04	16.04	16.28
RW-3	3/4/2003	22.85	6.83	16.02	0.34	7.17	15.94	16.19
RW-3	3/12/2003	22.85	7.38	15.47	0.06	7.44	15.46	15.50
RW-3	3/14/2003	22.85	7.21	15.64	0.07	7.28	15.62	15.68
RW-3	3/26/2003	22.85	6.52	16.33	0.01	6.53	16.33	16.34
RW-3	3/28/2003	22.85	--	--	--	7.09	15.76	15.76
RW-3	4/2/2003	22.85	--	--	--	7.05	15.80	15.80
RW-3	4/4/2003	22.85	--	--	--	7.26	15.59	15.59
RW-3	4/8/2003	22.85	--	--	--	6.90	15.95	15.95
RW-3	4/11/2003	22.85	--	--	--	7.51	15.34	15.34
RW-3	4/15/2003	22.85	--	--	--	6.67	16.18	16.18
RW-3	4/17/2003	22.85	--	--	--	7.61	15.24	15.24
RW-3	4/22/2003	22.85	--	--	--	7.61	15.24	15.24
RW-3	4/25/2003	22.85	--	--	--	7.22	15.63	15.63
RW-3	5/2/2003	22.85	8.21	14.64	0.25	8.46	14.58	14.77
RW-3	5/6/2003	22.85	8.51	14.34	0.24	8.75	14.28	14.46
RW-3	5/9/2003	22.85	8.71	14.14	0.12	8.83	14.11	14.20
RW-3	5/23/2003	22.85	9.74	13.11	0.03	9.77	13.10	13.13
RW-3	5/28/2003	22.85	8.75	14.10	0.01	8.76	14.10	14.11
RW-3	6/13/2003	22.85	9.19	13.66	0.02	9.21	13.66	13.67
RW-3	6/18/2003	22.85	9.16	13.69	0.06	9.22	13.68	13.72
RW-3	6/27/2003	22.85	--	--	--	9.50	13.35	13.35
RW-3	7/7/2003	22.85	10.05	12.80	0.06	10.11	12.79	12.83
RW-3	7/16/2003	22.85	10.02	12.83	0.01	10.03	12.83	12.84
RW-3	7/31/2003	22.85	10.18	12.67	0.11	10.29	12.64	12.73
RW-3	8/5/2003	22.85	--	--	--	Dry	NM	Dry
RW-3	8/11/2003	22.85	11.00	11.85	0.30	11.30	11.78	12.00
RW-3	8/22/2003	22.85	10.98	11.87	0.29	11.27	11.80	12.02
RW-3	8/26/2003	22.85	--	--	--	11.14	11.71	11.71
RW-3	9/2/2003	22.85	--	--	--	10.28	12.57	12.57
RW-3	9/9/2003	22.85	--	--	--	10.29	12.56	12.56
RW-3	9/19/2003	22.85	--	--	--	10.29	12.56	12.56
RW-3	10/14/2003	22.85	--	--	--	10.30	12.55	12.55
RW-3	11/20/2003	22.85	7.16	15.69	1.29	8.45	15.37	16.34
RW-3	12/3/2003	22.85	6.72	16.13	0.05	6.77	16.12	16.16
RW-3	1/19/2004	22.85	--	--	--	6.26	16.59	16.59
RW-3	2/24/2004	22.85	--	--	--	6.72	16.13	16.13
RW-3	3/15/2004	22.85	--	--	--	7.78	15.07	15.07
RW-3	4/19/2004	22.85	--	--	--	8.71	14.14	14.14
RW-3	5/17/2004	22.85	9.73	13.12	0.01	9.74	13.12	13.13
RW-3	6/22/2004	22.85	9.36	13.49	0.02	9.38	13.49	13.50
RW-3	8/18/2004	22.85	--	--	--	10.26	12.59	12.59
RW-3	9/21/2004	22.85	--	--	--	10.00	12.85	12.85
RW-3	10/19/2004	22.85	--	--	--	8.21	14.64	14.64
RW-3	11/23/2004	22.85	--	--	--	9.18	13.67	13.67
RW-3	12/21/2004	22.85	--	--	--	6.71	16.14	16.14
RW-3	1/13/2005	22.85	--	--	--	7.73	15.12	15.12
RW-3	4/28/2005	22.85	--	--	--	6.78	16.07	16.07
RW-3	6/1/2005	22.85	--	--	--	7.10	15.75	15.75
RW-3	6/29/2005	22.85	--	--	--	8.72	14.13	14.13
RW-3	7/20/2005	22.85	--	--	--	9.20	13.65	13.65

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

RW-3	8/22/2005	22.85	--	--	--	9.50	13.35	13.35
RW-3	9/12/2005	22.85	--	--	--	9.28	13.57	13.57
RW-3	10/12/2005	22.85	--	--	--	9.29	13.56	13.56
RW-3	11/21/2005	22.85	--	--	--	7.25	15.60	15.60
RW-3	12/27/2005	22.85	--	--	--	4.12	18.73	18.73
RW-3	1/30/2006	22.85	--	--	--	2.41	20.44	20.44
RW-3	2/16/2006	22.85	--	--	--	4.69	18.16	18.16
RW-3	3/13/2006	22.85	--	--	--	5.89	16.96	16.96
RW-3	4/18/2006	22.85	--	--	--	6.02	16.83	16.83
RW-3	5/12/2006	22.85	--	--	--	6.74	16.11	16.11
RW-3	6/9/2006	22.85	--	--	--	6.28	16.57	16.57
RW-3	7/13/2006	22.85	--	--	--	7.56	15.29	15.29
RW-3	8/16/2006	22.85	--	--	--	8.75	14.10	14.10
RW-3	9/19/2006	22.85	--	--	--	9.30	13.55	13.55
RW-3	10/13/2006	22.85	--	--	--	9.13	13.72	13.72
RW-3	11/20/2006	22.85	--	--	--	3.63	19.22	19.22
RW-3	12/8/2006	22.85	--	--	--	4.01	18.84	18.84
RW-3	1/19/2007	22.85	--	--	--	3.48	19.37	19.37
RW-3	2/19/2007	22.85	--	--	--	6.21	16.64	16.64
RW-3	3/15/2007	22.85	--	--	--	4.97	17.88	17.88
RW-3	4/16/2007	22.85	--	--	--	5.81	17.04	17.04
RW-3	5/14/2007	22.85	--	--	--	7.30	15.55	15.55
RW-3	6/29/2007	22.85	--	--	--	8.57	14.28	14.28
RW-3	7/20/2007	22.85	--	--	--	9.05	13.80	13.80
RW-3	8/21/2007	22.85	--	--	--	9.30	13.55	13.55
RW-3	9/10/2007	22.85	--	--	--	9.29	13.56	13.56
RW-3	10/22/2007	22.85	--	--	--	8.02	14.83	14.83
RW-3	11/28/2007	22.85	--	--	--	7.51	15.34	15.34
RW-3	12/13/2007	22.85	--	--	--	6.82	16.03	16.03
RW-3	1/21/2008	22.85	--	--	--	6.29	16.56	16.56
RW-3	2/24/2008	22.85	--	--	--	7.00	15.85	15.85
RW-3	3/24/2008	22.85	--	--	--	6.68	16.17	16.17
RW-3	8/25/2008	22.85	--	--	--	8.15	14.70	14.70
RW-3	2/18/2009	22.85	--	--	--	7.24	15.61	15.61
RW-3	8/25/2009	22.85	--	--	--	9.33	13.52	13.52
RW-3	3/22/2010	22.85	--	--	--	6.24	16.61	16.61
RW-3	8/23/2010	22.85	--	--	--	8.85	14.00	14.00
RW-3	2/7/2011	22.85	--	--	--	5.16	17.69	--
RW-3	5/27/2011	22.85	--	--	--	6.38	16.47	--
RW-3	8/8/2011	22.85	--	--	--	8.97	13.88	--
RW-3	11/14/2011	22.85	--	--	--	8.10	14.75	--
RW-3	2/20/2012	22.85	--	--	--	4.77	18.08	--
RW-3	8/22/2012	22.85	--	--	--	8.58	14.27	--
RW-3	11/5/2012	22.85	--	--	--	5.12	17.73	--
RW-3	1/28/2013	22.85	--	--	--	4.98	17.87	--
RW-3	5/9/2013	22.85	--	--	--	6.83	16.02	--
RW-3	8/19/2013	22.85	--	--	--	9.31	13.54	--
RW-3	11/25/2013	22.85	--	--	--	6.85	16.00	--
RW-3	2/14/2014	22.85	--	--	--	4.64	18.21	--
RW-3	5/5/2014	22.85	--	--	--	4.14	18.71	--
RW-3	8/19/2014	22.85	--	--	--	9.31	13.54	--
RW-3	11/21/2014	22.85	--	--	--	6.69	16.16	--
RW-3	9/16/2020	22.03	--	--	--	9.08	12.95	--
RW-4	11/20/2002	23.02	7.50	15.52	2.64	10.14	14.86	--
RW-4	11/21/2002	23.02	7.50	15.52	2.64	10.14	14.86	16.84
RW-4	11/22/2002	23.02	8.37	14.65	0.77	9.14	14.46	16.84
RW-4	11/24/2002	23.02	7.57	15.45	2.52	10.09	14.82	15.04
RW-4	1/3/2003	23.02	6.31	16.71	0.50	6.81	16.59	16.96
RW-4	1/6/2003	23.02	6.02	17.00	0.04	6.06	16.99	17.02
RW-4	1/7/2003	23.02	5.74	17.28	0.18	5.92	17.24	17.37
RW-4	1/8/2003	23.02	5.67	17.35	0.14	5.81	17.32	17.42
RW-4	1/9/2003	23.02	5.67	17.35	0.19	5.86	17.30	17.45
RW-4	1/10/2003	23.02	5.76	17.26	0.25	6.01	17.20	17.39
RW-4	1/13/2003	23.02	5.80	17.22	0.35	6.15	17.13	17.40
RW-4	1/14/2003	23.02	5.85	17.17	0.29	6.14	17.10	17.32
RW-4	1/15/2003	23.02	5.05	17.97	1.80	6.85	17.52	18.87
RW-4	1/16/2003	23.02	5.78	17.24	0.27	6.05	17.17	17.38
RW-4	1/17/2003	23.02	5.72	17.30	0.27	5.99	17.23	17.44
RW-4	1/20/2003	23.02	5.84	17.18	0.30	6.14	17.11	17.33
RW-4	1/22/2003	23.02	5.82	17.20	0.34	6.16	17.12	17.37
RW-4	1/23/2003	23.02	6.12	16.90	0.58	6.70	16.76	17.19
RW-4	1/24/2003	23.02	5.97	17.05	0.38	6.35	16.96	17.24
RW-4	1/27/2003	23.02	5.51	17.51	0.13	5.64	17.48	17.58
RW-4	1/28/2003	23.02	5.50	17.52	0.10	5.60	17.50	17.57
RW-4	1/29/2003	23.02	5.36	17.66	0.07	5.43	17.64	17.70
RW-4	1/30/2003	23.02	5.45	17.57	0.13	5.58	17.54	17.64
RW-4	2/3/2003	23.02	5.66	17.36	0.21	5.87	17.31	17.47
RW-4	2/6/2003	23.78	6.35	17.43	0.28	6.63	17.36	17.57
RW-4	2/11/2003	23.78	6.75	17.03	0.39	7.14	16.93	17.23
RW-4	2/18/2003	23.78	7.22	16.56	1.07	8.29	16.29	17.10
RW-4	2/21/2003	23.78	7.10	16.68	0.97	8.07	16.44	17.17
RW-4	2/26/2003	23.78	6.74	17.04	0.84	7.58	16.83	17.46
RW-4	3/4/2003	23.78	7.08	16.70	0.14	7.22	16.67	16.77
RW-4	3/12/2003	23.78	7.34	16.44	0.41	7.75	16.34	16.65
RW-4	3/14/2003	23.78	7.20	16.58	0.64	7.84	16.42	16.90
RW-4	3/26/2003	23.78	6.61	17.17	0.40	7.01	17.07	17.37
RW-4	3/28/2003	23.78	7.15	16.63	0.47	7.62	16.51	16.87
RW-4	4/2/2003	23.78	7.21	16.57	0.24	7.45	16.51	16.69
RW-4	4/4/2003	23.78	7.52	16.26	0.15	7.67	16.22	16.34
RW-4	4/8/2003	23.78	--	--	--	7.26	16.52	16.52
RW-4	4/11/2003	23.78	7.72	16.06	0.03	7.75	16.05	16.08
RW-4	4/15/2003	23.78	7.14	16.64	0.06	7.20	16.63	16.67
RW-4	4/17/2003	23.78	7.82	15.96	0.08	7.90	15.94	16.00
RW-4	4/22/2003	23.78	7.87	15.91	0.08	7.95	15.89	15.95
RW-4	4/25/2003	23.78	7.91	15.87	0.11	8.02	15.84	15.93
RW-4	5/2/2003	23.78	8.32	15.46	0.13	8.45	15.43	15.53
RW-4	5/6/2003	23.78	8.50	15.28	0.31	8.81	15.20	15.44
RW-4	5/9/2003	23.78	8.72	15.06	0.36	9.08	14.97	15.24
RW-4	5/23/2003	23.78	8.92	14.86	1.11	10.03	14.58	15.42
RW-4	5/28/2003	23.78	8.80	14.98	0.02	8.82	14.98	14.99

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

RW-4	6/13/2003	23.78	8.90	14.88	1.72	10.62	14.45	15.74
RW-4	6/18/2003	23.78	8.85	14.93	1.96	10.81	14.44	15.91
RW-4	6/27/2003	23.78	9.40	14.38	1.42	10.82	14.03	15.09
RW-4	7/7/2003	23.78	9.54	14.24	1.27	10.81	13.92	14.88
RW-4	7/16/2003	23.78	9.41	14.37	1.40	10.81	14.02	15.07
RW-4	7/31/2003	23.78	9.95	13.83	0.85	10.80	13.62	14.26
RW-4	8/5/2003	23.78	9.82	13.96	0.98	10.80	13.72	14.45
RW-4	8/11/2003	23.78	10.84	12.94	0.94	11.78	12.71	13.41
RW-4	8/22/2003	23.78	10.87	12.91	0.92	11.79	12.68	13.37
RW-4	8/26/2003	23.78	10.36	13.42	0.44	10.80	13.31	13.64
RW-4	9/2/2003	23.78	10.22	13.56	0.58	10.80	13.42	13.85
RW-4	9/9/2003	23.78	--	--	--	10.80	12.98	12.98
RW-4	9/19/2003	23.78	--	--	--	10.81	12.97	12.97
RW-4	10/14/2003	23.78	--	--	--	10.80	12.98	12.98
RW-4	11/20/2003	23.78	7.96	15.82	1.54	9.50	15.44	16.59
RW-4	12/3/2003	23.78	6.75	17.03	1.03	7.78	16.77	17.55
RW-4	1/19/2004	23.78	6.18	17.60	0.06	6.24	17.59	17.63
RW-4	2/24/2004	23.78	6.97	16.81	0.06	7.03	16.80	16.84
RW-4	3/15/2004	23.78	--	--	--	8.10	15.68	15.68
RW-4	4/19/2004	23.78	--	--	--	8.71	15.07	15.07
RW-4	5/17/2004	23.78	--	--	--	9.73	14.05	14.05
RW-4	6/22/2004	23.78	--	--	--	9.57	14.21	14.21
RW-4	8/18/2004	23.78	10.35	13.43	0.42	10.77	13.33	13.64
RW-4	9/21/2004	23.78	9.53	14.25	0.19	9.72	14.20	14.35
RW-4	10/19/2004	23.78	8.63	15.15	0.39	9.02	15.05	15.35
RW-4	11/23/2004	23.78	8.94	14.84	0.05	8.99	14.83	14.87
RW-4	12/21/2004	23.78	6.68	17.10	0.08	6.76	17.08	17.14
RW-4	1/13/2005	23.78	--	--	--	7.74	16.04	16.04
RW-4	4/28/2005	23.78	--	--	--	6.77	17.01	17.01
RW-4	6/1/2005	23.78	--	--	--	7.02	16.76	16.76
RW-4	6/29/2005	23.78			Not Monitored			NM
RW-4	7/20/2005	23.78			Not Monitored			NM
RW-4	8/22/2005	23.78	--	--	--	9.50	14.28	11.18
RW-4	9/12/2005	23.78	--	--	--	10.31	13.47	13.47
RW-4	10/12/2005	23.78	10.69	13.09	0.13	10.82	13.06	13.16
RW-4	11/21/2005	23.78	--	--	--	8.40	15.38	15.38
RW-4	12/27/2005	23.78	--	--	--	5.14	18.64	18.64
RW-4	1/30/2006	23.78	--	--	--	3.40	20.38	20.38
RW-4	2/16/2006	23.78	--	--	--	5.65	18.13	18.13
RW-4	3/13/2006	23.78	--	--	--	6.81	16.97	16.97
RW-4	4/18/2006	23.78	--	--	--	6.95	16.83	16.83
RW-4	5/12/2006	23.78	--	--	--	7.69	16.09	16.09
RW-4	6/9/2006	23.78	--	--	--	7.25	16.53	16.53
RW-4	7/13/2006	23.78	--	--	--	8.56	15.22	15.22
RW-4	8/16/2006	23.78	--	--	--	9.70	14.08	14.08
RW-4	9/19/2006	23.78	--	--	--	10.30	13.48	13.48
RW-4	10/13/2006	23.78	--	--	--	10.05	13.73	13.73
RW-4	11/20/2006	23.78	--	--	--	4.64	19.14	19.14
RW-4	12/8/2006	23.78	--	--	--	5.00	18.78	18.78
RW-4	1/19/2007	23.78	--	--	--	4.47	19.31	19.31
RW-4	2/19/2007	23.78	--	--	--	7.16	16.62	16.62
RW-4	3/15/2007	23.78	--	--	--	5.91	17.87	17.87
RW-4	4/16/2007	23.78	--	--	--	6.75	17.03	17.03
RW-4	5/14/2007	23.78	--	--	--	8.22	15.56	15.56
RW-4	6/29/2007	23.78	--	--	--	9.54	14.24	14.24
RW-4	7/20/2007	23.78	--	--	--	10.02	13.76	13.76
RW-4	8/21/2007	23.78	--	--	--	10.72	13.06	13.06
RW-4	9/10/2007	23.78	--	--	--	10.71	13.07	13.07
RW-4	10/22/2007	23.78	--	--	--	8.88	14.90	14.90
RW-4	11/28/2007	23.78			Not Monitored			NM
RW-4	12/13/2007	23.78	--	--	--	7.22	16.56	16.56
RW-4	1/21/2008	23.78	--	--	--	7.22	16.56	16.56
RW-4	2/24/2008	23.78	--	--	--	7.91	15.87	15.87
RW-4	3/24/2008	23.78	--	--	--	7.69	16.09	16.09
RW-4	8/25/2008	23.78	--	--	--	9.18	14.60	14.60
RW-4	2/18/2009	23.78	--	--	--	8.17	15.61	15.61
RW-4	8/25/2009	23.78	--	--	--	10.85	12.93	12.93
RW-4	3/22/2010	23.78	--	--	--	7.17	16.61	16.61
RW-4	8/23/2010	23.78	--	--	--	9.89	13.89	13.89
RW-4	2/7/2011	23.78	--	--	--	6.11	17.67	--
RW-4	5/27/2011	23.78			Not Monitored			
RW-4	8/8/2011	23.78	--	--	--	9.85	13.93	--
RW-4	11/14/2011	23.78	--	--	--	9.06	14.72	--
RW-4	2/20/2012	23.78	--	--	--	5.12	18.66	--
RW-4	8/22/2012	23.78	--	--	--	9.51	14.27	--
RW-4	11/5/2012	23.78	--	--	--	6.07	17.71	--
RW-4	1/28/2013	23.78	--	--	--	5.94	17.84	--
RW-4	5/9/2013	23.78	--	--	--	7.77	16.01	--
RW-4	8/19/2013	23.78	--	--	--	10.37	13.41	--
RW-4	11/25/2013	23.78	--	--	--	7.76	16.02	--
RW-4	2/14/2014	23.78	--	--	--	5.57	18.21	--
RW-4	5/5/2014	23.78	--	--	--	5.08	18.70	--
RW-4	8/19/2014	23.78	--	--	--	10.29	13.49	--
RW-4	11/21/2014	23.78	--	--	--	7.67	16.11	--
RW-4	9/16/2020	23.02	--	--	--	9.03	13.99	--
RW-5	11/20/2002	23.70	8.65	15.05	0.02	8.67	15.05	--
RW-5	11/21/2002	23.70	8.30	15.40	0.10	8.40	15.38	15.06
RW-5	11/22/2002	23.70	8.46	15.24	0.06	8.52	15.23	15.45
RW-5	11/24/2002	23.70	8.63	15.07	0.28	8.91	15.00	15.27
RW-5	1/2/2003	23.70	6.87	16.83	0.04	6.91	16.82	16.85
RW-5	1/3/2003	23.70	6.77	16.93	0.03	6.80	16.92	16.95
RW-5	1/6/2003	23.70	6.46	17.24	0.04	6.50	17.23	17.26
RW-5	1/7/2003	23.70	6.36	17.34	0.06	6.42	17.33	17.37
RW-5	1/8/2003	23.70	6.13	17.57	0.03	6.16	17.56	17.59
RW-5	1/9/2003	23.70	6.25	17.45	0.03	6.28	17.44	17.47
RW-5	1/10/2003	23.70	6.43	17.27	0.04	6.47	17.26	17.29
RW-5	1/13/2003	23.70	6.48	17.22	0.03	6.51	17.21	17.24
RW-5	1/14/2003	23.70	6.44	17.26	0.05	6.49	17.25	17.29
RW-5	1/15/2003	23.70	6.37	17.33	0.04	6.41	17.32	17.35
RW-5	1/16/2003	23.70	6.40	17.30	0.02	6.42	17.30	17.31

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

RW-5	1/17/2003	23.70	6.37	17.33	0.04	6.41	17.32	17.35
RW-5	1/20/2003	23.70	6.57	17.13	0.05	6.62	17.12	17.16
RW-5	1/22/2003	23.70	6.60	17.10	0.08	6.68	17.08	17.14
RW-5	1/23/2003	23.70	6.83	16.87	0.07	6.90	16.85	16.91
RW-5	1/24/2003	23.70	6.69	17.01	0.03	6.72	17.00	17.03
RW-5	1/27/2003	23.70	5.97	17.73	0.06	6.03	17.72	17.76
RW-5	1/28/2003	23.70	5.95	17.75	0.09	6.04	17.73	17.80
RW-5	1/29/2003	23.70	5.82	17.88	0.12	5.94	17.85	17.94
RW-5	1/30/2003	23.70	5.90	17.80	0.10	6.00	17.78	17.85
RW-5	2/3/2003	23.70	6.34	17.36	0.07	6.41	17.34	17.40
RW-5	2/6/2003	24.44	7.12	17.32	0.06	7.18	17.31	17.35
RW-5	2/11/2003	24.44	7.63	16.81	0.07	7.70	16.79	16.85
RW-5	2/18/2003	24.44	8.11	16.33	0.14	8.25	16.30	16.40
RW-5	2/21/2003	24.44	7.99	16.45	0.03	8.02	16.44	16.47
RW-5	2/26/2003	24.44	7.74	16.70	0.01	7.75	16.70	16.71
RW-5	3/4/2003	24.44	--	--	--	7.59	16.85	16.85
RW-5	3/12/2003	24.44	8.04	16.40	0.01	8.05	16.40	16.41
RW-5	3/14/2003	24.44	7.84	16.60	0.01	7.85	16.60	16.61
RW-5	3/26/2003	24.44	--	--	--	7.19	17.25	17.25
RW-5	3/28/2003	24.44	--	--	--	7.71	16.73	16.73
RW-5	4/2/2003	24.44	--	--	--	7.85	16.59	16.59
RW-5	4/4/2003	24.44	--	--	--	8.16	16.28	16.28
RW-5	4/8/2003	24.44	7.71	16.73	0.00	7.72	16.73	16.73
RW-5	4/11/2003	24.44	--	--	--	7.78	16.66	16.66
RW-5	4/15/2003	24.44	7.44	17.00	0.01	7.45	17.00	17.01
RW-5	4/17/2003	24.44	--	--	--	7.91	16.53	16.53
RW-5	4/22/2003	24.44	--	--	--	7.75	16.69	16.69
RW-5	4/25/2003	24.44	--	--	--	7.84	16.60	16.60
RW-5	5/2/2003	24.44	--	--	--	8.78	15.66	15.66
RW-5	5/6/2003	24.44	9.05	15.39	0.01	9.06	15.39	15.40
RW-5	5/9/2003	24.44	9.06	15.38	0.05	9.11	15.37	15.41
RW-5	5/23/2003	24.44	9.08	15.36	0.01	9.09	15.36	15.37
RW-5	5/28/2003	24.44	9.27	15.17	0.01	9.28	15.17	15.18
RW-5	6/13/2003	24.44	9.85	14.59	0.06	9.91	14.58	14.62
RW-5	6/18/2003	24.44	9.81	14.63	0.08	9.89	14.61	14.67
RW-5	6/27/2003	24.44	9.26	15.18	0.22	9.48	15.13	15.29
RW-5	7/7/2003	24.44	10.51	13.93	0.19	10.70	13.88	14.03
RW-5	7/16/2003	24.44	10.29	14.15	0.16	10.45	14.11	14.23
RW-5	7/31/2003	24.44	--	--	--	10.68	13.76	13.76
RW-5	8/5/2003	24.44	--	--	--	10.68	13.76	13.76
RW-5	8/11/2003	24.44	--	--	--	11.68	12.76	12.76
RW-5	8/22/2003	24.44	11.57	12.87	0.08	11.65	12.85	12.91
RW-5	8/26/2003	24.44	--	--	--	10.68	13.76	13.76
RW-5	9/2/2003	24.44	--	--	--	10.67	13.77	13.77
RW-5	9/9/2003	24.44	--	--	--	10.68	13.76	13.76
RW-5	9/19/2003	24.44	--	--	--	10.68	13.76	13.76
RW-5	10/14/2003	24.44	--	--	--	10.65	13.79	13.79
RW-5	11/20/2003	24.44	--	--	--	8.20	16.24	16.24
RW-5	12/3/2003	24.44	--	--	--	7.15	17.29	17.29
RW-5	1/19/2004	24.44	--	--	--	6.71	17.73	17.73
RW-5	2/24/2004	24.44	--	--	--	7.68	16.76	16.76
RW-5	3/15/2004	24.44	--	--	--	8.58	15.86	15.86
RW-5	4/19/2004	24.44	--	--	--	9.47	14.97	14.97
RW-5	5/17/2004	24.44	--	--	--	10.28	14.16	14.16
RW-5	6/22/2004	24.44	--	--	--	9.76	14.68	14.68
RW-5	8/18/2004	24.44	10.69	13.75	0.01	10.70	13.75	13.76
RW-5	9/21/2004	24.44	--	--	--	9.35	15.09	15.09
RW-5	10/19/2004	24.44	--	--	--	8.55	15.89	15.89
RW-5	11/23/2004	24.44	--	--	--	8.94	15.50	15.50
RW-5	12/21/2004	24.44	--	--	--	7.48	16.96	16.96
RW-5	1/13/2005	24.44	--	--	--	8.38	16.06	16.06
RW-5	4/28/2005	24.44	--	--	--	7.78	16.66	16.66
RW-5	6/1/2005	24.44	--	--	--	8.08	16.36	16.36
RW-5	6/29/2005	24.44	--	--	--	9.28	15.16	15.16
RW-5	7/20/2005	24.44			Not Monitored			NM
RW-5	8/22/2005	24.44	--	--	--	10.45	13.99	13.99
RW-5	5/27/2011	24.44			Not Monitored			
RWx-5	9/12/2005	24.97	--	--	--	13.43	11.54	11.54
RWx-5	10/12/2005	24.97	--	--	--	13.32	11.65	11.65
RWx-5	11/21/2005	24.97	10.88	14.09	0.03	10.91	14.08	14.11
RWx-5	12/27/2005	24.97	8.39	16.58	0.21	8.60	16.53	16.69
RWx-5	1/30/2006	24.97	7.85	17.12	0.01	7.86	17.12	17.13
RWx-5	2/16/2006	24.97	7.77	17.20	0.21	7.98	17.15	17.31
RWx-5	3/13/2006	24.97	7.74	17.23	0.07	7.81	17.21	17.27
RWx-5	4/18/2006	24.97	8.95	16.02	0.23	9.18	15.96	16.14
RWx-5	5/12/2006	24.97	9.33	15.64	0.13	9.46	15.61	15.71
RWx-5	6/9/2006	24.97	8.87	16.10	0.03	8.90	16.09	16.12
RWx-5	7/13/2006	24.97	10.05	14.92	0.25	10.30	14.86	15.05
RWx-5	8/16/2006	24.97	11.10	13.87	0.27	11.37	13.80	14.01
RWx-5	9/19/2006	24.97	--	--	--	11.67	13.30	13.30
RWx-5	10/13/2006	24.97	11.45	13.52	0.15	11.60	13.48	13.60
RWx-5	11/20/2006	24.97	--	--	--	6.86	18.11	18.11
RWx-5	12/8/2006	24.97	--	--	--	7.25	17.72	17.72
RWx-5	1/19/2007	24.97	--	--	--	6.60	18.37	18.37
RWx-5	2/19/2007	24.97	--	--	--	8.90	16.07	16.07
RWx-5	3/15/2007	24.97	--	--	--	7.77	17.20	17.20
RWx-5	4/16/2007	24.97	--	--	--	8.35	16.62	16.62
RWx-5	5/14/2007	24.97	--	--	--	9.77	15.20	15.20
RWx-5	6/29/2007	24.97	--	--	--	10.92	14.05	14.05
RWx-5	7/20/2007	24.97	--	--	--	11.37	13.60	13.60
RWx-5	8/21/2007	24.97	--	--	--	12.05	12.92	12.92
RWx-5	9/10/2007	24.97	12.10	--	--	12.11	12.86	12.86
RWx-5	10/22/2007	24.97	--	--	--	10.52	14.45	14.45
RWx-5	11/28/2007	24.97	--	--	--	9.95	15.02	15.02
RWx-5	12/13/2007	24.97	--	--	--	8.71	16.26	16.26
RWx-5	1/21/2008	24.97	--	--	--	8.75	16.22	16.22
RWx-5	2/24/2008	24.97	--	--	--	12.21	12.76	12.76
RWx-5	3/24/2008	24.97	--	--	--	9.36	15.61	15.61
RWx-5	8/25/2008	24.97	--	--	--	11.17	13.80	13.80
RWx-5	2/18/2009	24.97	--	--	--	9.92	15.05	15.05

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

RWx-5	8/25/2009	24.97	--	--	--	12.58	12.39	12.39
RWx-5	3/22/2010	24.97	--	--	--	9.02	15.95	15.95
RWx-5	8/23/2010	24.97	--	--	--	11.57	13.40	13.40
RWx-5	2/7/2011	24.97	--	--	--	8.15	16.82	--
RWx-5	5/27/2011	24.97	--	--	--	9.16	15.81	--
RWx-5	8/8/2011	24.97	--	--	--	11.63	13.34	--
RWx-5	11/14/2011	24.97	--	--	--	10.56	14.41	--
RWx-5	2/20/2012	24.97	--	--	--	8.21	16.76	--
RWx-5	8/22/2012	24.97	--	--	--	11.25	13.72	--
RWx-5	11/5/2012	24.97	--	--	--	8.52	16.45	--
RWx-5	1/28/2013	24.97	--	--	--	8.07	16.90	--
RWx-5	5/9/2013	24.97	--	--	--	10.61	14.36	--
RWx-5	8/19/2013	24.97	--	--	--	12.71	12.26	--
RWx-5	11/25/2013	24.97	--	--	--	9.12	15.85	--
RWx-5	2/14/2014	24.97	--	--	--	6.71	18.26	--
RWx-5	5/5/2014	24.97	--	--	--	6.28	18.69	--
RWx-5	8/19/2014	24.97	--	--	--	11.97	13.00	--
RWx-5	11/21/2014	24.97	--	--	--	9.00	15.97	--
RWX-5	9/1/2022	24.97	--	--	--	12.20	12.77	
RW-6	11/20/2002	23.43	8.05	15.38	2.05	10.10	14.87	--
RW-6	11/21/2002	23.43	8.40	15.03	0.15	8.55	14.99	16.41
RW-6	11/22/2002	23.43	8.45	14.98	0.24	8.69	14.92	15.11
RW-6	11/24/2002	23.43	8.65	14.78	0.33	8.98	14.70	15.10
RW-6	1/2/2003	23.43	6.70	16.73	0.87	7.57	16.51	17.17
RW-6	1/7/2003	23.43	6.50	16.93	0.26	6.76	16.87	17.06
RW-6	1/8/2003	23.43	6.09	17.34	0.51	6.60	17.21	17.60
RW-6	1/9/2003	23.43	6.28	17.15	0.38	6.66	17.06	17.34
RW-6	1/10/2003	23.43	6.42	17.01	0.23	6.65	16.95	17.13
RW-6	1/13/2003	23.43	8.16	15.27	0.07	8.23	15.25	15.31
RW-6	1/14/2003	23.43	6.73	16.70	0.20	6.93	16.65	16.80
RW-6	1/15/2003	23.43	6.30	17.13	0.60	6.90	16.98	17.43
RW-6	1/16/2003	23.43	6.28	17.15	0.65	6.93	16.99	17.48
RW-6	1/17/2003	23.43	6.29	17.14	0.00	6.29	17.14	17.14
RW-6	1/20/2003	23.43	6.31	17.12	0.63	6.94	16.96	17.44
RW-6	1/22/2003	23.43	6.41	17.02	0.75	7.16	16.83	17.40
RW-6	1/23/2003	23.43	6.60	16.83	0.80	7.40	16.63	17.23
RW-6	1/24/2003	23.43	6.45	16.98	0.76	7.21	16.79	17.36
RW-6	1/27/2003	23.43	5.82	17.61	0.62	6.44	17.46	17.92
RW-6	1/28/2003	23.43	5.90	17.53	0.39	6.29	17.43	17.73
RW-6	1/29/2003	23.43	5.81	17.62	0.35	6.16	17.53	17.80
RW-6	1/30/2003	23.43	5.92	17.51	0.28	6.20	17.44	17.65
RW-6	2/3/2003	23.43	6.25	17.18	0.19	6.44	17.13	17.28
RW-6	2/6/2003	24.18	6.96	17.22	0.18	7.14	17.18	17.31
RW-6	2/11/2003	24.18	7.44	16.74	0.31	7.75	16.66	16.90
RW-6	2/18/2003	24.18	7.90	16.28	0.51	8.41	16.15	16.54
RW-6	2/21/2003	24.18	7.86	16.32	0.47	8.33	16.20	16.56
RW-6	2/26/2003	24.18	7.76	16.42	0.01	7.77	16.42	16.43
RW-6	3/4/2003	24.18	--	--	--	7.46	16.72	16.72
RW-6	3/12/2003	24.18	8.01	16.17	0.01	8.02	16.17	16.18
RW-6	3/14/2003	24.18	--	--	--	7.81	16.37	16.37
RW-6	3/26/2003	24.18	--	--	--	7.02	17.16	17.16
RW-6	3/28/2003	24.18	--	--	--	7.62	16.56	16.56
RW-6	4/2/2003	24.18	--	--	--	7.74	16.44	16.44
RW-6	4/4/2003	24.18	--	--	--	8.07	16.11	16.11
RW-6	4/8/2003	24.18	--	--	--	7.69	16.49	16.49
RW-6	4/11/2003	24.18	7.61	16.57	0.01	7.62	16.57	16.58
RW-6	4/15/2003	24.18	--	--	--	7.29	16.89	16.89
RW-6	4/17/2003	24.18	7.78	16.40	0.01	7.79	16.40	16.41
RW-6	4/22/2003	24.18	--	--	--	7.81	16.37	16.37
RW-6	4/25/2003	24.18	--	--	--	7.75	16.43	16.43
RW-6	5/2/2003	24.18	--	--	--	8.66	15.52	15.52
RW-6	5/6/2003	24.18	8.84	15.34	0.28	9.12	15.27	15.48
RW-6	5/9/2003	24.18	8.82	15.36	0.43	9.25	15.25	15.58
RW-6	5/23/2003	24.18	8.85	15.33	0.86	9.71	15.12	15.76
RW-6	5/28/2003	24.18	8.93	15.25	1.08	10.01	14.98	15.79
RW-6	6/13/2003	24.18	9.28	14.90	0.81	10.09	14.70	15.31
RW-6	6/18/2003	24.18	9.22	14.96	1.53	10.75	14.58	15.73
RW-6	6/27/2003	24.18	9.60	14.58	1.22	10.82	14.28	15.19
RW-6	7/7/2003	24.18	9.90	14.28	0.91	10.81	14.05	14.74
RW-6	7/16/2003	24.18	9.68	14.50	1.08	10.76	14.23	15.04
RW-6	7/31/2003	24.18	10.34	13.84	0.42	10.76	13.74	14.05
RW-6	8/5/2003	24.18	10.30	13.88	0.45	10.75	13.77	14.11
RW-6	8/11/2003	24.18	11.35	12.83	0.39	11.74	12.73	13.03
RW-6	8/22/2003	24.18	11.10	13.08	0.64	11.74	12.92	13.40
RW-6	8/26/2003	24.18	10.71	13.47	0.05	10.76	13.46	13.50
RW-6	9/2/2003	24.18	10.61	13.57	0.14	10.75	13.54	13.64
RW-6	9/9/2003	24.18	--	--	--	10.76	13.42	13.42
RW-6	9/19/2003	24.18	--	--	--	10.76	13.42	13.42
RW-6	10/14/2003	24.18	--	--	--	10.75	13.43	13.43
RW-6	11/20/2003	24.18	--	--	--	8.50	15.68	15.68
RW-6	12/3/2003	24.18	--	--	--	7.08	17.10	17.10
RW-6	1/19/2004	24.18	--	--	--	6.62	17.56	17.56
RW-6	2/24/2004	24.18	--	--	--	7.58	16.60	16.60
RW-6	3/15/2004	24.18	--	--	--	8.57	15.61	15.61
RW-6	4/19/2004	24.18	--	--	--	9.36	14.82	14.82
RW-6	5/17/2004	24.18	--	--	--	10.15	14.03	14.03
RW-6	6/22/2004	24.18	--	--	--	9.91	14.27	14.27
RW-6	8/18/2004	24.18	10.72	13.46	0.01	10.73	13.46	13.47
RW-6	9/21/2004	24.18	--	--	--	9.73	14.45	14.45
RW-6	10/19/2004	24.18	--	--	--	8.83	15.35	15.35
RW-6	11/23/2004	24.18	--	--	--	8.86	15.32	15.32
RW-6	12/21/2004	24.18	--	--	--	7.33	16.85	16.85
RW-6	1/13/2005	24.18	--	--	--	8.22	15.96	15.96
RW-6	4/28/2005	24.18	--	--	--	7.65	16.53	16.53
RW-6	6/1/2005	24.18	--	--	--	7.95	16.23	16.23
RW-6	6/29/2005	24.18	--	--	--	9.21	14.97	14.97
RW-6	7/20/2005	24.18	--	--	--	9.81	14.37	14.37
RW-6	8/22/2005	24.18	--	--	--	10.20	13.98	13.98
RW-6	9/12/2005	24.18	--	--	--	10.77	13.41	13.41
RW-6	10/12/2005	24.18	--	--	--	10.77	13.41	13.41

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

RW-6	11/21/2005	24.18	--	--	--	9.96	14.22	14.22
RW-6	12/27/2005	24.18	--	--	--	7.45	16.73	16.73
RW-6	1/30/2006	24.18	--	--	--	4.72	19.46	19.46
RW-6	2/16/2006	24.18	--	--	--	6.86	17.32	17.32
RW-6	3/13/2006	24.18	--	--	--	7.82	16.36	16.36
RW-6	4/18/2006	24.18	--	--	--	8.04	16.14	16.14
RW-6	5/12/2006	24.18	--	--	--	8.52	15.66	15.66
RW-6	6/9/2006	24.18	--	--	--	8.10	16.08	16.08
RW-6	7/13/2006	24.18	--	--	--	9.26	14.92	14.92
RW-6	8/16/2006	24.18	--	--	--	10.25	13.93	13.93
RW-6	9/19/2006	24.18	--	--	--	10.77	13.41	13.41
RW-6	10/13/2006	24.18	--	--	--	10.56	13.62	13.62
RW-6	11/20/2006	24.18	--	--	--	6.05	18.13	18.13
RW-6	12/8/2006	24.18	--	--	--	6.39	17.79	17.79
RW-6	1/19/2007	24.18	--	--	--	5.68	18.50	18.50
RW-6	2/19/2007	24.18	--	--	--	7.95	16.23	16.23
RW-6	3/15/2007	24.18	--	--	--	6.96	17.22	17.22
RW-6	4/16/2007	24.18	--	--	--	7.61	16.57	16.57
RW-6	5/14/2007	24.18	--	--	--	8.90	15.28	15.28
RW-6	6/29/2007	24.18	--	--	--	10.10	14.08	14.08
RW-6	7/20/2007	24.18	--	--	--	10.53	13.65	13.65
RW-6	8/21/2007	24.18	--	--	--	10.75	13.43	13.43
RW-6	9/10/2007	24.18	--	--	--	10.76	13.42	13.42
RW-6	10/22/2007	24.18	--	--	--	9.22	14.96	14.96
RW-6	11/28/2007	24.18	--	--	--	8.94	15.24	15.24
RW-6	12/13/2007	24.18	--	--	--	7.47	16.71	16.71
RW-6	1/21/2008	24.18	--	--	--	7.79	16.39	16.39
RW-6	2/24/2008	24.18	--	--	--	10.61	13.57	13.57
RW-6	3/24/2008	24.18	--	--	--	8.45	15.73	15.73
RW-6	8/25/2008	24.18	--	--	--	9.80	14.38	14.38
RW-6	2/18/2009	24.18	--	--	--	8.85	15.33	15.33
RW-6	8/25/2009	24.18	--	--	--	10.80	13.38	13.38
RW-6	3/22/2010	24.18	--	--	--	8.19	15.99	15.99
RW-6	8/23/2010	24.18	--	--	--	10.20	13.98	13.98
RW-6	2/7/2011	24.18	--	--	--	7.25	16.93	--
RW-6	5/27/2011	24.18			Not Monitored			
RW-6	8/8/2011	24.18	--	--	--	10.31	13.87	--
RW-6	11/14/2011	24.18	--	--	--	9.56	14.62	--
RW-6	2/20/2012	24.18	--	--	--	7.19	16.99	--
RW-6	8/22/2012	24.18	--	--	--	10.07	14.11	--
RW-6	11/5/2012	24.18	--	--	--	7.63	16.55	--
RW-6	1/28/2013	24.18	--	--	--	7.16	17.02	--
RW-6	5/9/2013	24.18	--	--	--	8.22	15.96	--
RW-6	8/19/2013	24.18	--	--	--	10.80	13.38	--
RW-6	11/25/2013	24.18	--	--	--	8.32	15.86	--
RW-6	11/25/2013	24.18	--	--	--	8.32	15.86	--
RW-6	2/14/2014	24.18	--	--	--	6.76	17.42	--
RW-6	5/5/2014	24.18	--	--	--	5.99	18.19	--
RW-6	8/19/2014	24.18	--	--	--	10.57	13.61	--
RW-6	11/21/2014	24.18	--	--	--	5.54	18.64	--
RW-7	11/20/2002	23.01	7.65	15.36	2.46	10.11	14.75	--
RW-7	11/21/2002	23.01	7.60	15.41	2.51	10.11	14.78	16.59
RW-7	11/22/2002	23.01	8.03	14.98	1.75	9.78	14.54	16.67
RW-7	11/24/2002	23.01	8.23	14.78	1.26	9.49	14.47	15.86
RW-7	1/2/2003	23.01	6.44	16.57	0.40	6.84	16.47	16.77
RW-7	1/3/2003	23.01	6.28	16.73	0.40	6.68	16.63	16.93
RW-7	1/6/2003	23.01	5.93	17.08	0.12	6.05	17.05	17.14
RW-7	1/7/2003	23.01	5.84	17.17	0.20	6.04	17.12	17.27
RW-7	1/8/2003	23.01	5.66	17.35	0.20	5.86	17.30	17.45
RW-7	1/9/2003	23.01	5.72	17.29	0.33	6.05	17.21	17.46
RW-7	1/10/2003	23.01	5.90	17.11	0.25	6.15	17.05	17.24
RW-7	1/13/2003	23.01	5.98	17.03	0.37	6.35	16.94	17.22
RW-7	1/14/2003	23.01	5.97	17.04	0.27	6.24	16.97	17.18
RW-7	1/15/2003	23.01	5.95	17.06	0.30	6.25	16.99	17.21
RW-7	1/16/2003	23.01	5.84	17.17	0.41	6.25	17.07	17.38
RW-7	1/17/2003	23.01	5.85	17.16	0.35	6.20	17.07	17.34
RW-7	1/20/2003	23.01	6.02	16.99	0.53	6.55	16.86	17.26
RW-7	1/22/2003	23.01	6.11	16.90	0.80	6.91	16.70	17.30
RW-7	1/23/2003	23.01	6.25	16.76	1.05	7.30	16.50	17.29
RW-7	1/24/2003	23.01	6.16	16.85	1.03	7.19	16.59	17.37
RW-7	1/27/2003	23.01	5.60	17.41	0.58	6.18	17.27	17.70
RW-7	1/28/2003	23.01	5.65	17.36	0.63	6.28	17.20	17.68
RW-7	1/29/2003	23.01	5.55	17.46	0.65	6.20	17.30	17.79
RW-7	1/30/2003	23.01	5.65	17.36	0.67	6.32	17.19	17.70
RW-7	2/3/2003	23.01	5.91	17.10	0.76	6.67	16.91	17.48
RW-7	2/6/2003	23.78	6.55	17.23	0.79	7.34	17.03	17.63
RW-7	2/11/2003	23.78	6.99	16.79	1.08	8.07	16.52	17.33
RW-7	2/21/2003	23.78	7.42	16.36	0.99	8.41	16.11	16.86
RW-7	2/26/2003	23.78	7.24	16.54	0.04	7.28	16.53	16.56
RW-7	3/4/2003	23.78	--	--	--	6.96	16.82	16.82
RW-7	3/12/2003	23.01	Trace	--	--	7.71	15.30	15.30
RW-7	3/14/2003	23.01	--	--	--	7.51	15.50	15.50
RW-7	3/26/2003	23.01	--	--	--	6.68	16.33	16.33
RW-7	3/28/2003	23.01	--	--	--	7.25	15.76	15.76
RW-7	4/2/2003	23.01	--	--	--	7.42	15.59	15.59
RW-7	4/4/2003	23.01	--	--	--	7.64	15.37	15.37
RW-7	4/8/2003	23.01	--	--	--	7.22	15.79	15.79
RW-7	4/11/2003	23.01	--	--	--	7.16	15.85	15.85
RW-7	4/15/2003	23.01	--	--	--	6.81	16.20	16.20
RW-7	4/17/2003	23.01	--	--	--	7.38	15.63	15.63
RW-7	4/22/2003	23.01	--	--	--	7.34	15.67	15.67
RW-7	4/25/2003	23.01	--	--	--	7.21	15.80	15.80
RW-7	5/2/2003	23.01	8.30	14.71	0.03	8.33	14.70	14.73
RW-7	5/6/2003	23.01	8.52	14.49	0.08	8.60	14.47	14.53
RW-7	5/9/2003	23.01	8.54	14.47	0.03	8.57	14.46	14.49
RW-7	5/23/2003	23.01	8.55	14.46	1.03	9.58	14.20	14.98
RW-7	5/28/2003	23.01	8.57	14.44	1.55	10.12	14.05	15.22
RW-7	6/13/2003	23.01	8.92	14.09	1.64	10.56	13.68	14.91
RW-7	6/18/2003	23.01	8.88	14.13	1.87	10.75	13.66	15.07
RW-7	6/27/2003	23.01	9.26	13.75	1.55	10.81	13.36	14.53

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

RW-7	7/7/2003	23.01	9.54	13.47	1.21	10.75	13.17	14.08
RW-7	7/16/2003	23.01	9.42	13.59	1.30	10.72	13.27	14.24
RW-7	7/31/2003	23.01	9.98	13.03	0.76	10.74	12.84	13.41
RW-7	8/5/2003	23.01	10.88	12.13	0.74	11.62	11.95	12.50
RW-7	8/11/2003	23.01	11.00	12.01	0.69	11.69	11.84	12.36
RW-7	8/22/2003	23.01	10.70	12.31	1.01	11.71	12.06	12.82
RW-7	8/26/2003	23.01	11.28	11.73	0.37	11.65	11.64	11.92
RW-7	9/2/2003	23.01	10.36	12.65	0.36	10.72	12.56	12.83
RW-7	9/9/2003	23.01	10.75	12.26	0.01	10.76	12.26	12.27
RW-7	9/19/2003	23.01	--	--	--	10.76	12.25	12.25
RW-7	10/14/2003	23.01	--	--	--	10.77	12.24	12.24
RW-7	11/20/2003	23.01	--	--	--	8.24	14.77	14.77
RW-7	12/3/2003	23.01	--	--	--	6.79	16.22	16.22
RW-7	1/19/2004	23.01	--	--	--	6.31	16.70	16.70
RW-7	2/24/2004	23.01	--	--	--	7.11	15.90	15.90
RW-7	3/15/2004	23.01	--	--	--	8.20	14.81	14.81
RW-7	4/19/2004	23.01	--	--	--	8.85	14.16	14.16
RW-7	5/17/2004	23.01	--	--	--	9.79	13.22	13.22
RW-7	6/22/2004	23.01	--	--	--	9.57	13.44	13.44
RW-7	8/18/2004	23.01	10.71	12.30	0.01	10.72	12.30	12.31
RW-7	9/21/2004	23.01	--	--	--	10.45	12.56	12.56
RW-7	10/19/2004	23.01	--	--	--	8.73	14.28	14.28
RW-7	11/23/2004	23.01	--	--	--	9.60	13.41	13.41
RW-7	12/21/2004	23.01	--	--	--	7.06	15.95	15.95
RW-7	1/13/2005	23.01	--	--	--	7.93	15.08	15.08
RW-7	4/28/2005	23.01	--	--	--	7.37	15.64	15.64
RW-7	6/1/2005	23.01	--	--	--	7.67	15.34	15.34
RW-7	6/29/2005	23.01	--	--	--	9.05	13.96	13.96
RW-7	7/20/2005	23.01	--	--	--	9.61	13.40	13.40
RW-7	8/22/2005	23.01	--	--	--	9.88	13.13	13.13
RW-7	5/27/2011	23.01			Not Monitored			
RWx-7	9/12/2005	24.71	--	--	--	11.99	12.72	12.72
RWx-7	10/12/2005	24.71	12.54	12.17	0.23	12.77	12.11	12.29
RWx-7	11/21/2005	24.71	9.83	14.88	0.13	9.96	14.85	14.95
RWx-7	12/27/2005	24.71	8.15	16.56	0.02	8.17	16.56	16.57
RWx-7	1/30/2006	24.71	5.31	19.40	0.01	5.32	19.40	19.41
RWx-7	2/16/2006	24.71	7.41	17.30	0.02	7.43	17.30	17.31
RWx-7	3/13/2006	24.71	--	--	--	8.46	16.25	16.25
RWx-7	4/18/2006	24.71	--	--	--	8.71	16.00	16.00
RWx-7	5/12/2006	24.71	--	--	--	9.18	15.53	15.53
RWx-7	6/9/2006	24.71	--	--	--	8.76	15.95	15.95
RWx-7	7/13/2006	24.71	--	--	--	10.10	14.61	14.61
RWx-7	8/16/2006	24.71	11.03	13.68	0.08	11.11	13.66	13.72
RWx-7	9/19/2006	24.71	--	--	--	11.60	13.11	13.11
RWx-7	10/13/2006	24.71	--	--	--	11.31	13.40	13.40
RWx-7	11/20/2006	24.71	--	--	--	6.61	18.10	18.10
RWx-7	12/8/2006	24.71	--	--	--	6.91	17.80	17.80
RWx-7	1/19/2007	24.71	--	--	--	6.22	18.49	18.49
RWx-7	2/19/2007	24.71	--	--	--	8.55	16.16	16.16
RWx-7	3/15/2007	24.71	--	--	--	7.52	17.19	17.19
RWx-7	4/16/2007	24.71	--	--	--	8.22	16.49	16.49
RWx-7	5/14/2007	24.71	--	--	--	9.52	15.19	15.19
RWx-7	6/29/2007	24.71	--	--	--	10.74	13.97	13.97
RWx-7	7/20/2007	24.71	--	--	--	11.16	13.55	13.55
RWx-7	8/21/2007	24.71	--	--	--	11.82	12.89	12.89
RWx-7	9/10/2007	24.71	--	--	--	11.90	12.81	12.81
RWx-7	10/22/2007	24.71	--	--	--	10.01	14.70	14.70
RWx-7	11/28/2007	24.71	--	--	--	9.54	15.17	15.17
RWx-7	12/13/2007	24.71	--	--	--	8.32	16.39	16.39
RWx-7	1/21/2008	24.71	--	--	--	8.34	16.37	16.37
RWx-7	2/24/2008	24.71	--	--	--	8.76	15.95	15.95
RWx-7	3/24/2008	24.71	--	--	--	9.06	15.65	15.65
RWx-7	8/25/2008	24.71	--	--	--	11.00	13.71	13.71
RWx-7	2/18/2009	24.71	--	--	--	9.39	15.32	15.32
RWx-7	8/25/2009	24.71	--	--	--	12.22	12.49	12.49
RWx-7	3/22/2010	24.71	--	--	--	8.80	15.91	15.91
RWx-7	8/23/2010	24.71	--	--	--	11.25	13.46	13.46
RWx-7	2/7/2011	24.71	--	--	--	7.85	16.86	--
RWx-7	5/27/2011	24.71	--	--	--	8.98	15.73	--
RWx-7	8/8/2011	24.71	--	--	--	11.15	13.56	--
RWx-7	11/14/2011	24.71	--	--	--	10.54	14.17	--
RWx-7	2/20/2012	24.71	--	--	--	7.79	16.92	--
RWx-7	8/22/2012	24.71	--	--	--	10.97	13.74	--
RWx-7	11/5/2012	24.71	--	--	--	8.69	16.02	--
RWx-7	1/28/2013	24.71	--	--	--	7.72	16.99	--
RWx-7	5/9/2013	24.71	--	--	--	8.82	15.89	--
RWx-7	8/19/2013	24.71	--	--	--	11.77	12.94	--
RWx-7	11/25/2013	24.71	--	--	--	9.07	15.64	--
RWx-7	2/14/2014	24.71	--	--	--	7.65	17.06	--
RWx-7	5/5/2014	24.71	--	--	--	6.52	18.19	--
RWx-7	8/19/2014	24.71	--	--	--	11.42	13.29	--
RWx-7	11/21/2014	24.71	--	--	--	8.68	16.03	--
RWX-7	11/14/2016	24.71	--	--	--	5.80	18.91	--
RWX-7	11/18/2016	24.71	--	--	--	--	--	--
RWX-7	2/17/2017	24.71	--	--	--	5.58	19.13	15.74
RWX-7	5/26/2017	24.71	--	--	--	8.07	16.64	16.35
RWX-7	9/26/2017	24.71	--	--	--	11.82	12.89	--
RWX-7	9/28/2017	24.71	--	--	--	--	--	--
RWX-7	12/14/2017	24.71	--	--	--	6.86	17.85	--
RWX-7	2/26/2018	24.71	--	--	--	7.67	17.04	--
RWX-7	6/11/2018	24.71	--	--	--	10.11	14.60	--
RWX-7	6/27/2018	24.71	--	--	--	10.85	13.86	--
RWX-7	8/29/2018	24.71	--	--	--	12.19	12.52	--
RWX-7	12/17/2018	24.71	--	--	--	6.84	17.87	--
HW-1East	11/20/2003	20.35	--	--	--	4.61	15.74	--
HW-1East	12/3/2003	20.35	--	--	--	4.00	16.35	--
HW-1East	1/19/2004	20.35	3.56	16.79	0.005	3.57	16.79	--
HW-1East	2/24/2004	20.35	--	--	--	5.46	14.89	16.79
HW-1East	3/15/2004	20.35	--	--	--	5.84	14.51	14.51

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HW-1East	4/19/2004	20.35	--	--	--	6.42	13.93	13.93
HW-1East	5/17/2004	20.35			Not Monitored			0.00
HW-1East	6/22/2004	20.35			Not Monitored			0.00
HW-1East	8/18/2004	20.35			Dry			Dry
HW-1East	9/21/2004	20.35	--	--	--	6.92	13.43	13.43
HW-1East	10/19/2004	20.35	--	--	--	6.02	14.33	14.33
HW-1East	11/23/2004	20.35	--	--	--	6.46	13.89	13.89
HW-1East	12/21/2004	20.35	--	--	--	4.45	15.90	15.90
HW-1East	1/13/2005	20.35	--	--	--	5.25	15.10	15.10
HW-1East	4/28/2005	20.35	--	--	--	4.82	15.53	15.53
HW-1East	6/1/2005	20.35	--	--	--	5.09	15.26	15.26
HW-1East	6/29/2005	20.35	--	--	--	6.83	13.52	13.52
HW-1East	7/20/2005	20.35	--	--	--	6.88	13.47	13.47
HW-1East	8/22/2005	20.35	--	--	--	7.03	13.32	13.32
HW-1East	12/21/2004	20.35	--	--	--	7.03	13.32	13.32
HW-1East	5/27/2011	20.35			Not Monitored			
HWx-1East	9/12/2005	20.44	--	--	--	10.27	10.17	10.17
HWx-1East	10/12/2005	20.44	--	--	--	9.57	10.87	10.87
HWx-1East	11/21/2005	20.44	--	--	--	5.71	14.73	14.73
HWx-1East	12/27/2005	20.44	--	--	--	4.51	15.93	15.93
HWx-1East	1/30/2006	20.44	--	--	--	2.23	18.21	18.21
HWx-1East	2/16/2006	20.44	--	--	--	4.10	16.34	16.34
HWx-1East	3/13/2006	20.44	--	--	--	4.94	15.50	15.50
HWx-1East	4/18/2006	20.44	--	--	--	4.95	15.49	15.49
HWx-1East	5/12/2006	20.44	--	--	--	5.23	15.21	15.21
HWx-1East	6/9/2006	20.44	--	--	--	4.96	15.48	15.48
HWx-1East	7/13/2006	20.44	--	--	--	5.45	14.99	14.99
HWx-1East	8/16/2006	20.44	--	--	--	6.75	13.69	13.69
HWx-1East	9/19/2006	20.44	--	--	--	9.20	11.24	11.24
HWx-1East	10/13/2006	20.44	8.65	11.79	2.85	11.50	11.08	13.22
HWx-1East	11/20/2006	20.44	--	--	--	3.25	17.19	17.19
HWx-1East	12/8/2006	20.44	--	--	--	3.40	17.04	17.04
HWx-1East	1/19/2007	20.44	--	--	--	3.07	17.37	17.37
HWx-1East	2/19/2007	20.44	--	--	--	4.74	15.70	15.70
HWx-1East	3/15/2007	20.44	--	--	--	3.91	16.53	16.53
HWx-1East	4/16/2007	20.44	--	--	--	4.42	16.02	16.02
HWx-1East	5/14/2007	20.44	--	--	--	5.45	14.99	14.99
HWx-1East	6/29/2007	20.44	--	--	--	6.58	13.86	13.86
HWx-1East	7/20/2007	20.44	--	--	--	8.38	12.06	12.06
HWx-1East	8/21/2007	20.44	--	--	--	8.79	11.65	11.65
HWx-1East	9/10/2007	20.44	--	--	--	8.95	11.49	11.49
HWx-1East	10/22/2007	20.44	--	--	--	6.45	13.99	13.99
HWx-1East	11/28/2007	20.44	--	--	--	5.72	14.72	14.72
HWx-1East	12/13/2007	20.44	--	--	--	4.68	15.76	15.76
HWx-1East	1/21/2008	20.44	--	--	--	4.88	15.56	15.56
HWx-1East	2/24/2008	20.44	--	--	--	5.17	15.27	15.27
HWx-1East	3/24/2008	20.44	--	--	--	5.54	14.90	14.90
HWx-1East	8/25/2008	20.44	--	--	--	8.95	11.49	11.49
HWx-1East	2/18/2009	20.44	--	--	--	5.15	15.29	15.29
HWx-1East	8/25/2009	20.44	--	--	--	10.05	10.39	10.39
HWx-1East	3/22/2010	20.44	--	--	--	10.45	9.99	9.99
HWx-1East	8/23/2010	20.44	--	--	--	10.20	10.24	10.24
HWx-1East	2/7/2011	20.44	--	--	--	4.60	15.84	--
HWx-1East	5/27/2011	20.44			Not Monitored			
HW-1West	11/20/2003	18.86	--	--	--	4.32	14.54	14.54
HW-1West	12/3/2003	18.86	--	--	--	3.56	15.30	15.30
HW-1West	1/19/2004	18.86	--	--	--	3.28	15.58	15.58
HW-1West	2/24/2004	18.86	--	--	--	4.96	13.90	13.90
HW-1West	3/15/2004	18.86	--	--	--	6.35	12.51	12.51
HW-1West	4/19/2004	18.86	--	--	--	5.90	12.96	12.96
HW-1West	5/17/2004	18.86			Not Monitored			0.00
HW-1West	6/22/2004	18.86			Not Monitored			0.00
HW-1West	8/18/2004	18.86	7.31	11.55	0.01	7.32	11.55	11.56
HW-1West	9/21/2004	18.86	--	--	--	6.43	12.43	12.43
HW-1West	10/19/2004	18.86	--	--	--	5.56	13.30	13.30
HW-1West	11/23/2004	18.86	--	--	--	5.82	13.04	13.04
HW-1West	12/21/2004	18.86	--	--	--	3.95	14.91	14.91
HW-1West	1/13/2005	18.86	--	--	--	4.66	14.20	14.20
HW-1West	4/28/2005	18.86	--	--	--	4.30	14.56	14.56
HW-1West	6/1/2005	18.86	--	--	--	5.60	13.26	13.26
HW-1West	6/29/2005	18.86	--	--	--	6.34	12.52	12.52
HW-1West	7/20/2005	18.86	--	--	--	6.40	12.46	12.46
HW-1West	8/22/2005	18.86	--	--	--	6.55	12.31	12.31
HW-1West	5/27/2011	18.86			Not Monitored			
HWx-1West	9/12/2005	19.96	--	--	--	10.16	9.80	9.80
HWx-1West	10/12/2005	19.96	9.22	10.74	0.01	9.23	10.74	10.75
HWx-1West	11/21/2005	19.96	5.42	14.54	0.01	5.43	14.54	14.55
HWx-1West	12/27/2005	19.96	--	--	--	4.01	15.95	15.95
HWx-1West	1/30/2006	19.96	--	--	--	1.72	18.24	18.24
HWx-1West	2/16/2006	19.96	3.79	16.17	0.01	3.80	16.17	16.18
HWx-1West	3/13/2006	19.96	--	--	--	4.52	15.44	15.44
HWx-1West	4/18/2006	19.96	--	--	--	4.48	15.48	15.48
HWx-1West	5/12/2006	19.96	--	--	--	4.80	15.16	15.16
HWx-1West	6/9/2006	19.96	--	--	--	4.52	15.44	15.44
HWx-1West	7/13/2006	19.96	--	--	--	9.89	10.07	10.07
HWx-1West	8/16/2006	19.96	--	--	--	6.20	13.76	13.76
HWx-1West	9/19/2006	19.96	--	--	--	6.87	13.09	13.09
HWx-1West	10/13/2006	19.96	--	--	--	6.57	13.39	13.39
HWx-1West	11/20/2006	19.96	--	--	--	2.76	17.20	17.20
HWx-1West	12/8/2006	19.96	--	--	--	2.91	17.05	17.05
HWx-1West	1/19/2007	19.96	--	--	--	2.60	17.36	17.36
HWx-1West	2/19/2007	19.96	--	--	--	4.26	15.70	15.70
HWx-1West	3/15/2007	19.96	--	--	--	3.42	16.54	16.54
HWx-1West	4/16/2007	19.96	--	--	--	3.95	16.01	16.01
HWx-1West	5/14/2007	19.96	--	--	--	4.95	15.01	15.01
HWx-1West	6/29/2007	19.96	--	--	--	9.06	10.90	10.90
HWx-1West	7/20/2007	19.96	--	--	--	6.43	13.53	13.53
HWx-1West	8/21/2007	19.96	--	--	--	8.05	11.91	11.91

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

HWx-1West	9/10/2007	19.96	--	--	--	8.11	11.85	11.85
HWx-1West	10/22/2007	19.96	--	--	--	5.98	13.98	13.98
HWx-1West	11/28/2007	19.96	--	--	--	5.23	14.73	14.73
HWx-1West	12/13/2007	19.96	--	--	--	4.18	15.78	15.78
HWx-1West	1/21/2008	19.96	--	--	--	4.38	15.58	15.58
HWx-1West	2/24/2008	19.96	--	--	--	4.72	15.24	15.24
HWx-1West	3/24/2008	19.96	--	--	--	5.06	14.90	14.90
HWx-1West	8/25/2008	19.96	--	--	--	6.90	13.06	13.06
HWx-1West	2/18/2009	19.96	--	--	--	5.02	14.94	14.94
HWx-1West	8/25/2009	19.96	--	--	--	7.21	12.75	12.75
HWx-1West	3/22/2010	19.96	--	--	--	9.60	10.36	10.36
HWx-1West	8/23/2010	19.96	--	--	--	9.24	10.72	10.72
HWx-1West	2/7/2011	19.96	--	--	--	4.13	15.83	15.83
HWx-1West	5/27/2011	19.96			Not Monitored			
MW-1	11/14/2011	20.51	--	--	--	8.45	12.06	--
MW-1	2/20/2012	20.51	--	--	--	6.96	13.55	--
MW-1	8/22/2012	20.51	--	--	--	9.60	10.91	--
MW-1	11/5/2012	20.51	--	--	--	7.91	12.60	--
MW-1	1/28/2013	20.51	--	--	--	7.41	13.10	--
MW-1	5/9/2013	20.51	--	--	--	8.24	12.27	--
MW-1	8/19/2013	20.51	--	--	--	10.45	10.06	--
MW-1	11/25/2013	20.51	--	--	--	8.02	12.49	--
MW-1	2/14/2014	20.51	--	--	--	7.71	12.80	--
MW-1	5/5/2014	20.51	--	--	--	7.04	13.47	--
MW-1	8/19/2014	20.51	--	--	--	9.16	11.35	--
MW-1	11/21/2014	20.51	--	--	--	7.97	12.54	--
MW-1	11/14/2016	20.51	--	--	--	7.49	13.02	--
MW-1	11/16/2016	20.51	--	--	--	--	--	--
MW-1	2/16/2017	20.51	--	--	--	7.01	13.50	--
MW-1	5/24/2017	20.51	--	--	--	7.67	12.84	--
MW-1	9/26/2017	20.51	--	--	--	9.49	11.02	--
MW-1	9/27/2017	20.51	--	--	--	--	--	--
MW-1	12/13/2017	20.51	--	--	--	7.32	13.19	--
MW-1	2/26/2018	20.51	--	--	--	7.62	12.89	--
MW-1	6/11/2018	20.51	--	--	--	8.77	11.74	--
MW-1	6/26/2018	20.51	--	--	--	9.32	11.19	--
MW-1	8/28/2018	20.51	--	--	--	10.55	9.96	--
MW-1	12/17/2018	20.51	--	--	--	7.48	13.03	--
MW-1	3/14/2019	20.51	--	--	--	7.70	12.81	--
MW-1	6/12/2019	20.51	--	--	--	8.83	11.68	--
MW-1	9/23/2019	20.51	--	--	--	8.85	11.66	--
MW-1	12/4/2019	20.51	--	--	--	8.90	11.61	--
MW-1	2/25/2020	20.51	--	--	--	7.42	13.09	--
MW-1	6/12/2020	20.51	--	--	--	8.52	11.99	--
MW-1	9/17/2020	20.51	--	--	--	9.87	10.64	--
MW-1	12/2/2020	20.51	--	--	--	7.76	12.75	--
MW-1	3/16/2021	20.51	--	--	--	6.24	14.27	--
MW-1	5/24/2021	20.51	--	--	--	8.72	11.79	
MW-1	9/14/2021	20.51	--	--	--	10.42	10.09	
MW-1	12/20/2021	20.51	--	--	--	7.38	13.13	
MW-1	3/1/2022	20.51	--	--	--	4.27	16.24	
MW-1	6/9/2022	20.51	--	--	--	7.65	12.86	
MW-1	9/1/2022	20.51	--	--	--	9.85	10.66	
MW-2	11/14/2011	20.29	--	--	--	8.71	11.58	--
MW-2	2/20/2012	20.29	--	--	--	7.35	12.94	--
MW-2	8/22/2012	20.29	--	--	--	9.39	10.90	--
MW-2	11/5/2012	20.29	--	--	--	7.71	12.58	--
MW-2	1/28/2013	20.29	--	--	--	7.61	12.68	--
MW-2	5/9/2013	20.29	--	--	--	7.99	12.30	--
MW-2	8/19/2013	20.29	--	--	--	10.22	10.07	--
MW-2	11/25/2013	20.29	--	--	--	7.76	12.53	--
MW-2	2/14/2014	20.29	--	--	--	7.46	12.83	--
MW-2	5/5/2014	20.29	--	--	--	6.72	13.57	--
MW-2	8/19/2014	20.29	--	--	--	8.93	11.36	--
MW-2	11/21/2014	20.29	--	--	--	7.45	12.84	--
MW-2	11/14/2016	20.29	--	--	--	7.30	12.99	--
MW-2	11/16/2016	20.29	--	--	--	--	--	--
MW-2	2/16/2017	20.29	--	--	--	6.96	13.33	--
MW-2	5/24/2017	20.29	--	--	--	7.59	12.70	--
MW-2	9/26/2017	20.29	--	--	--	9.55	10.74	--
MW-2	9/27/2017	20.29	--	--	--	--	--	--
MW-2	12/13/2017	20.29	--	--	--	7.46	12.83	--
MW-2	2/26/2018	20.29	--	--	--	7.51	12.78	--
MW-2	6/11/2018	20.29	--	--	--	8.56	11.73	--
MW-2	6/26/2018	20.29	--	--	--	9.18	11.11	--
MW-2	8/28/2018	20.29	--	--	--	10.08	10.21	--
MW-2	12/17/2018	20.29	--	--	--	7.67	12.62	--
MW-2	3/14/2019	20.29	--	--	--	7.68	12.61	--
MW-2	6/12/2019	20.29	--	--	--	9.07	11.22	--
MW-2	9/23/2019	20.29	--	--	--	8.03	12.26	--
MW-2	12/4/2019	20.29	--	--	--	7.83	12.46	--
MW-2	2/25/2020	20.29	--	--	--	7.16	13.13	--
MW-2	6/12/2020	20.29	--	--	--	7.95	12.34	--
MW-2	9/17/2020	20.29	--	--	--	9.62	10.67	--
MW-2	12/2/2020	20.29	--	--	--	7.58	12.71	--
MW-2	3/16/2021	20.29	--	--	--	7.69	12.60	--
MW-2	5/24/2021	20.29	--	--	--	8.41	11.88	
MW-2	9/14/2021	20.29	--	--	--	10.16	10.13	
MW-2	12/20/2021	20.29	--	--	--	7.20	13.09	
MW-2	3/1/2022	20.29	--	--	--	3.37	16.92	
MW-2	6/9/2022	20.29	--	--	--	7.68	12.61	
MW-2	9/1/2022	20.29	--	--	--	9.60	10.69	
MW-3	11/14/2011	21.21	--	--	--	8.91	12.30	--
MW-3	2/20/2012	21.21	--	--	--	6.09	15.12	--
MW-3	8/22/2012	21.21	--	--	--	10.30	10.91	--
MW-3	11/5/2012	21.21	--	--	--	7.30	13.91	--
MW-3	1/28/2013	21.21	--	--	--	6.10	15.11	--
MW-3	5/9/2013	21.21	--	--	--	7.09	14.12	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

MW-3	8/19/2013	21.21	--	--	--	10.99	10.22	--
MW-3	11/25/2013	21.21	--	--	--	7.15	14.06	--
MW-3	2/14/2014	21.21	--	--	--	6.68	14.53	--
MW-3	5/5/2014	21.21	--	--	--	6.02	15.19	--
MW-3	8/19/2014	21.21	--	--	--	9.71	11.50	--
MW-3	11/21/2014	21.21	--	--	--	7.00	14.21	--
MW-3	11/14/2016	21.21	--	--	--	6.00	15.21	--
MW-3	11/16/2016	21.21	--	--	--	--	--	--
MW-3	2/16/2017	21.21	--	--	--	4.75	16.46	--
MW-3	5/24/2017	21.21	--	--	--	6.50	14.71	--
MW-3	9/26/2017	21.21	--	--	--	10.08	11.13	--
MW-3	9/27/2017	21.21	--	--	--	--	--	--
MW-3	9/27/2017	21.21	--	--	--	--	--	--
MW-3	12/13/2017	21.21	--	--	--	5.74	15.47	--
MW-3	2/26/2018	21.21	--	--	--	5.86	15.35	--
MW-3	6/11/2018	21.21	--	--	--	8.94	12.27	--
MW-3	6/26/2018	21.21	--	--	--	9.85	11.36	--
MW-3	8/28/2018	21.21	--	--	--	10.81	10.40	--
MW-3	12/17/2018	21.21	--	--	--	6.65	14.56	--
MW-3	3/14/2019	21.21	--	--	--	6.44	14.77	--
MW-3	6/12/2019	21.21	--	--	--	9.46	11.75	--
MW-3	9/23/2019	21.21	--	--	--	8.88	12.33	--
MW-3	12/4/2019	21.21	--	--	--	7.24	13.97	--
MW-3	2/25/2020	21.21	--	--	--	5.30	15.91	--
MW-3	6/12/2020	21.21	--	--	--	8.24	12.97	--
MW-3	9/17/2020	21.21	--	--	--	10.02	11.19	--
MW-3	12/2/2020	21.21	--	--	--	6.89	14.32	--
MW-3	3/16/2021	21.21	--	--	--	6.22	14.99	--
MW-3	5/24/2021	21.21	--	--	--	8.53	12.68	
MW-3	9/14/2021	21.21	--	--	--	10.34	10.87	
MW-3	12/20/2021	21.21	--	--	--	5.51	15.70	
MW-3	3/1/2022	21.21	--	--	--	5.37	15.84	
MW-3	6/9/2022	21.21	--	--	--	6.97	14.24	
MW-3	9/1/2022	21.21	--	--	--	9.65	11.56	
MW-4	11/14/2011	20.44	--	--	--	8.31	12.13	--
MW-4	2/20/2012	20.44	--	--	--	7.28	13.16	--
MW-4	8/22/2012	20.44	--	--	--	9.41	11.03	--
MW-4	11/5/2012	20.44	--	--	--	7.52	12.92	--
MW-4	1/28/2013	20.44	--	--	--	7.29	13.15	--
MW-4	5/9/2013	20.44	--	--	--	7.97	12.47	--
MW-4	8/19/2013	20.44	--	--	--	10.11	10.33	--
MW-4	11/25/2013	20.44	--	--	--	7.56	12.88	--
MW-4	2/14/2014	20.44	--	--	--	6.29	14.15	--
MW-4	5/5/2014	20.44	--	--	--	4.91	15.53	--
MW-4	8/19/2014	20.44	--	--	--	8.68	11.76	--
MW-4	11/21/2014	20.44	--	--	--	7.12	13.32	--
MW-4	11/14/2016	20.44	--	--	--	4.72	15.72	--
MW-4	11/16/2016	20.44	--	--	--	--	--	--
MW-4	2/16/2017	20.44	--	--	--	3.95	16.49	--
MW-4	5/24/2017	20.44	--	--	--	5.87	14.57	--
MW-4	9/26/2017	20.44	--	--	--	9.13	11.31	--
MW-4	9/27/2017	20.44	--	--	--	--	--	--
MW-4	12/13/2017	20.44	--	--	--	4.92	15.52	--
MW-4	2/26/2018	20.44	--	--	--	5.02	15.42	--
MW-4	6/11/2018	20.44	--	--	--	8.34	12.10	--
MW-4	6/26/2018	20.44	--	--	--	8.83	11.61	--
MW-4	8/28/2018	20.44	--	--	--	10.02	10.42	--
MW-4	12/17/2018	20.44	--	--	--	5.22	15.22	--
MW-4	3/14/2019	20.44	--	--	--	5.68	14.76	--
MW-4	6/12/2019	20.44	--	--	--	8.69	11.75	--
MW-4	9/23/2019	20.44	--	--	--	6.59	13.85	--
MW-4	12/4/2019	20.44	--	--	--	6.50	13.94	--
MW-4	2/25/2020	20.44	--	--	--	4.49	15.95	--
MW-4	6/12/2020	20.44	--	--	--	6.80	13.64	--
MW-4	9/17/2020	20.44	--	--	--	8.94	11.50	--
MW-4	12/2/2020	20.44	--	--	--	5.96	14.48	--
MW-4	3/16/2021	20.44	--	--	--	5.38	15.06	--
MW-4	5/24/2021	20.44	--	--	--	7.77	12.67	
MW-4	9/14/2021	20.44	--	--	--	9.36	11.08	
MW-4	12/20/2021	20.44	--	--	--	4.28	16.16	
MW-4	3/1/2022	20.44	--	--	--	4.08	16.36	
MW-4	6/9/2022	20.44	--	--	--	6.16	14.28	
MW-4	9/1/2022	20.44	--	--	--	8.75	11.69	
MW-5	11/14/2011	21.32	--	--	--	9.02	12.30	--
MW-5	2/20/2012	21.32	--	--	--	8.21	13.11	--
MW-5	8/22/2012	21.32	--	--	--	10.29	11.03	--
MW-5	11/5/2012	21.32	--	--	--	8.60	12.72	--
MW-5	1/28/2013	21.32	--	--	--	8.45	12.87	--
MW-5	5/9/2013	21.32	--	--	--	8.97	12.35	--
MW-5	8/19/2013	21.32	--	--	--	10.98	10.34	--
MW-5	11/25/2013	21.32	--	--	--	8.59	12.73	--
MW-5	2/14/2014	21.32	--	--	--	7.04	14.28	--
MW-5	5/5/2014	21.32	--	--	--	7.60	13.72	--
MW-5	8/19/2014	21.32	--	--	--	9.58	11.74	--
MW-5	11/21/2014	21.32	--	--	--	8.20	13.12	--
MW-5	11/14/2016	21.32	--	--	--	7.92	13.40	--
MW-5	11/17/2016	21.32	--	--	--	--	--	--
MW-5	2/16/2017	21.32	--	--	--	7.10	14.22	--
MW-5	5/24/2017	21.32	--	--	--	8.27	13.05	--
MW-5	9/26/2017	21.32	--	--	--	9.98	11.34	--
MW-5	9/28/2017	21.32	--	--	--	--	--	--
MW-5	12/13/2017	21.32	--	--	--	7.92	13.40	--
MW-5	2/26/2018	21.32	--	--	--	8.04	13.28	--
MW-5	6/11/2018	21.32	--	--	--	9.14	12.18	--
MW-5	6/26/2018	21.32	--	--	--	9.68	11.64	--
MW-5	8/28/2018	21.32	--	--	--	10.83	10.49	--
MW-5	12/17/2018	21.32	--	--	--	7.94	13.38	--
MW-5	3/11/2019	21.32	--	--	--	8.26	13.06	--
MW-5	6/12/2019	21.32	--	--	--	9.47	11.85	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

MW-5	9/23/2019	21.32	--	--	--	8.81	12.51	--
MW-5	12/4/2019	21.32	--	--	--	8.35	12.97	--
MW-5	2/24/2020	21.32	--	--	--	7.65	13.67	--
MW-5	6/12/2020	21.32	--	--	--	8.30	13.02	--
MW-5	12/2/2020	21.32	--	--	--	7.69	13.63	--
MW-5	3/16/2021	21.32	--	--	--	7.98	13.34	--
MW-5	12/20/2021	21.32	--	--	--	7.23	14.09	
MW-5	3/1/2022	21.32	--	--	--	5.15	16.17	
MW-5	6/9/2022	21.32	--	--	--	7.75	13.57	
MW-6	11/14/2011	22.30	--	--	--	10.30	12.00	--
MW-6	2/20/2012	22.30	--	--	--	9.36	12.94	--
MW-6	8/22/2012	22.30	--	--	--	11.30	11.00	--
MW-6	11/5/2012	22.30	--	--	--	9.68	12.62	--
MW-6	1/28/2013	22.30	--	--	--	9.63	12.67	--
MW-6	5/9/2013	22.30	--	--	--	10.09	12.21	--
MW-6	8/19/2013	22.30	--	--	--	11.95	10.35	--
MW-6	11/25/2013	22.30	--	--	--	9.71	12.59	--
MW-6	2/14/2014	22.30	--	--	--	9.13	13.17	--
MW-6	5/5/2014	22.30	--	--	--	8.64	13.66	--
MW-6	8/19/2014	22.30	--	--	--	10.54	11.76	--
MW-6	11/21/2014	22.30	--	--	--	9.28	13.02	--
MW-6	11/14/2016	22.30	--	--	--	9.06	13.24	--
MW-6	11/17/2016	22.30	--	--	--	--	--	--
MW-6	11/17/2016	22.30	--	--	--	--	--	--
MW-6	2/16/2017	22.30	--	--	--	8.23	14.07	--
MW-6	5/24/2017	22.30	--	--	--	9.38	12.92	--
MW-6	9/26/2017	22.30	--	--	--	10.87	11.43	--
MW-6	9/28/2017	22.30	--	--	--	--	--	--
MW-6	12/13/2017	22.30	--	--	--	9.01	13.29	--
MW-6	2/26/2018	22.30	--	--	--	9.21	13.09	--
MW-6	6/11/2018	22.30	--	--	--	10.18	12.12	--
MW-6	6/26/2018	22.30	--	--	--	10.67	11.63	--
MW-6	8/28/2018	22.30	--	--	--	11.82	10.48	--
MW-6	12/17/2018	22.30	--	--	--	9.07	13.23	--
MW-6	3/14/2019	22.30	--	--	--	9.40	12.90	--
MW-6	6/12/2019	22.30	--	--	--	10.50	11.80	--
MW-6	9/23/2019	22.30	--	--	--	9.94	12.36	--
MW-6	12/4/2019	22.30	--	--	--	9.44	12.86	--
MW-6	2/25/2020	22.30	--	--	--	8.81	13.49	--
MW-6	6/12/2020	22.30	--	--	--	9.34	12.96	--
MW-6	9/17/2020	22.30	--	--	--	10.51	11.79	--
MW-6	12/2/2020	22.30	--	--	--	8.82	13.48	--
MW-6	3/16/2021	22.30	--	--	--	9.12	13.18	--
MW-6	5/24/2021	22.30	--	--	--	9.74	12.56	
MW-6	9/15/2021	22.30	--	--	--	10.93	11.37	
MW-6	12/20/2021	22.30	--	--	--	8.44	13.86	
MW-6	3/1/2022	22.30	--	--	--	6.23	16.07	
MW-6	6/9/2022	22.30	--	--	--	8.86	13.44	
MW-6	9/1/2022	22.30	--	--	--	10.40	11.90	
MW-7	11/14/2011	22.10	--	--	--	10.21	11.89	--
MW-7	2/20/2012	22.10	--	--	--	8.96	13.14	--
MW-7	8/22/2012	22.10	--	--	--	11.07	11.03	--
MW-7	11/5/2012	22.10	--	--	--	9.51	12.59	--
MW-7	1/28/2013	22.10	--	--	--	9.12	12.98	--
MW-7	5/9/2013	22.10	--	--	--	9.53	12.57	--
MW-7	8/19/2013	22.10	--	--	--	11.63	10.47	--
MW-7	11/25/2013	22.10	--	--	--	9.32	12.78	--
MW-7	2/14/2014	22.10	--	--	--	8.81	13.29	--
MW-7	5/5/2014	22.10	--	--	--	8.22	13.88	--
MW-7	8/19/2014	22.10	--	--	--	10.48	11.62	--
MW-7	11/14/2016	22.10	--	--	--	8.77	13.33	--
MW-7	11/17/2016	22.10	--	--	--	--	--	--
MW-7	2/16/2017	22.10	--	--	--	7.37	14.73	--
MW-7	5/24/2017	22.10	--	--	--	9.02	13.08	--
MW-7	9/26/2017	22.10	--	--	--	11.67	10.43	--
MW-7	12/13/2017	22.10	--	--	--	8.32	13.78	--
MW-7	2/26/2018	22.10	--	--	--	8.86	13.24	--
MW-7	6/11/2018	22.10	--	--	--	10.17	11.93	--
MW-7	8/29/2018	22.10	--	--	--	11.80	10.30	--
MW-7	12/17/2018	22.10	--	--	--	8.64	13.46	--
MW-7	3/11/2019	22.10	--	--	--	9.21	12.89	--
MW-7	6/12/2019	22.10	--	--	--	10.59	11.51	--
MW-7	12/4/2019	22.10	--	--	--	9.20	12.90	--
MW-7	2/24/2020	22.10	--	--	--	8.49	13.61	--
MW-7	6/12/2020	22.10	--	--	--	9.37	12.73	--
MW-7	9/16/2020	22.10	--	--	--	11.12	10.98	--
MW-7	12/2/2020	22.10	--	--	--	8.48	13.62	--
MW-7	3/16/2021	22.10	--	--	--	9.82	12.28	--
MW-7	5/24/2021	22.10	--	--	--	10.43	11.67	
MW-7	12/20/2021	22.10	--	--	--	9.23	12.87	
MW-7	3/1/2022	22.10	--	--	--	6.44	15.66	
MW-7	6/9/2022	22.10	--	--	--	8.98	13.12	
MW-7	9/1/2022	22.10	--	--	--	10.72	11.38	
MW-8	11/14/2011	21.54	--	--	--	9.59	11.95	--
MW-8	2/20/2012	21.54	--	--	--	8.39	13.15	--
MW-8	8/22/2012	21.54	--	--	--	10.50	11.04	--
MW-8	11/5/2012	21.54	--	--	--	9.00	12.54	--
MW-8	1/28/2013	21.54	--	--	--	8.78	12.76	--
MW-8	5/9/2013	21.54	--	--	--	9.29	12.25	--
MW-8	8/19/2013	21.54	--	--	--	11.22	10.32	--
MW-8	11/25/2013	21.54	--	--	--	8.95	12.59	--
MW-8	2/14/2014	21.54	--	--	--	8.41	13.13	--
MW-8	5/5/2014	21.54	--	--	--	7.80	13.74	--
MW-8	8/19/2014	21.54	--	--	--	9.88	11.66	--
MW-8	11/14/2016	21.54	--	--	--	7.71	13.83	--
MW-8	11/17/2016	21.54	--	--	--	--	--	--
MW-8	2/16/2017	21.54	--	--	--	7.41	14.13	--
MW-8	5/24/2017	21.54	--	--	--	8.46	13.08	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

MW-8	9/26/2017	21.54	--	--	--	10.91	10.63	--
MW-8	12/13/2017	21.54	--	--	--	8.23	13.31	--
MW-8	2/26/2018	21.54	--	--	--	8.36	13.18	--
MW-8	6/11/2018	21.54	--	--	--	9.47	12.07	--
MW-8	8/29/2018	21.54	--	--	--	11.20	10.34	--
MW-8	12/17/2018	21.54	--	--	--	8.21	13.33	--
MW-8	3/11/2019	21.54	--	--	--	8.54	13.00	--
MW-8	6/12/2019	21.54	--	--	--	10.35	11.19	--
MW-8	12/4/2019	21.54	--	--	--	8.71	12.83	--
MW-8	2/24/2020	21.54	--	--	--	8.05	13.49	--
MW-8	6/12/2020	21.54	--	--	--	8.67	12.87	--
MW-8	9/16/2020	21.54	--	--	--	10.27	11.27	--
MW-8	12/2/2020	21.54	--	--	--	8.12	13.42	--
MW-8	3/16/2021	21.54	--	--	--	9.80	11.74	--
MW-8	5/24/2021	21.54	--	--	--	10.50	11.04	
MW-8	12/20/2021	21.54	--	--	--	9.03	12.51	
MW-8	3/1/2022	21.54	--	--	--	5.55	15.99	
MW-8	6/9/2022	21.54	--	--	--	8.45	13.09	
MW-8	9/1/2022	21.54	--	--	--	9.83	11.71	
MW-9	11/14/2011	20.82	--	--	--	8.47	12.35	--
MW-9	2/20/2012	20.82	--	--	--	5.90	14.92	--
MW-9	8/22/2012	20.82	--	--	--	7.56	13.26	--
MW-9	11/5/2012	20.82	--	--	--	7.68	13.14	--
MW-9	1/28/2013	20.82	--	--	--	6.45	14.37	--
MW-9	5/9/2013	20.82	--	--	--	7.04	13.78	--
MW-9	8/19/2013	20.82	--	--	--	8.72	12.10	--
MW-9	11/25/2013	20.82	--	--	--	7.54	13.28	--
MW-9	2/14/2014	20.82	--	--	--	6.41	14.41	--
MW-9	5/5/2014	20.82	--	--	--	5.91	14.91	--
MW-9	8/19/2014	20.82	--	--	--	8.44	12.38	--
MW-9	11/21/2014	20.82	--	--	--	6.79	14.03	--
MW-9	11/14/2016	20.82	--	--	--	6.55	14.27	--
MW-9	11/16/2016	20.82	--	--	--	--	--	--
MW-9	2/16/2017	20.82	--	--	--	5.34	15.48	--
MW-9	5/25/2017	20.82	--	--	--	5.23	15.59	--
MW-9	9/26/2017	20.82	--	--	--	8.49	12.33	--
MW-9	9/27/2017	20.82	--	--	--	--	--	--
MW-9	12/13/2017	20.82	--	--	--	5.12	15.70	--
MW-9	2/26/2018	20.82	--	--	--	5.22	15.60	--
MW-9	6/11/2018	20.82	--	--	--	7.10	13.72	--
MW-9	6/27/2018	20.82	--	--	--	7.65	13.17	--
MW-9	8/29/2018	20.82	--	--	--	8.81	12.01	--
MW-9	12/17/2018	20.82	--	--	--	6.01	14.81	--
MW-9	9/16/2020	20.82	--	--	--	8.23	12.59	--
MW-9	3/16/2021	20.82	--	--	--	4.84	15.98	--
MW-10	11/14/2011	21.12	--	--	--	9.76	11.36	--
MW-10	2/20/2012	21.12	--	--	--	8.39	12.73	--
MW-10	8/22/2012	21.12	--	--	--	10.49	10.63	--
MW-10	11/5/2012	21.12	--	--	--	8.86	12.26	--
MW-10	1/28/2013	21.12	--	--	--	8.91	12.21	--
MW-10	5/9/2013	21.12	--	--	--	9.46	11.66	--
MW-10	8/19/2013	21.12	--	--	--	11.29	9.83	--
MW-10	11/25/2013	21.12	--	--	--	9.05	12.07	--
MW-10	2/14/2014	21.12	--	--	--	8.39	12.73	--
MW-10	5/5/2014	21.12	--	--	--	7.73	13.39	--
MW-10	8/19/2014	21.12	--	--	--	10.07	11.05	--
MW-10	11/21/2014	21.12	--	--	--	8.81	12.31	--
MW-10	11/14/2016	21.12	--	--	--	7.31	13.81	--
MW-10	11/16/2016	21.12	--	--	--	--	--	--
MW-10	2/16/2017	21.12	--	--	--	5.85	15.27	--
MW-10	5/24/2017	21.12	--	--	--	8.78	12.34	--
MW-10	9/26/2017	21.12	--	--	--	10.59	10.53	--
MW-10	9/28/2017	21.12	--	--	--	--	--	--
MW-10	12/14/2017	21.12	--	--	--	8.52	12.60	--
MW-10	12/14/2017	21.12	--	--	--	8.52	12.60	--
MW-10	2/26/2018	21.12	--	--	--	8.51	12.61	--
MW-10	6/11/2018	21.12	--	--	--	9.75	11.37	--
MW-10	6/27/2018	21.12	--	--	--	10.56	10.56	--
MW-10	8/28/2018	21.12	--	--	--	11.00	10.12	--
MW-10	12/17/2018	21.12	--	--	--	8.16	12.96	--
MW-10	3/14/2019	21.12	--	--	--	8.79	12.33	--
MW-10	6/12/2019	21.12	--	--	--	10.00	11.12	--
MW-10	9/23/2019	21.12	--	--	--	9.07	12.05	--
MW-10	12/4/2019	21.12	--	--	--	9.02	12.10	--
MW-10	2/25/2020	21.12	--	--	--	8.25	12.87	--
MW-10	6/12/2020	21.12	--	--	--	9.01	12.11	--
MW-10	9/17/2020	21.12	--	--	--	10.68	10.44	--
MW-10	12/2/2020	21.12	--	--	--	8.59	12.53	--
MW-10	3/16/2021	21.12	--	--	--	8.78	12.34	--
MW-10	5/24/2021	21.12	--	--	--	9.79	11.33	
MW-10	9/16/2021	21.12	--	--	--	11.22	9.90	
MW-10	12/20/2021	21.12	--	--	--	7.96	13.16	
MW-10	3/1/2022	21.12	--	--	--	5.03	16.09	
MW-10	6/9/2022	21.12	--	--	--	8.73	12.39	
MW-10	9/1/2022	21.12	--	--	--	10.65	10.47	
MW-11	2/20/2012	16.80	--	--	--	3.98	12.82	--
MW-11	8/22/2012	16.80	--	--	--	6.31	10.49	--
MW-11	11/5/2012	16.80	--	--	--	4.75	12.05	--
MW-11	1/28/2013	16.80	--	--	--	4.26	12.54	--
MW-11	5/9/2013	16.80	--	--	--	5.12	11.68	--
MW-11	8/19/2013	16.80	--	--	--	6.89	9.91	--
MW-11	11/25/2013	16.80	--	--	--	4.52	12.28	--
MW-11	2/14/2014	16.80	--	--	--	3.99	12.81	--
MW-11	5/5/2014	16.80	--	--	--	3.21	13.59	--
MW-11	8/19/2014	16.80	--	--	--	5.69	11.11	--
MW-11	11/21/2014	16.80	--	--	--	4.65	12.15	--
MW-11	11/14/2016	16.80	--	--	--	3.88	12.92	--
MW-11	11/18/2016	16.80	--	--	--	--	--	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

MW-11	2/17/2017	16.80	--	--	--	3.45	13.35	--
MW-11	5/25/2017	16.80	--	--	--	4.38	12.42	--
MW-11	9/26/2017	16.80	--	--	--	6.20	10.60	--
MW-11	9/27/2017	16.80	--	--	--	--	--	--
MW-11	12/12/2017	16.80	--	--	--	4.75	12.05	--
MW-11	2/26/2018	16.80	--	--	--	4.38	12.42	--
MW-11	6/11/2018	16.80	--	--	--	5.62	11.18	--
MW-11	6/26/2018	16.80	--	--	--	5.99	10.81	--
MW-11	8/28/2018	16.80	--	--	--	6.66	10.14	--
MW-11	3/14/2019	16.80	--	--	--	4.48	12.32	--
MW-11	6/12/2019	16.80	--	--	--	5.65	11.15	--
MW-11	9/23/2019	16.80	--	--	--	4.76	12.04	--
MW-11	12/4/2019	16.80	--	--	--	4.80	12.00	--
MW-11	2/25/2020	16.80	--	--	--	4.08	12.72	--
MW-11	6/12/2020	16.80	--	--	--	9.70	7.10	--
MW-11	9/17/2020	16.80	--	--	--	6.51	10.29	--
MW-11	12/2/2020	16.80	--	--	--	4.35	12.45	--
MW-11	3/16/2021	16.80	--	--	--	4.52	12.28	--
MW-11	5/24/2021	16.80	--	--	--	5.21	11.59	
MW-11	9/15/2021	16.80	--	--	--	7.21	9.59	
MW-11	12/20/2021	16.80	--	--	--	3.72	13.08	
MW-11	3/1/2022	16.80	--	--	--	0.50	16.30	
MW-11	6/9/2022	16.80	--	--	--	4.15	12.65	
MW-11	9/1/2022	16.80	--	--	--	6.53	10.27	
MW-12	2/20/2012	19.59	--	--	--	7.52	12.07	--
MW-12	8/22/2012	19.59	--	--	--	8.71	10.88	--
MW-12	11/5/2012	19.59	--	--	--	7.16	12.43	--
MW-12	5/9/2013	19.59	--	--	--	7.69	11.90	--
MW-12	8/19/2013	19.59	--	--	--	9.41	10.18	--
MW-12	11/25/2013	19.59	--	--	--	7.27	12.32	--
MW-12	2/14/2014	19.59	--	--	--	6.51	13.08	--
MW-12	5/5/2014	19.59	--	--	--	5.96	13.63	--
MW-12	8/19/2014	19.59	--	--	--	8.18	11.41	--
MW-12	11/21/2014	19.59	--	--	--	7.11	12.48	--
MW-12	11/14/2016	19.59	--	--	--	4.28	15.31	--
MW-12	11/18/2016	19.59	--	--	--	--	--	--
MW-12	2/17/2017	19.59	--	--	--	5.87	13.72	--
MW-12	2/17/2017	19.59	--	--	--	5.87	13.72	--
MW-12	5/25/2017	19.59	--	--	--	6.87	12.72	--
MW-12	9/26/2017	19.59	--	--	--	8.60	10.99	--
MW-12	9/27/2017	19.59	--	--	--	--	--	--
MW-12	12/12/2017	19.59	--	--	--	6.21	13.38	--
MW-12	2/26/2018	19.59	--	--	--	6.83	12.76	--
MW-12	6/11/2018	19.59	--	--	--	7.88	11.71	--
MW-12	6/26/2018	19.59	--	--	--	8.46	11.13	--
MW-12	8/28/2018	19.59	--	--	--	9.30	10.29	--
MW-12	3/14/2019	19.59	--	--	--	6.73	12.86	--
MW-12	6/12/2019	19.59	--	--	--	8.07	11.52	--
MW-12	9/23/2019	19.59	--	--	--	7.38	12.21	--
MW-12	12/4/2019	19.59	--	--	--	7.21	12.38	--
MW-12	2/25/2020	19.59	--	--	--	6.35	13.24	--
MW-12	6/12/2020	19.59	--	--	--	7.18	12.41	--
MW-12	9/17/2020	19.59	--	--	--	8.69	10.90	--
MW-12	12/2/2020	19.59	--	--	--	6.72	12.87	--
MW-12	3/16/2021	19.59	--	--	--	6.97	12.62	--
MW-12	5/24/2021	19.59	--	--	--	7.87	11.72	
MW-12	9/15/2021	19.59	--	--	--	9.14	10.45	
MW-12	12/20/2021	19.59	--	--	--	6.35	13.24	
MW-12	3/1/2022	19.59	--	--	--	3.96	15.63	
MW-12	6/9/2022	19.59	--	--	--	6.80	12.79	
MW-12	9/1/2022	19.59	--	--	--	8.65	10.94	
MW-13	2/20/2012	21.24	--	--	--	5.51	15.73	--
MW-13	8/22/2012	21.24	--	--	--	10.00	11.24	--
MW-13	11/5/2012	21.24	--	--	--	8.35	12.89	--
MW-13	1/28/2013	21.24	--	--	--	5.74	15.50	--
MW-13	5/9/2013	21.24	--	--	--	8.76	12.48	--
MW-13	8/19/2013	21.24	--	--	--	10.78	10.46	--
MW-13	11/25/2013	21.24	--	--	--	7.90	13.34	--
MW-13	2/14/2014	21.24	--	--	--	5.36	15.88	--
MW-13	5/5/2014	21.24	--	--	--	4.73	16.51	--
MW-13	8/19/2014	21.24	--	--	--	9.49	11.75	--
MW-13	11/21/2014	21.24	--	--	--	5.71	15.53	--
MW-13	11/14/2016	21.24	--	--	--	4.92	16.32	--
MW-13	11/17/2016	21.24	--	--	--	--	--	--
MW-13	2/16/2017	21.24	--	--	--	3.74	17.50	--
MW-13	5/25/2017	21.24	--	--	--	5.40	15.84	--
MW-13	9/26/2017	21.24	--	--	--	9.77	11.47	--
MW-13	9/27/2017	21.24	--	--	--	--	--	--
MW-13	12/13/2017	21.24	--	--	--	4.62	16.62	--
MW-13	2/26/2018	21.24	--	--	--	5.27	15.97	--
MW-13	6/11/2018	21.24	--	--	--	8.97	12.27	--
MW-13	6/26/2018	21.24	--	--	--	9.77	11.47	--
MW-13	8/28/2018	21.24	--	--	--	10.88	10.36	--
MW-13	12/17/2018	21.24	--	--	--	5.50	15.74	--
MW-13	3/14/2019	21.24	--	--	--	5.25	15.99	--
MW-13	6/12/2019	21.24	--	--	--	9.25	11.99	--
MW-13	9/23/2019	21.24	--	--	--	8.69	12.55	--
MW-13	12/4/2019	21.24	--	--	--	7.90	13.34	--
MW-13	2/25/2020	21.24	--	--	--	4.51	16.73	--
MW-13	6/12/2020	21.24	--	--	--	7.63	13.61	--
MW-13	9/17/2020	21.24	--	--	--	9.72	11.52	--
MW-13	12/2/2020	21.24	--	--	--	6.73	14.51	--
MW-13	3/16/2021	21.24	--	--	--	5.24	16.00	--
MW-13	5/24/2021	21.24	--	--	--	8.90	12.34	
MW-13	9/15/2021	21.24	--	--	--	10.26	10.98	
MW-13	12/20/2021	21.24	--	--	--	4.45	16.79	
MW-13	3/1/2022	21.24	--	--	--	4.28	16.96	
MW-13	6/9/2022	21.24	--	--	--	5.59	15.65	
MW-13	9/1/2022	21.24	--	--	--	9.20	12.04	

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

MW-14	11/14/2011	21.54	--	--	--	9.66	11.88	--
MW-14	2/20/2012	21.54	--	--	--	8.33	13.21	--
MW-14	8/22/2012	21.54	--	--	--	10.36	11.18	--
MW-14	11/5/2012	21.54	--	--	--	8.98	12.56	--
MW-14	1/28/2013	21.54	--	--	--	8.75	12.79	--
MW-14	5/9/2013	21.54	--	--	--	9.19	12.35	--
MW-14	8/19/2013	21.54	--	--	--	11.09	10.45	--
MW-14	11/25/2013	21.54	--	--	--	8.86	12.68	--
MW-14	2/14/2014	21.54	--	--	--	8.28	13.26	--
MW-14	5/5/2014	21.54	--	--	--	7.61	13.93	--
MW-14	8/19/2014	21.54	--	--	--	9.86	11.68	--
MW-14	11/21/2014	21.54	--	--	--	8.32	13.22	--
MW-14	11/14/2016	21.54	--	--	--	9.65	11.89	--
MW-14	11/17/2016	21.54	--	--	--	--	--	--
MW-14	2/16/2017	21.54	--	--	--	7.70	13.84	--
MW-14	5/25/2017	21.54	--	--	--	8.35	13.19	--
MW-14	9/26/2017	21.54	--	--	--	10.10	11.44	--
MW-14	12/14/2017	21.54	--	--	--	8.10	13.44	--
MW-14	2/26/2018	21.54	--	--	--	8.13	13.41	--
MW-14	6/11/2018	21.54	--	--	--	9.38	12.16	--
MW-14	8/28/2018	21.54	--	--	--	11.54	10.00	--
MW-14	12/17/2018	21.54	--	--	--	8.19	13.35	--
MW-15	11/14/2011	20.52	--	--	--	8.71	11.81	--
MW-15	2/20/2012	20.52	--	--	--	6.83	13.69	--
MW-15	8/22/2012	20.52	--	--	--	9.46	11.06	--
MW-15	11/5/2012	20.52	--	--	--	7.83	12.69	--
MW-15	1/28/2013	20.52	--	--	--	8.42	12.10	--
MW-15	5/9/2013	20.52	--	--	--	8.14	12.38	--
MW-15	8/19/2013	20.52	--	--	--	10.38	10.14	--
MW-15	11/25/2013	20.52	--	--	--	7.76	12.76	--
MW-15	2/14/2014	20.52	--	--	--	6.75	13.77	--
MW-15	5/5/2014	20.52	--	--	--	5.79	14.73	--
MW-15	8/19/2014	20.52	--	--	--	9.92	10.60	--
MW-15	11/21/2014	20.52	--	--	--	7.21	13.31	--
MW-15	11/14/2016	20.52	--	--	--	6.44	14.08	--
MW-15	11/18/2016	20.52	--	--	--	--	--	--
MW-15	2/17/2017	20.52	--	--	--	5.52	15.00	--
MW-15	5/26/2017	20.52	--	--	--	6.95	13.57	--
MW-15	9/26/2017	20.52	--	--	--	9.55	10.97	--
MW-15	9/28/2017	20.52	--	--	--	--	--	--
MW-15	12/14/2017	20.52	--	--	--	6.92	13.60	--
MW-15	2/26/2018	20.52	--	--	--	7.61	12.91	--
MW-15	6/11/2018	20.52	--	--	--	8.29	12.23	--
MW-15	6/27/2018	20.52	--	--	--	8.87	11.65	--
MW-15	8/29/2018	20.52	--	--	--	9.91	10.61	--
MW-15	12/17/2018	20.52	--	--	--	7.09	13.43	--
MW-15	3/14/2019	20.52	--	--	--	6.65	13.87	--
MW-15	6/12/2019	20.52	--	--	--	8.51	12.01	--
MW-15	9/23/2019	20.52	--	--	--	8.03	12.49	--
MW-15	12/4/2019	20.52	--	--	--	7.95	12.57	--
MW-15	2/26/2020	20.52	--	--	--	7.12	13.40	--
MW-15	6/12/2020	20.52	--	--	--	8.00	12.52	--
MW-15	9/17/2020	20.52	--	--	--	9.53	10.99	--
MW-15	12/2/2020	20.52	--	--	--	8.15	12.37	--
MW-15	3/16/2021	20.52	--	--	--	6.51	14.01	--
MW-15	5/24/2021	20.52	--	--	--	8.22	12.30	
MW-15	9/16/2021	20.52	--	--	--	10.07	10.45	
MW-15	12/20/2021	20.52	--	--	--	6.71	13.81	
MW-15	3/1/2022	20.52	--	--	--	0.00	20.52	
MW-15	6/9/2022	20.52	--	--	--	8.30	12.22	
MW-15	9/1/2022	20.52	--	--	--	9.39	11.13	
MW-16	2/20/2012	21.24	--	--	--	8.23	13.01	--
MW-16	8/22/2012	21.24	--	--	--	10.63	10.61	--
MW-16	11/5/2012	21.24	--	--	--	8.61	12.63	--
MW-16	1/28/2013	21.24	--	--	--	8.54	12.70	--
MW-16	5/9/2013	21.24	--	--	--	8.97	12.27	--
MW-16	8/19/2013	21.24	--	--	--	10.85	10.39	--
MW-16	11/25/2013	21.24	--	--	--	8.54	12.70	--
MW-16	2/14/2014	21.24	--	--	--	6.72	14.52	--
MW-16	5/5/2014	21.24	--	--	--	6.61	14.63	--
MW-16	8/19/2014	21.24	--	--	--	9.55	11.69	--
MW-16	11/21/2014	21.24	--	--	--	8.12	13.12	--
MW-16	11/14/2016	21.24	--	--	--	7.01	14.23	--
MW-16	11/17/2016	21.24	--	--	--	--	--	--
MW-16	2/17/2017	21.24	--	--	--	4.11	17.13	--
MW-16	5/25/2017	21.24	--	--	--	6.89	14.35	--
MW-16	9/26/2017	21.24	--	--	--	9.41	11.83	--
MW-16	9/27/2017	21.24	--	--	--	--	--	--
MW-16	12/13/2017	21.24	--	--	--	6.26	14.98	--
MW-16	2/26/2018	21.24	--	--	--	7.21	14.03	--
MW-16	6/11/2018	21.24	--	--	--	8.88	12.36	--
MW-16	6/26/2018	21.24	--	--	--	9.48	11.76	--
MW-16	8/28/2018	21.24	--	--	--	10.67	10.57	--
MW-16	12/17/2018	21.24	--	--	--	6.75	14.49	--
MW-16	3/14/2019	21.24	--	--	--	7.27	13.97	--
MW-16	6/12/2019	21.24	--	--	--	8.87	12.37	--
MW-16	9/23/2019	21.24	--	--	--	8.15	13.09	--
MW-16	12/4/2019	21.24	--	--	--	7.59	13.65	--
MW-16	2/25/2020	21.24	--	--	--	5.95	15.29	--
MW-16	6/12/2020	21.24	--	--	--	7.83	13.41	--
MW-16	9/17/2020	21.24	--	--	--	9.34	11.90	--
MW-16	12/2/2020	21.24	--	--	--	7.31	13.93	--
MW-16	3/16/2021	21.24	--	--	--	6.52	14.72	--
MW-16	5/24/2021	21.24	--	--	--	8.58	12.66	
MW-16	9/15/2021	21.24	--	--	--	9.67	11.57	
MW-16	12/20/2021	21.24	--	--	--	6.42	14.82	
MW-16	3/1/2022	21.24	--	--	--	4.93	16.31	
MW-16	6/9/2022	21.24	--	--	--	7.62	13.62	

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

MW-16	9/1/2022	21.24	--	--	--	9.00	12.24	
MW-17	8/22/2012	13.34	--	--	--	2.77	10.57	--
MW-17	11/5/2012	13.34	--	--	--	0.18	13.16	--
MW-17	1/28/2013	13.34	--	--	--	1.31	12.03	--
MW-17	5/9/2013	13.34	--	--	--	1.88	11.46	--
MW-17	8/19/2013	13.34	--	--	--	3.59	9.75	--
MW-17	11/25/2013	13.34	--	--	--	1.49	11.85	--
MW-17	2/14/2014	13.34	--	--	--	0.80	12.54	--
MW-17	5/5/2014	13.34	--	--	--	0.00	13.34	--
MW-17	8/19/2014	13.34	--	--	--	2.41	10.93	--
MW-17	11/21/2014	13.34	--	--	--	1.43	11.91	--
MW-17	11/14/2016	13.34	--	--	--	0.75	12.59	--
MW-17	11/18/2016	13.34	--	--	--	--	--	--
MW-17	2/16/2017	13.34	--	--	--	3.00	10.34	--
MW-17	5/25/2017	13.34	--	--	--	1.27	12.07	--
MW-17	9/26/2017	13.34	--	--	--	2.94	10.40	--
MW-17	9/27/2017	13.34	--	--	--	--	--	--
MW-17	12/12/2017	13.34	--	--	--	1.11	12.23	--
MW-17	2/26/2018	13.34	--	--	--	1.08	12.26	--
MW-17	6/11/2018	13.34	--	--	--	2.21	11.13	--
MW-17	6/26/2018	13.34	--	--	--	2.69	10.65	--
MW-17	8/28/2018	13.34	--	--	--	3.31	10.03	--
MW-17	9/23/2019	13.34	--	--	--	1.55	11.79	--
DW-1	11/14/2011	20.69	--	--	--	8.91	11.78	--
DW-1	2/20/2012	20.69	--	--	--	7.76	12.93	--
DW-1	8/22/2012	20.69	--	--	--	9.79	10.90	--
DW-1	11/5/2012	20.69	--	--	--	8.12	12.57	--
DW-1	1/28/2013	20.69	--	--	--	8.06	12.63	--
DW-1	5/9/2013	20.69	--	--	--	8.46	12.23	--
DW-1	8/19/2013	20.69	--	--	--	10.66	10.03	--
DW-1	11/25/2013	20.69	--	--	--	8.19	12.50	--
DW-1	2/14/2014	20.69	--	--	--	7.86	12.83	--
DW-1	5/5/2014	20.69	--	--	--	7.13	13.56	--
DW-1	8/19/2014	20.69	--	--	--	9.35	11.34	--
DW-1	11/21/2014	20.69	--	--	--	7.84	12.85	--
DW-2	11/14/2011	21.36	--	--	--	9.79	11.57	--
DW-2	2/20/2012	21.36	--	--	--	8.40	12.96	--
DW-2	8/22/2012	21.36	--	--	--	10.45	10.91	--
DW-2	11/5/2012	21.36	--	--	--	8.96	12.40	--
DW-2	1/28/2013	21.36	--	--	--	8.87	12.49	--
DW-2	5/9/2013	21.36	--	--	--	9.36	12.00	--
DW-2	8/19/2013	21.36	--	--	--	10.36	11.00	--
DW-2	11/25/2013	21.36	--	--	--	9.96	11.40	--
DW-2	2/14/2014	21.36	--	--	--	8.41	12.95	--
DW-2	5/5/2014	21.36	--	--	--	8.00	13.36	--
DW-2	8/19/2014	21.36	--	--	--	10.12	11.24	--
DW-2	11/21/2014	21.36	--	--	--	9.21	12.15	--
DW-3	11/14/2011	21.75	--	--	--	10.26	11.49	--
DW-3	2/20/2012	21.75	--	--	--	8.95	12.80	--
DW-3	8/22/2012	21.75	--	--	--	11.01	10.74	--
DW-3	11/5/2012	21.75	--	--	--	9.38	12.37	--
DW-3	1/28/2013	21.75	--	--	--	9.39	12.36	--
DW-3	5/9/2013	21.75	--	--	--	9.87	11.88	--
DW-3	8/19/2013	21.75	--	--	--	11.88	9.87	--
DW-3	11/25/2013	21.75	--	--	--	9.49	12.26	--
DW-3	2/14/2014	21.75	--	--	--	9.00	12.75	--
DW-3	5/5/2014	21.75	--	--	--	8.31	13.44	--
DW-3	11/21/2014	21.75	--	--	--	9.29	12.46	--
DW-3	9/23/2019	21.75	--	--	--	7.60	14.15	--
DW-4	8/22/2012	16.61	--	--	--	5.91	10.70	--
DW-4	11/5/2012	16.61	--	--	--	4.08	12.53	--
DW-4	1/28/2013	16.61	--	--	--	4.69	11.92	--
DW-4	5/9/2013	16.61	--	--	--	4.69	11.92	--
DW-4	8/19/2013	16.61	--	--	--	6.39	10.22	--
DW-4	11/25/2013	16.61	--	--	--	4.41	12.20	--
DW-4	2/14/2014	16.61	--	--	--	3.66	12.95	--
DW-4	5/5/2014	16.61	--	--	--	2.94	13.67	--
DW-4	8/19/2014	16.61	--	--	--	5.44	11.17	--
DW-4	11/21/2014	16.61	--	--	--	4.35	12.26	--
BR-1	11/5/2012	19.55	--	--	--	8.18	11.37	--
BR-1	1/28/2013	19.55	--	--	--	9.60	9.95	--
BR-1	5/9/2013	19.55	--	--	--	10.80	8.75	--
BR-1	8/19/2013	19.55	--	--	--	10.96	8.59	--
BR-1	11/25/2013	19.55	--	--	--	10.03	9.52	--
BR-1	2/14/2014	19.55	--	--	--	7.42	12.13	--
BR-1	5/5/2014	19.55	--	--	--	5.88	13.67	--
BR-1	8/19/2014	19.55	--	--	--	10.58	8.97	--
BR-1	11/21/2014	19.55	--	--	--	9.69	9.86	--
BR-2	11/5/2012	18.08	--	--	--	6.73	11.35	--
BR-2	1/28/2013	18.08	--	--	--	8.02	10.06	--
BR-2	5/9/2013	18.08	--	--	--	9.33	8.75	--
BR-2	8/19/2013	18.08	--	--	--	9.42	8.66	--
BR-2	11/25/2013	18.08	--	--	--	8.55	9.53	--
BR-2	2/14/2014	18.08	--	--	--	6.04	12.04	--
BR-2	5/5/2014	18.08	--	--	--	4.44	13.64	--
BR-2	8/19/2014	18.08	--	--	--	9.05	9.03	--
BR-2	11/21/2014	18.08	--	--	--	7.61	10.47	--
WS-1	1/28/2013	12.24			DRY			
WS-1	5/9/2013	12.24			DRY			
WS-1	8/19/2013	12.24			DRY			
WS-1	11/25/2013	12.24			DRY			
WS-1	2/14/2014	12.24	--	--	--	0.73	12.97	--
WS-1	5/5/2014	12.24	--	--	--	2.30	14.54	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

WS-1	8/19/2014	12.24			DRY			
WS-1	11/21/2014	12.24			DRY			
WS-2		12.03						
WS-2	1/28/2013	12.03			DRY			
WS-2	5/9/2013	12.03			DRY			
WS-2	8/19/2013	12.03			DRY			
WS-2	11/25/2013	12.03	--	--	--	0.075	12.11	--
WS-2	2/14/2014	12.03	--	--	--	1.275	13.31	--
WS-2	5/5/2014	12.03	--	--	--	2.55	14.58	--
WS-2	8/19/2014	12.03			DRY			
WS-2	11/21/2014	12.03			DRY			
WS-3		14.11						
WS-3	1/28/2013	14.11	--	--	--	2.13	16.24	--
WS-3	5/9/2013	14.11	--	--	--	1.05	15.16	--
WS-3	8/19/2013	14.11			DRY			
WS-3	11/25/2013	14.11	--	--	--	1.05	15.16	--
WS-3	2/14/2014	14.11	--	--	--	1.53	15.64	--
WS-3	5/5/2014	14.11	--	--	--	2.20	16.31	--
WS-3	8/19/2014	14.11			DRY			
WS-3	11/21/2014	14.11	--	--	--	1.15	12.96	--
WS-4		14.92						
WS-4	5/9/2013	14.92	--	--	--	0.25	15.17	--
WS-4	8/19/2013	14.92			DRY			
WS-4	2/14/2014	14.92	--	--	--	0.68	15.60	--
WS-4	5/5/2014	14.92	--	--	--	1.38	16.30	--
WS-4	8/19/2014	14.92			DRY			
WS-4	11/21/2014	14.92	--	--	--	0.39	14.53	--
TW-1	5/9/2013	21.4	--	--	--	9.33	12.07	--
TW-1	8/19/2013	21.4	--	--	--	11.07	10.33	--
TW-1	11/25/2013	21.4	--	--	--	8.83	12.57	--
TW-1	2/14/2014	21.4	--	--	--	8.23	13.17	--
TW-1	5/5/2014	21.4	--	--	--	7.52	13.88	--
TW-1	8/19/2014	21.4	--	--	--	9.91	11.49	--
TW-2	5/9/2013	21.19	7.2		0.33	7.53	13.91	--
TW-2	8/19/2013	21.19	8.03		0.39	8.42	13.06	--
TW-2	11/25/2013	21.19	8.1		0.27	8.37	13.02	--
TW-2	2/14/2014	21.19	--	--	--	8.12	13.07	--
TW-2	5/5/2014	21.19	6.04	15.15	0.87	6.91	14.93	--
TW-2	8/19/2014	21.19	7.93	13.26	0.33	8.26	13.18	--
TW-3	5/9/2013	21.2	--	--	--	9.35	11.85	--
TW-3	8/19/2013	21.2	--	--	--	11.09	10.11	--
TW-3	11/25/2013	21.2	--	--	--	8.88	12.32	--
TW-3	2/14/2014	21.2	--	--	--	7.31	13.89	--
TW-3	5/5/2014	21.2	--	--	--	7.52	13.68	--
TW-3	8/19/2014	21.2	--	--	--	9.89	11.31	--
TW-4	5/9/2013	21.27	--	--	--	8.49	12.78	--
TW-4	8/19/2013	21.27	--	--	--	9.16	12.11	--
TW-4	11/25/2013	21.27	--	--	--	8.34	12.93	--
TW-4	2/14/2014	21.27	--	--	--	7.19	14.08	--
TW-4	5/5/2014	21.27	--	--	--	5.42	15.85	--
TW-4	8/19/2014	21.27	--	--	--	8.65	12.62	--
TW-5	5/9/2013	21.35	--	--	--	9.34	12.01	--
TW-5	8/19/2013	21.35	--	--	--	11.29	10.06	--
TW-5	11/25/2013	21.35	--	--	--	9.01	12.34	--
TW-5	2/14/2014	21.35	--	--	--	8.45	12.90	--
TW-5	5/5/2014	21.35	--	--	--	7.69	13.66	--
TW-5	8/19/2014	21.35	--	--	--	10.05	11.30	--
TW-6	5/9/2013	21.35	8.32		0.08	8.40	13.01	--
TW-6	8/19/2013	21.35	--	--	--	8.98	12.37	--
TW-6	11/25/2013	21.35	8.29		0.27	8.56	12.99	--
TW-6	2/14/2014	21.35	7.9		0.64	8.54	13.29	--
TW-6	5/5/2014	21.35	7.39	13.96	1.09	8.48	13.69	--
TW-6	8/19/2014	21.35	--	--	--	8.58	12.77	--
TW-7	5/9/2013	21.31	--	--	--	9.39	11.92	--
TW-7	8/19/2013	21.31	--	--	--	11.23	10.08	--
TW-7	11/25/2013	21.31	--	--	--	8.91	12.40	--
TW-7	2/14/2014	21.31	--	--	--	8.41	12.90	--
TW-7	5/5/2014	21.31	--	--	--	7.91	13.40	--
TW-7	8/19/2014	21.31	--	--	--	10.00	11.31	--
TW-8	5/9/2013	21.36	--	--	--	8.22	13.14	--
TW-8	8/19/2013	21.36	--	--	--	8.66	12.70	--
TW-8	11/25/2013	21.36	--	--	--	8.68	12.68	--
TW-8	2/14/2014	21.36	--	--	--	8.03	13.33	--
TW-8	5/5/2014	21.36	--	--	--	6.69	14.67	--
TW-8	8/19/2014	21.36	--	--	--	8.29	13.07	--
AS-1	5/9/2013	21.24	--	--	--	9.34	11.90	--
AS-1	8/19/2013	21.24	--	--	--	11.28	9.96	--
AS-1	11/25/2013	21.24	--	--	--	8.98	12.26	--
AS-1	2/14/2014	21.24	--	--	--	8.46	12.78	--
AS-1	5/5/2014	21.24	--	--	--	7.63	13.61	--
AS-1	8/19/2014	21.24	--	--	--	10.01	11.23	--
EX-1	5/9/2013	21.54	8.57	--	1.46	10.03	12.61	--
EX-1	8/19/2013	21.54	10.41	--	0.71	11.12	10.95	--
EX-1	11/25/2013	21.54	8.39	--	1.57	9.96	12.76	--
EX-1	2/14/2014	21.54	7.76	--	2.22	9.98	13.23	--
EX-1	5/5/2014	21.54	7.3	14.24	2.78	10.08	13.55	--
EX-1	8/19/2014	21.54	9.86	11.68	0.41	10.27	11.58	--
EX-1	7/11/2016	--	9.05	--	0.55	9.60	--	--

Table 5

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

EX-1	7/11/2017	--	7.8	--	1.91	9.71	--	--
EX-1	12/11/2017	21.54	4.92	16.62	4.72	9.64	15.68	--
EX-1	2/26/2018	21.54	--	--	--	--	--	--
EX-1	6/11/2018	21.54	8.75	12.79	0.63	9.38	12.66	--
EX-1	12/17/2018	21.54	7.38	14.16	1.94	9.32	13.77	--
EX-1	3/11/2019	21.54	7.38	14.16	1.89	9.27	13.78	--
EX-1	6/12/2019	21.54	7.05	14.49	2.21	9.26	14.05	--
EX-1	9/23/2019	21.54	8.30	13.24	0.95	9.25	13.05	--
EX-1	12/4/2019	21.54	7.80	13.74	1.31	9.11	13.48	--
EX-1	2/24/2020	21.54	7.20	14.34	1.27	8.47	14.09	--
EX-1	6/12/2020	21.46	7.92	13.54	0.2	8.12	13.50	--
EX-1	12/2/2020	21.54	--	--	--	7.54	14.00	--
EX-1	5/24/2021	21.54	--	--	--	10.91	10.63	
EX-1	9/14/2021	21.54	--	--	--	12.81	8.73	
EX-1	12/20/2021	21.54	--	--	--	7.67	13.87	
EX-1	3/1/2022	21.54	--	--	--	7.00	14.54	
P-1	5/9/2013	21.47	8.76	--	0.07	8.83	12.69	--
P-1	8/19/2013	21.47	10.38	--	0.41	10.79	10.99	--
P-1	11/25/2013	21.47	8.57	--	0.21	8.78	12.85	--
P-1	2/14/2014	21.47	7.89	--	1.36	9.25	13.24	--
P-1	5/5/2014	21.47	7.3	14.17	2.46	9.76	13.56	--
P-1	8/19/2014	21.47	9.79	11.68	0.42	10.21	11.58	--
P-1	11/14/2016	21.47	--	--	--	9.36	12.11	--
P-1	2/16/2017	21.47	6.19	15.28	3.31	9.50	14.62	--
P-1	5/24/2017	21.47	8.33	13.14	1.08	9.41	12.92	--
P-1	9/26/2017	21.47	10.15	11.32	0.87	11.02	11.15	--
P-1	12/11/2017	21.47	7.65	13.82	1.49	9.14	13.52	--
P-1	2/26/2018	21.47	8.8	12.67	0.62	9.42	12.55	--
P-1	6/11/2018	21.47	9.20	12.27	0.48	9.68	12.17	--
P-1	8/27/2018	21.47	--	--	--	11.09	10.38	--
P-1	12/17/2018	21.47	7.66	13.81	1.98	9.64	13.41	--
P-2	5/9/2013	21.6	8.65	--	1.32	9.97	12.62	--
P-2	8/19/2013	21.6	10.22	--	1.99	12.21	10.88	--
P-2	11/25/2013	21.6	8.46	--	1.4	9.86	12.79	--
P-2	2/14/2014	21.6	7.97	--	1.48	9.45	13.26	--
P-2	5/5/2014	21.6	7.55	14.05	1.87	9.42	13.58	--
P-2	8/19/2014	21.6	9.66	11.94	1.65	11.31	11.53	--
P-2	11/14/2016	21.60	7.71	13.89	1.89	9.60	13.51	--
P-2	2/16/2017	21.60	6.78	14.82	2.27	9.05	14.37	--
P-2	5/24/2017	21.60	7.73	13.87	1.75	9.48	13.52	--
P-2	9/26/2017	21.60	10.32	11.28	1.25	11.57	11.03	--
P-2	12/11/2017	21.60	8.5	13.1	0.61	9.11	12.98	--
P-2	2/26/2018	21.60	9.15	12.45	0.68	9.83	12.31	--
P-2	6/11/2018	21.60	9.60	12	0.97	10.57	11.81	--
P-2	8/27/2018	21.60	10.61	10.99	1.76	12.37	10.64	--
P-2	12/17/2018	21.60	8.35	13.25	1.01	9.36	13.05	--

Notes:
All measurement are recorded in feet.
-- = Not Applicable, no data
NM = Not Measured
Groundwater elevations adjusted for the presence of separate phase hydrocarbons using a factor of 0.73

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
HB-1	12/7/1993	61	--	--	<0.50	<0.50	0.14	0.12	--	--
HB-2	12/7/1993	68	--	--	0.092	<0.50	0.17	0.13	--	--
R-1	9/17/1997	**3,360,000**	**206,000**	**23,500**	**7,620**	**3,460**	**1,460**	**9,460**	--	--
W-1	5/23/2000	**190,000**	**160,000**	<100,000	**34,000**	**42,000**	**3,600**	**23,000**	--	--
W-1	5/24/2001	**LPH Encountered**								
W-1	6/5/2002	**130,000**	**79,000**	<9,400	**17,000**	**27,000**	**2,700**	**19,000**	--	--
W-1	11/25/2002	**155,000**	16.7	0.500	**17,600**	**24,800**	**2,950**	**19,500**	--	--
W-1	5/29/2003	**170,000**	**79,000**	<4,800	**20,000**	**25,000**	**3,400**	**23,000**	--	--
W-1	6/16/2004	**LPH Encountered**								
W-1	6/20/2005	**93,000**	**120,000**	<11,000	**12,000**	**13,000**	**1,600**	**12,000**	--	--
W-1	6/7/2006	**69,500**	**7,500**	337	**8,680**	**6,260**	**726**	**8,240**	--	--
W-1	10/23/2006	**91,700**	**9,070**	<183	**14,500**	**8,400**	**2,420**	**20,800**	--	--
W-1	3/14/2007	**70,300**	**16,100**	<740	**8,920**	**2,800**	**1,010**	**17,600**	--	--
W-1 (DUP)	3/14/2007	**63,200**	**11,000**	<370	**9,340**	**3,010**	**1,130**	**19,200**	--	--
W-1	9/11/2007	**Insufficient Groundwater to Sample**								
W-1	6/4/2008	**81,900**	**23,900**	**1,370**	**14,600**	697	**1,510**	**17,100**	--	--
W-1	8/25/2008	**Insufficient Groundwater to Sample**								
W-1	3/24/2010	**76,400**	**2,510**	<381	**22,300**	**7,190**	**2,640**	**16,900**	6.9	<250
W-1	8/27/2010	**56,200**	**8,170**	<400	**16,500**	**2,550**	**2,270**	**14,400**	<1.0	<250
W-1	2/9/2011	**74,200**	**2,960**	<377	**12,000**	**1,210**	**1,650**	**13,700**	**58.7**	--
W-1	5/24/2011	**80,400**	**2,800**	<450	**11,400**	**1,570**	**1,670**	**15,500**	**74**	--
W-1	8/16/2011	**58,400**	**184,000**	<6700	**16,300**	804	**1,600**	**16,000**	**25.4 J**	--
W-1	2/23/2012	**179,000**	**2,700**	<380	**9,850**	530	**2,120**	**41,600**	13.7	--
W-1	5/10/2012	**46,600**	**10,000**	<380	**6,310**	158	**936**	**11,700**	**50.9**	--
W-1	8/24/2012	**51,500** [10]	**1,600**	<380	**3,550**	280	266	**10,300**	**25.4**	--
W-1	1/31/2013	**29,400**	**10,300**	<430	**5,350**	91	197	**5,470**	<50.0	--
W-1	4/30/2013	**51,800**	**1,200 J**	<200	**7,040**	208	505	**9,270**	**60.4**	--
W-1 (DUP)	4/30/2013	**50,800**	**2,200 J**	<200	**7,220**	191	477	**9,320**	**50.9**	--
W-1	11/19/2013	**34,000**	**3,700**	<400	**5,650**	83.4	652	**6,410**	<50.0	--
W-1	2/5/2014	**29,600**	**4,300**	<400	**3,190**	30.3	274	**3,650**	**37**	--
W-1	5/6/2014	**39,000**	**4,400**	<28	**4,930**	163	552	**4,630**	<3.4	--
W-1 (DUP)	5/6/2014	**36,600**	**4,200**	<29	**4,730**	166	551	**4,850**	<8.4	--
W-2	9/18/1997	**393,000**	**85,200**	**19,200**	**19,400**	**11,700**	**3,550**	**18,000**	--	--
W-2	7/29/1999	**110,000**	**36,000**	<10,000	**12,000**	**11,000**	**1,900**	**13,000**	--	--
W-2	5/23/2000	**85,000**	**50,000**	<20,000	**15,000**	**19,000**	**1,500**	**10,000**	--	--
W-2	5/24/2001	**25,000**	**30,000**	**13,000**	**7,600**	**3,000**	420	**4,400**	--	--
W-2	6/5/2002	**LPH Encountered**								
W-2	11/25/2002	**104,000**	14.7	1.91	**15,300**	**15,800**	**1,960**	**11,700**	--	--
W-2	5/28/2003	**98,000**	**28,000**	**7,800J**	**16,000**	**15,000**	**2,200**	**12,000**	--	--
W-2	6/15/2004	**85,000**	**460,000**	<50,000	**21,000**	**5,700**	**2,800**	**8,700**	--	--
W-2	6/22/2005	**50,000**	**73,000**	<4,000	**11,000**	**2,000**	**1,800**	**6,900**	--	--
W-2	6/6/2006	**34,400**	**5,880**	283Ju	**6,640**	**1,660**	464	**4,760**	--	--
W-2	10/23/2006	**53,000**	**5,800**	<183	**12,500**	**3,470**	**1,710**	**8,220**	--	--
W-2 (DUP)	10/23/2006	**60,800**	**5,890**	<183	**12,000**	**2,840**	**1,650**	**7,420**	--	--
W-2	3/14/2007	**51,800**	**12,400**	<370	**9,060**	**1,840**	**2,010**	**10,500**	--	--
W-2	9/11/2007	**42,900**	**5,780**	<100	**14,000**	572	**1,610**	**3,040**	--	--
W-2	6/3/2008	**51,900**	**46,300**	**3,330J**	**15,100**	215	**2,250**	**3,510**	--	--
W-2	8/27/2008	**49,000** [1]	**5,050** [1,3]	363 [1]	**18,700** [1]	147 [1]	**1,970** [1]	**3,630** [1]	24 [1]	74.4 [1]
W-2	3/23/2010	**48,300**	**2,150**	<381	**14,100**	691	**3,090**	**10,400**	6.1	<250
W-2	8/27/2010	**30,700**	**4,570**	**502**	**12,500**	253	**2,730**	**7,580**	10.8	<250

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
W-2	2/9/2011	**11,500**	**19,200**	**3,530**	**9,010**	74.4	**2,090**	**3,820**	10.7	--
W-2	8/15/2011	**13,400**	**940**	<380	**10,200**	169 J	**1,110**	**1,180**	19.5 J	--
W-2	3/1/2012	**57,500**	**1,900**	<380	**18,500**	--	**5,330**	**3,050**	--	--
W-2	8/29/2012	**21,900** [10]	**1,500**	<380	**9,590**	406	**2,070**	**1,740**	12.6	--
W-2	2/4/2013	**16,800**	**3,200**	<440	**10,200**	116	**2,050**	**1,500**	<50.0	--
W-2	8/13/2013	**21,300**	**3,400**	**540**	**10,100**	70.4 J	**1,720**	766	<50.0	--
W-2	2/12/2014	**27,100**	**2,700**	450	**6,730**	89.6	**2,330**	**1,070**	<25.0	--
W-3	4/14/1993	**91,000**	--	--	**2,000**	**4,800**	**2,700**	**15,000**	--	--
W-3	12/15/1993	**45,000**	--	--	**670**	**1,300**	580	**8,300**	--	--
W-3	11/4/1994	**39,000**	--	--	**520**	**190**	630	**5,100**	--	--
W-3	9/17/1997	**105,000**	**15,000**	<500	**2,820**	**8,730**	**1,570**	**11,500**	--	--
W-3	4/29/1998	**54,000**	**18,000**	<5,000	**920**	850	**2,000**	**10,000**	--	--
W-3	7/30/1999	**48,000**	**48,000**	<10,000	**2,900**	**1,900**	**1,800**	**6,900**	--	--
W-3	5/23/2000	**34,000**	**19,000**	<10,000	**910**	180	**1,400**	**4,900**	--	--
W-3	5/22/2001	**19,000**	**28,000**	<10,000	**890**	36	**1,100**	**2,200**	--	--
W-3	6/4/2002	**17,000**	**36,000**	<4,800	**1,900**	45	640	**2,300**	--	--
W-3	11/26/2002	**14,100**	4.89	0.500	**455**	156	463	**1,570**	--	--
W-3	5/28/2003	**16,000**	**55,000**	<4,800	**500**	32	600	740	--	--
W-3	6/16/2004	**LPH Encountered**								
W-3	6/21/2005	**9,100**	**10,000**	<980	**790**	15	470	490	--	--
W-3	6/6/2006	**13,400**	**3,090**	153u	**1,880**	25.1	640	821	--	--
W-3	10/24/2006	**12,200**	**2,300**	<35.2	**933**	21.3	293	638	--	--
W-3 (DUP)	10/24/2006	**9,520**	**2,050**	<36.9	**877**	18.3	301	535	--	--
W-3	3/14/2007	**9,370**	**2,200**	<185	**687**	18.9	286	446	--	--
W-3	9/12/2007	**9,180**	**2,940**	40.0J	**614**	13.1	397	437	--	--
W-3	6/4/2008	**13,000**	**2,210**	46.9J	**727**	149	576	724	--	--
W-3 (DUP)	6/4/2008	**12,400**	**1,980**	42.2J	**753**	230	519	686	--	--
W-3	8/26/2008	**14,600** [1]	**3,240** [1,3]	46.8 [1]	**763** [1]	176	564	**1,450** [1]	0.42 [1]	74.4 [1]
W-3	3/25/2010	67.9	<76.9	<385	3.1	<1.0	5.0	<3.0	<1.0	<250
W-3 (DUP)	3/25/2010	322	<76.9	<385	**11.3**	<1.0	33.3	5.5	<1.0	<250
W-3 (DUP)	3/25/2010	272	<78.4	<392	**11.9**	<1.0	34.3	5.6	<1.0	<250
W-3	8/27/2010	**Insufficient Groundwater to Sample**								
W-4	4/14/1993	**130,000**	--	--	**2,600**	**7,800**	**2,800**	**20,000**	--	--
W-4	12/15/1993	**180,000**	--	--	**3,200**	**2,700**	**11,000**	**18,000**	--	--
W-4	9/17/1997	**114,000**	**276,000**	<500	**1,750**	<100	**1,480**	**8,490**	--	--
W-4	4/29/1998	**84,000**	**250,000**	<20,000	**2,400**	120	**1,600**	**8,000**	--	--
W-4	7/30/1999	**53,000**	**42,000**	<10,000	**2,100**	100	**1,900**	**6,300**	--	--
W-4	5/23/2001	**LPH Encountered**								
W-4	6/4/2002	**35,000**	**59,000**	**6,800J**	**2,300**	32	**1,800**	**3,500**	--	--
W-4	11/25/2002	**39,900**	19.2	0.648	**1,830**	38.2	**2,550**	**4,220**	--	--
W-4	5/28/2003	**32,000**	**26,000**	**1,600J**	**800**	22	**1,500**	**1,000**	--	--
W-4	6/15/2004	**LPH Encountered**								
W-4	6/21/2005	**23,000**	**110,000**	<19,000	**1,200**	11	**1,400**	200	--	--
W-4	6/6/2006	**9,180**	**4,620**	411	**1,230**	18.4	**1,010**	67.4	--	--
W-4	10/24/2006	**17,200**	**5,570**	<70.5	**1,520**	8.34	**1,490**	18.9	--	--
W-4	3/14/2007	**10,100**	**4,820**	<185	**422**	11.0	456	148	--	--
W-4	9/12/2007	**Insufficient Groundwater to Sample**								
W-4	6/4/2008	**10,600**	**4,870**	110J	**941**	34.3	**714**	58.0	--	--
W-4	8/26/2008	**11,700** [1]	**15,100** [1,4]	**1,810** [1,4]	**1,370** [1]	20.1 [1]	**750** [1]	39.5 [1]	1.21 [1]	74.4 [1]
W-4	3/24/2010	**1,940**	256	<385	**212**	16.3	139	182	<1.0	<250
W-4	8/27/2010	**Insufficient Groundwater to Sample**								
B-1	4/14/1993	**18,000**	--	--	**1,300**	17	**450**	**2,200**	--	--
B-1	12/15/1993	**7,800**	--	--	**590**	76	15	370	--	--
B-1	9/17/1997	475	**9,980**	**25,500**	**84.6**	2.63	6.43	21.8	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
B-1	5/1/1998	560	**5,500**	**13,000**	**300**	10	24	94	--	--
B-1	5/23/2000	**1,800**	**23,000**	**52,000**	**1,000**	14	170	160	--	--
B-1	5/24/2001	**2,800**	**5,500**	**6,300**	**1,300**	25	410	220	--	--
B-1	6/5/2002	86J	**17,000**	**29,000**	**37**	0.66J	6.6	6.9	--	--
B-1	5/29/2003	**1,100J**	**4,700**	**8,300**	**760**	26	180	65	--	--
B-1	6/15/2004	**1,600**	**8,700**	**18,000**	**890**	10	180	110	--	--
B-1	6/20/2005	550J	**2,700J**	**5,300J**	**540**	5.5	79	45	--	--
B-1	6/6/2006	**3,300j**	**1,570**	**553**	**602**	5.87	137	43.9	--	--
B-1	10/24/2006	**3,770**	**884**	**800**	**363**	6.65	113	26.8	--	--
B-1	3/14/2007	**2,420**	**1,720**	<185	**118**	4.35	188	21.3	--	--
B-1	9/12/2007	**3,610**	--	--	**664**	9.88	155	43.6	--	--
B-1	6/4/2008	**2,570**	**2,990**	**7,770**	**355**	3.54	54.7	37.3	--	--
B-1	8/27/2008	**4,330** [1]	-- [1]	-- [1]	**741** [1]	8.4 [1]	75.1 [1]	139 [1]	<0.42 [1]	74.4 [1]
B-1	3/24/2010	**1,580**	105	<381	**297**	8.5	34.3	41.1	<1.0	<250
B-1	8/27/2010					**Unable to Purge**				
B-1	5/18/2011	**903 J**	120	<380	**311 J**	6.6 J	18.9 J	23.8 J	<1.0 J	--
B-1	8/17/2011	576	<76	<380	**591**	5.4	4.5	32	<1.0	--
B-1	2/22/2012	**1,200**	200	440	**82.2**	3.1	19.3	10.9	<1.0	--
B-1	5/9/2012	**1,480**	130	<380	**18.5**	<1.0	1	<3.0	<1.0	--
B-1	8/23/2012	606	330	**890**	**759**	5.6	6.3	26.9	<1.0	--
B-1	11/6/2012	**2,140**	190	140	**257**	<5.0	6.7	<15.0	<5.0	--
B-1	1/29/2013	310	**1,700**	<480	**13.9**	<1.0	3.2	<3.0	<1.0	--
B-1	4/30/2013	<100	<200	<200	**8.3**	<1.0	<1.0	<3.0	<1.0	--
B-1	8/13/2013	307	**2,500**	**2,800**	**283**	1.7 J	1.4	5.3	<1.0	--
B-1	11/19/2013	196 J	<400	<400	**56.8**	2.4	3.7	<6.0	<2.0	--
B-1	2/5/2014	226 J	<400	<400	**127**	<2.0	2.1	<6.0	<2.0	--
B-1	5/6/2014	<50	<50	<29	2.2	<0.22	<0.33	<0.81	<0.34	--
B-2	9/18/1997	**1,980,000**	**74,200**	**7,890**	**11,200**	**10,600**	**1,310**	**22,200**	--	--
B-2	4/29/1998	**83,000**	**19,000**	**4,300**	**16,000**	**13,000**	600	**11,000**	--	--
B-2	7/30/1999	**66,000**	**18,000**	<2.0	**11,000**	**7,900**	**700**	**9,700**	--	--
B-2	5/23/2000	**59,000**	**32,000**	<5.0	**16,000**	**6,200**	670	**9,300**	--	--
B-2	5/24/2001					**LPH Encountered**				
B-2	6/5/2002					**LPH Encountered**				
B-2	11/25/2002	**60,500**	13.2	<0.5	**9,850**	**1,780**	**1,280**	**9,220**		
B-2	5/29/2003	**59,000**	**36,000**	**2,700J**	**8,800**	**2,200**	**900**	**9,600**	--	--
B-2	6/15/2004	**57,000**	**68,000**	<9,700	**8,700**	510	**1,300**	**8,700**	--	--
B-2	6/20/2005					**LPH Encountered**				
B-2	6/6/2006					**LPH Encountered**				
B-2	10/23/2006	**47,000**	**10,700**	<180	**7,120**	179	289	**5,280**	--	--
B-2	3/14/2007	**40,700**	**11,900**	<370	**7,740**	138	280	**6,150**	--	--
B-2	9/11/2007	**35,600**	**8,190**	<103	**7,760**	71.1	635	**4,670**	--	--
B-2	6/4/2008	**30,300**	**5,450**	369J	**5,980**	45.8	539	**3,240**	--	--
B-2	8/27/2008	**22,200** [1]	**4,820** [1,3]	<100 [1,7]	**4,280** [1]	47.8 [1]	243 [1]	**2,270** [1]	4.1 [1]	<74.4 [1]
B-2 (DUP)	8/27/2008	**22,100**	**3,340**	129J	**4,030**	42.2	277	**2,360**	--	--
B-2	3/24/2010	**32,000**	**2,430**	<385	**5,190**	33.8	203	**2,810**	6.3	<250
B-2	8/27/2010	**12,300**	**3,240**	<396	**5,250 E**	47.4	284	**2,110**	10.2	<250
B-2	2/10/2011	**13,800**	**3200J**	<377	**5,010**	29	269	**1,450**	9	--
B-2	5/18/2011	**16,500**	--	--	**4,830**	27.8	258	**1,000**	17.3	--
B-2	8/16/2011	**16,900 J**	**1,300**	<380	**5,800 J**	25.2	254 J	909 J	16.6	--
B-2	3/1/2012	**11,700**	**1,800**	<380	**1,400**	7.8	78.8	499	4.6	--
B-2	8/27/2012	**9,450** [10]	**1,600**	<380	**6,440**	21.5	306	882	12.4	--
B-2	2/4/2013	**5,150**	**2,400**	<420	**1,420**	<10.0	70.3	222	<10.0	--
B-2	8/21/2013	**9,000**	**3,700**	<420	**7,670 J**	18.5 J	286 J	293 J	14.7 J	--
B-2	2/6/2014	**8,820**	**2,500**	<400	**4,850**	<20.0	216	205	<20.0	--
B-3	5/24/2001					**LPH Encountered**				

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
B-3	6/5/2002					LPH Encountered				
B-3	11/25/2002	--	--	--	--	--	--	--	--	--
B-3	5/27/2003					LPH Encountered				
B-3	6/15/2004					LPH Encountered				
B-3	6/20/2005					LPH Encountered				
B-3	6/6/2006					LPH Encountered				
B-3	10/23/2006					LPH Encountered				
B-3	3/14/2007					LPH Encountered				
B-3	9/11/2007					LPH Encountered				
B-3A	6/4/2008	**200,000**	**8,410**	275J	**40,800**	**38,800**	**2,840**	**16,400**	--	--
B-3A	8/27/2008	**171,000** [1]	**11,200** [1,3]	**790** [1]	**47,500** [1]	**34,000** [1]	**2,470** [1]	**15,800** [1]	**93.6** [1]	<74.4 [1]
B-3A	3/24/2010	**153,000**	**9,850**	<381	**42,000**	**48,000**	**3,400**	**20,300**	**94.2**	<250
B-3A	8/25/2010					LPH Encountered				
B-3A	5/18/2011	**155,000 J**	**2,300**	<380	**30,300 J**	**29,000 J**	**2,410 J**	**14,900 J**	60 J	--
B-3A	8/15/2011	**117,000**	**1,300**	<380	**41,400**	**29,800**	**2,090**	**11,500**	**70 J**	--
B-3A	2/28/2012	**153,000 J**	**10,000**	**1,600**	**32,900 J**	**33,500**	**4,010 J**	**17,300 J**	**67.2 J**	--
B-3A	8/29/2012	**114,000** [10]	**2,700**	<380	**19,100**	**19,800**	**2,030**	**12,100**	**63.5**	--
B-3A	2/4/2013	**141,000**	**5,500**	<420	**32,400**	**32,100**	**2,260**	**14,800**	<100	--
B-3A	8/13/2013	**175,000**	10,000	**890**	**23,200**	**19,400**	**1,730**	**11,200**	<200	--
B-3A	2/5/2014	**200,000**	**3,200**	<400	**28,400**	**28,300**	**2,790**	**18,400**	<50.0	--
B-3A	11/18/2016	**88,200**	**9,500**	<380	**30,600**	**7,000**	**2,700**	**18,500**	--	--
B-3A	5/25/2017	**108,000**	**5,900**	<400	**28,600**	**2,980**	**2,760**	**20,500**	--	--
B-3A	12/14/2017	**71,000**	**14,400 J**	<400 J	**11,100**	326	**751**	**19,100**	--	--
B-3A	3/1/2018	**81,300**	**31,200**	**700**	**6,140**	247	**727**	**15,000**	--	--
B-4	9/18/1997	**1,170,000**	**99,600**	<20,500	**2,590**	**8,520**	**4,340**	**26,600**	--	--
B-4	7/29/1999	**70,000**	**90,000**	<20,000	**1,800**	**1,600**	**2,300**	**13,000**	--	--
B-4	5/23/2000	**76,000**	**51,000**	<20,000	**1,500**	**3,500**	**2,600**	**13,000**	--	--
B-4	5/23/2001	**52,000**	**49,000**	<20,000	**600**	**2,300**	**2,500**	**10,000**	--	--
B-4	6/5/2002					LPH Encountered				
B-4	11/25/2002	**41,700**	5.46	<0.5	**519**	295	**2,180**	**10,500**	--	--
B-4	5/29/2003	**38,000**	**34,000**	**5,200J**	**280**	570	**1,400**	**5,900**	--	--
B-4	6/15/2004					LPH Encountered				
B-4	6/20/2005					LPH Encountered				
B-4	6/6/2006					LPH Encountered				
B-4	10/23/2006					LPH Encountered				
B-4	3/14/2007					LPH Encountered				
B-4	9/11/2007	**22,100**	**3,460**	48.5J	**543**	67.9	**1,520**	**3,640**	--	--
B-4	6/3/2008	**30,200**	**3,560**	217	**336**	258	**1,260**	**4,590**	--	--
B-4	8/27/2008	**25,200** [1]	**3,450** [1,3]	199 [1]	**604** [1]	192 [1]	**1,130** [1]	**4,630** [1]	<0.42 [1]	<74.4 [1]
B-4	3/22/2010					LPH Encountered				
B-4	8/25/2010					LPH Encountered				
B-4	5/18/2011	**33,100**	**3,900**	520	**357**	164	**1450**	**2,270**	<1.0	--
B-4	8/16/2011	**19,800**	**7,000**	**670**	**397**	114	**1,060**	**1,440**	<1.0	--
B-4	2/23/2012	**7,310**	**1,500**	<380	**159**	10.9	169	544	<1.0	--
B-4	8/29/2012	**14,600** [10]	**1,300**	<400	**240**	80.2	470	**1,230**	<1.0	--
B-4 (DUP)	8/29/2012	**14,500** [10]	**7,400**	**1,400**	**226**	54.6	423	**1,090**	<1.0	--
B-4	2/4/2013	**9,210**	**5,800**	430	**322**	17.6	470	363	<5.0	--
B-4	8/21/2013	**19,300**	**5,500**	450	**466 J**	51 J	**1,010 J**	**1,510 J**	<5.0 J	--
B-4	2/11/2014	**17,200**	**3,800**	<400	**110 J**	8.6 J	218 J	229 J	<1.0	--
B-4	11/17/2016	**7,270**	**7,100**	<360	**213**	<10.0	288	<30.0	--	--
B-4	12/14/2017	**4,600**	**28,500**	**1,200**	**12.5**	1.3	117	6.3	--	--
B-4	3/1/2018	**2,780**	**13,500**	**540**	**34.5**	<1.0	90.7	5.3	--	--
B-4	8/29/2018	**4,870**	**10,600**	**810**	**133**	5.4	164	6.7	--	--
B-5	9/17/1997	**38,900**	**28,100**	**8,980**	**2,810**	**3,750**	631	**5,180**	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
B-5	4/29/1998	**28,000**	**81,000**	**17,000**	**1,600**	**1,100**	460	**4,600**	--	--
B-5	7/29/1999	**21,000**	**18,000**	<2,000	**1,200**	240	330	**2,600**	--	--
B-5	5/23/2000	**11,000**	**15,000**	**4,000J**	**690**	59	230	960	--	--
B-5	5/23/2001	**10,000**	**13,000**	**3,500J**	**2,000**	120	320	**2,100**	--	--
B-5	6/5/2002	**4,300**	**16,000**	**4,800J**	**940**	23	230	560	--	--
B-5	11/25/2002	**2,270**	1.06	<0.5	**126**	4.31	37.4	67.4	--	--
B-5	5/29/2003	**3,300**	**4,300**	**1,600J**	**440**	26	260	260	--	--
B-5	6/15/2004	**2,600**	**100,000**	**25,000**	**830**	23	110	310	--	--
B-5	6/22/2005	**980J**	**36,000**	**17,000J**	**630**	6.7	70	140	--	--
B-5	6/6/2006	**4,540j**	**2,860**	271u	**944**	14.4	214	507	--	--
B-5	10/23/2006	**9,010**	**6,440**	**605**	**1,950**	23.8	372	904	--	--
B-5	3/14/2007	**11,000**	**3,100**	339	**1,790**	21.4	494	909	--	--
B-5 (DUP)	3/14/2007	**10,500**	**3,500**	475	**1,920**	21.5	497	914	--	--
B-5	9/11/07	**2,740**	**5,580**	**1,530**	**689**	9.89	72.2	191	--	--
B-5	6/3/2008	**12,400**	**2,640**	**648**	**2,480**	24.8	311	656	--	--
B-5	8/27/2008	**6,990** [1]	**5,700** [1,4]	**909** [1]	**1,330** [1]	14.2 [1]	103 [1]	180 [1]	<0.42 [1]	<74.4 [1]
B-5	3/24/2010	**8,510**	**2,260**	<381	**1,740**	34.3	**1,720**	530	1.8	<250
B-5	8/25/2010	**LPH Encountered**								
B-5	8/16/2011	**10,400**	**7,300**	**850**	**1,240**	21.1	**815**	171	<1.0	--
B-5	2/29/2012	**17,700**	**20,000**	**1,700**	**2,720**	23.3	**1,440**	261	<1.0	--
B-5	9/5/2012	**9,590** [10]	**22,200**	**1,700**	**772**	7.3	149	71.4	<1.0	--
B-5	2/4/2013	**4,480**	**2,100**	<440	**596**	<5.0	72	19.1	<5.0	--
B-5	8/21/2013	**4,520**	**4,800**	**630**	**318 J**	<5.0 J	67.1 J	<15.0 J	<5.0 J	--
B-5	2/6/2014	**4,850**	**7,900**	**1,000**	**442**	<5.0	88	<15.0	<5.0	--
B-6	5/17/1996	--	--	**1,230**	**6.86**	6.6	2.19	13.1	--	--
B-6	9/17/1997	**194,000**	**102,000**	**61,700**	**2,850**	**7,070**	**1,270**	**7,860**	--	--
B-6	4/29/1998	**160,000**	**51,000**	**6,900**	**7,500**	**16,000**	**2,600**	**18,000**	--	--
B-6	7/29/1999	**97,000**	**23,000**	<10,000	**8,300**	**13,000**	**2,200**	**13,000**	--	--
B-6	5/24/2001	**69,000**	**44,000**	**25,000**	**6,900**	**4,300**	**980**	**7,200**	--	--
B-6	6/5/2002	**LPH Encountered**								
B-6	11/26/2002	**43,000**	5.31	2.51	**5,230**	**5,410**	525	**5,460**	--	--
B-6 (DUP)	11/26/2002	**43,500**	7.04	3.63	**4,850**	**5,010**	464	**5,430**	--	--
B-6	5/29/2003	**35,000**	**7,700**	**4,500J**	**4,600**	**4,000**	450	**4,800**	--	--
B-6	6/15/2004	**48,000**	**210,000**	**100,000**	**5,900**	**8,500**	**760**	**6,400**	--	--
B-6	6/22/2005	**22,000**	**100,000**	**45,000**	**3,800**	**3,600**	200	**2,200**	--	--
B-6	6/6/2006	**33,500**	**5,420**	**528**	**2,540**	**4,560**	664	**4,590**	--	--
B-6	10/23/2006	**37,400**	**7,050**	371J	**2,660**	**5,280**	566	**4,650**	--	--
B-6	3/14/2007	**41,200**	**4,740**	**532**	**1,780**	**5,230**	603	**7,220**	--	--
B-6	9/11/2007	**38,900**	**6,270**	**1,030**	**2,560**	**3,370**	494	**5,460**	--	--
B-6	6/4/2008	**52,000**	**7,350**	**4,460**	**5,320**	**8,210**	483	**7,740**	--	--
B-6	8/27/2008	**37,600** [1]	**14,800** [1,3]	**17,400** [1,2]	**3,670** [1]	**6,140** [1]	604 [1]	**4,820** [1]	0.77 [1]	<74.4 [1]
B-6	3/23/2010	**60,000**	**1,380**	<381	**8,200**	**10,200**	**1,300**	**10,600**	4.1	<250
B-6	8/27/2010	**49,400**	**2,710**	**528**	**4,800**	**7,280**	**1,140**	**8,490**	<1.0	<250
B-6	2/10/2011	**63,900**	**3,050**	**1,020**	**2,310**	**4,700**	**717**	**6,410**	<1.0	--
B-6	5/24/2011	**78,000**	**1,500**	<390	**6,000**	**9,030**	**1,900**	**10,800**	<1.0	--
B-6	8/15/2011	**38,100**	**3,000**	**1,800**	**6,280 J**	**5,830 J**	**740 J**	**4,580 J**	3	--
B-6	11/23/2011	**61,100**	**3,100**	**1,400**	**1,300**	**3,560**	**1,430**	**9,180**	<1.0	--
B-6	2/29/2012	**45,200**	**1,700**	**850**	**7,120**	**10,400**	**1,830**	**13,500**	<1.0	--
B-6	5/10/2012	**39,600**	**2,500**	**810**	**4,250**	**5,190**	670	**8,410**	<50.0	--
B-6	8/27/2012	**39,200** [10]	**1,500**	430	**5,080**	**4,060**	671	**7,380**	2.1	--
B-6	11/16/2012	**28,300**	**6,600**	**2,000**	**1,930**	924	201	**6,340**	<20	--
B-6	2/7/2013	**29,600**	**7,800**	<450	**1,900**	**1,080**	224	**6,000**	<20.0	--
B-6	4/30/2013	**28,000**	**510**	<200	**2,150**	**1,550**	302	**6,570**	<25.0	--
B-6	8/20/2013	**19,900**	**2,600**	**910**	**1,900**	359	171	**3,970**	<10.0	--
B-6 (DUP)	8/20/2013	**19,500**	**2,000**	**640 J**	**1,770**	356	133	**3,690**	<20.0	--
B-6	11/19/2013	**30,400**	**1,300**	<400	**6,490 J**	**1,920**	319	**5,820**	<10.0	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			*PRIMARY VOCs*				*OXYGENATES*	
Sample Location	*Date*	*TPHg*	*TPHd*	*TPHo*	*B*	*T*	*E*	*X*	*MTBE*	*Ethanol*
MTCA Method A Screening Levels:		***800***	***500***	***500***	***5***	***1,000***	***700***	***1,000***	***20***	***--***
B-6	2/11/2014	**28,600**	**1,100**	440	**3,390**	**1,740**	298	**5,770**	<10.0	--
B-6	5/1/2014	**26,800**	**1,200**	**2,200**	**3,590**	**1,280**	321	**5,630**	<1.7	--
B-6	11/17/2016	**28,800**	**2,900**	**1,200**	**6,790**	59.7	**1,440**	**4,770**	--	--
B-6	5/25/2017	**16,000**	**1,700**	**530**	**3,690**	19.5	**816**	**2,280**	--	--
B-6	12/14/2017	**2,540**	**2,000**	470	**414**	<5.0	111	83.7	--	--
B-6	3/1/2018	**2,230**	**1,400**	<390	**289**	3.1	119	111	--	--
B-6	8/29/2018	**4,480**	**4,600**	**1,500**	**886**	9.5	242	77.1	--	--
D-1	4/14/1993	190	--	--	**200**	0.62	13	1.2	--	--
D-1	12/15/1993	83	--	--	**7.1**	<0.50	<0.50	1.3	--	--
D-1	11/4/1994	52	--	--	2	<0.50	<0.50	<1.0	--	--
D-1					**Undocumented - Well Was Abandoned**					
D-1	11/26/2002	185	0.434	1.01	<0.5	1.12	<0.5	2.16	--	--
D-1R	11/17/2011	192	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	2/21/2012	436	77	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	5/11/2012	176	130	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	8/31/2012	224	80	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	11/9/2012	<100	<130	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	2/1/2013	220	<450	<450	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	4/30/2013	262	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	8/20/2013	226	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	11/19/2013	199	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	2/7/2014	388	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	5/1/2014	460	<48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
D-1R	8/12/2014	324	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	11/25/2014	196	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R (DUP)	11/25/2014	196	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	2/13/2015	341	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-1R	11/16/2016	319	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
D-1R	2/16/2017	279	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
D-1R	5/24/2017	541	<530	<530	<1.0	<1.0	<1.0	<3.0	--	--
D-1R	9/28/2017	683	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
D-1R	12/14/2017	593	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
D-1R	3/1/2018	690 J	450	<370	<1.0 J	<1.0 J	<1.0 J	<3.0 J	--	--
D-1R	6/27/2018	**818**	**630**	<420	<1.0	<1.0	<1.0	<3.0	--	--
D-1R	8/28/2018	651	470	<390	<1.0	<1.0	<1.0	<3.0	--	--
D-1R	12/19/2018	539	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
D-1R (DUP)	12/19/2018	585	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
D-1R	3/14/2019	778	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
D-1R	9/25/2019	345	<417	<417	<1.0	<1.0	<1.0	<3.0	--	--
D-1R	2/26/2020	565	<435 J	<435 J	<1.0	<1.0	<1.0	<3.0	--	--
D-1R	9/17/2020	268	<385	<385	<1.00	<1.00	<1.00	<3.00	--	--
D-1R	3/18/2021	534	<392 J	<392 J	<1.00	<1.00	<1.00	<3.00	--	--
D-1R	9/16/2021	300	340	<94	<0.50	<1.0	<1.0	<2.0	--	--
D-1R	3/4/2022	340	310	<94	<0.50	<1.0	<1.0	<2.0	--	--
D-1R (DUP)	3/4/2022	340	290	<96	<0.50	<1.0	<1.0	<2.0	--	--
D-1R	8/31/2022	400	230	<94	<0.50	<1.0	<1.0	<2.0	--	--
D-2	11/4/1994	<50	--	--	3.0	<0.50	<0.50	<1.0	--	--
D-2					**Undocumented - Well Was Abandoned**					
D-4	11/4/1994	450	--	--	<0.50	2.1	0.78	4.7	--	--
D-4	6/21/2005				**Insufficient Groundwater to Sample**					
D-4	6/7/2006	101	**2,760**	**2,840**	<0.290	<0.280	<0.340	<0.820	--	--
D-4	3/15/2007	92.3J	--	--	0.430J	0.460J	0.430J	0.750J	--	--
D-4	9/11/2007				**Insufficient Groundwater to Sample**					

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
D-4	6/2/2008				Insufficient Groundwater to Sample					
D-4	8/26/2008	76.2 [1]	268 [1,5]	441 [1,5]	<0.27 [1]	1.6 [1]	0.58 [1]	1.45 [1]	<0.42 [1]	<74.4 [1]
D-4	3/23/2010				Insufficient Groundwater to Sample					
D-4	8/25/2010				Insufficient Groundwater to Sample					
D-4	5/26/2011	<50.0	**1,400**	**1,800**	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-4R	11/15/2011	<50.0 J	<76	<380	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
D-4R	2/22/2012	<50.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-4R	5/9/2012	<100	110	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-4R	8/23/2012	<50.0	<79	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-4R	11/6/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-4R	1/29/2013	<100	<450	<450	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-4R (DUP)	1/29/2013	<100	<450	<450	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-4R	4/29/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-4R	8/13/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-4R	11/18/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-4R	2/4/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-4R	4/28/2014	129	48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
D-4R	11/16/2016	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
D-4R	2/16/2017	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
D-4R	5/24/2017	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
D-4R	9/27/2017	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
D-4R	12/13/2017	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
D-4R	3/1/2018	<100	<370	<370	<1.0	<1.0	<1.0	<3.0	--	--
D-4R	6/27/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
D-4R	8/29/2018	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
D-4R	12/19/2018	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
D-5	12/15/1993	260	--	--	**14**	<0.50	1.7	2.1	--	--
D-5	11/4/1994	170	--	--	**15**	3	<0.50	4	--	--
D-5	9/11/2007				Insufficient Groundwater to Sample					
D-5	6/2/2008				Insufficient Groundwater to Sample					
D-5	8/25/2008				Insufficient Groundwater to Sample					
D-5	3/23/2010				Insufficient Groundwater to Sample					
D-5	8/25/2010				Insufficient Groundwater to Sample					
D-5R	11/15/2011	160	<77	<380	1	1.4	<1.0	4.6	<1.0	--
D-5R	2/22/2012	74.4 J	<77	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-5R	5/9/2012	380	96	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-5R	8/23/2012	55.2	<82	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-5R	11/6/2012	427	<110	<110	<1.0	<1.0	<1.0	1.0	<1.0	--
D-5R	1/29/2013	128	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-5R	4/29/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-5R	8/13/2013	103	<410	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-5R	11/18/2013	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-5R (DUP)	11/18/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-5R	2/4/2014	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	--
D-5R	4/28/2014	<50	48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
D-5R	11/17/2016	136	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
D-5R	11/17/2016	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	--	--
D-5R	2/16/2017	<100	<360	<360	**8.2**	<1.0	<1.0	<3.0	--	--
D-5R	5/24/2017	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	--	--
D-5R	9/27/2017	253	<410	<410	<1.0 J	<1.0 J	<1.0 J	<3.0 J	--	--
D-5R	12/13/2017	191	<480	<480	<1.0	<1.0	<1.0	<3.0	--	--
D-5R	2/28/2018	<100	<380	<380	<1.0 J	<1.0 J	<1.0 J	<3.0 J	--	--
D-5R	6/27/2018	149	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
D-5R (DUP)	6/27/2018	142	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
D-5R	8/29/2018	306	<390	<390	<1.0	<1.0	<1.0	4.1	--	--
D-5R (DUP)	8/29/2018	296	<440	<440	<1.0	<1.0	<1.0	4.2	--	--
D-5R	12/18/2018	168	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
D-6	4/30/1998	<50	**14,000**	**86,000**	**11**	2	0.2	1.4	--	--
D-6	5/23/2000	59J	**<2,000**	<5,000	**200**	5.6	1.0J	3.6	--	--
D-6	5/23/2001	10J	**1,400**	**3,800**	**200**	9.1	4.2	5.2	--	--
D-6	6/5/2002	87J	**900**	**2,600**	**120**	9.6	2.3	5.8	--	--
D-6	11/26/2002	385	<0.25	<0.5	**121**	10.7	1.20	5.59	--	--
D-6	5/27/2003	<48	**7,600J**	**37,000**	**7.2**	1.1	0.3J	0.9J	--	--
D-6	6/15/2004	59J	**1,300J**	**5,800**	**78.0**	4.3	1.7	3.6	--	--
D-6	6/22/2005	160J	**3,700**	**4,000J**	**130**	14.0	2.5	8.4	--	--
D-6	6/7/2006	342	**1,580**	**1,050**	**22.2**	0.960J	0.580J	<0.820	--	--
D-6	10/23/2006	445	**1,490**	**4,160**	**111**	19.0	4.97	22.7	--	--
D-6	3/14/2007	487	**792**	**604**	**150**	3.32	2.24	3.12	--	--
D-6	9/11/2007	425	--	--	**160**	6.32	2.56	5.78	--	--
D-6	6/3/2008	497	391	**520**	**100**	2.38	0.620J	1.64J	--	--
D-6	8/27/2008	559 [1]	**1,840** [1,2]	**4,810** [1,3]	**145** [1,6]	4.09 [1]	1.65 [1]	3.62 [1]	0.6 [1]	<74.4 [1]
D-6	3/23/2010	<79.5	<76.2	<381	**268**	4.3	1.8	<3.0	<1.0	<250
D-6	8/27/2010	71.4	<78.4	<392	**144**	4.1	1.6	<3.0	<1.0	<250
D-6	2/10/2011	50	89.1	<385	**91**	1.8	<1.0	<3.0	<1.0	--
D-6	5/25/2011	<50.0	250	**1,300**	**13**	<1.0	<1.0	<3.0	<1.0	--
D-6	8/16/2011	<50.0	<76	<380	**42.5**	1.2	<1.0	<3.0	<1.0	--
D-6	11/22/2011	<50.0	<76	<380	**29.5**	<1.0	<1.0	<3.0	<1.0	--
D-6	3/1/2012	<50.0	<77	<380	**21.9**	<1.0	<1.0	<3.0	<1.0	--
D-6	5/10/2012	139	95	<380	**28.2**	<1.0	<1.0	<3.0	<1.0	--
D-6 (DUP)	5/10/2012	141	<120	<620	**25.3**	<1.0	<1.0	<3.0	<1.0	--
D-6	8/27/2012	75.2	<84	<420	**17.0**	2.1	1.4	8.8	<1.0	--
D-6	11/12/2012	<100	<110	<110	**14.3J**	<1.0	<1.0	<3.0	<1.0	--
D-6 (DUP)	11/12/2012	<100	<120	<120	**15.3**	<1.0	<1.0	<3.0	<1.0	--
D-6	2/1/2013	<100	<420	<420	2.5	<1.0	<1.0	<3.0	<1.0	--
D-6	8/20/2013	<100	<420	<420	**7.1**	<1.0	<1.0	<3.0	<1.0	--
D-6	11/19/2013	<100	<400	<400	4.9	<1.0	<1.0	<3.0	<1.0	--
D-6	2/11/2014	<100	<400	**530**	1.7	<1.0	<1.0	<3.0	<1.0	--
D-6	5/1/2014	<50	<52	**890**	1.6	<0.11	<0.16	<0.40	<0.17	--
D-7	4/14/1993	77	--	--	**1,300**	21	**420**	**2,200**	--	--
D-7	11/4/1994	210	--	--	**88**	2.1	4.7	13	--	--
D-7	9/17/1997	453	**7,990**	**22,400**	**150**	13.5	7.04	35.5	--	--
D-7	4/30/1998	170	**3,300**	**6,200**	**63**	5.0	0.9	7	--	--
D-7	5/23/2000	120J	**4,600J**	**19,000**	**480**	7.2	1.6	13	--	--
D-7	5/23/2001	130J	**4,100J**	**17,000**	**410**	8.7	1.6	18	--	--
D-7	6/4/2002	70J	**9,300**	**31,000**	**180**	6.7	0.72J	8.1	--	--
D-7	11/26/2002	<50	0.435	1.26	2.82	0.614	<0.5	1.12	--	--
D-7	6/15/2004	88J	**15,000**	**51,000**	**190**	18.0	0.5J	3.8	--	--
D-7	6/22/2005	140J	**11,000**	**36,000**	**83**	5.7	0.9J	9.0	--	--
D-7	6/7/2006	281	**3,760**	**9,490**	**70.4**	2.94	<0.340	<0.820	--	--
D-7	10/24/2006	56.2Ju	**913J**	**37,200**	**6.98**	0.630J	<0.230	<0.440	--	--
D-7	3/14/2007	76.3J	**762**	**2,830**	**5.57**	0.580 J	<0.420	<0.450	--	--
D-7	9/12/2007	70.7J	**897**	**3,130**	**10.6**	1.39	<0.420	<0.450	--	--
D-7	6/3/2008	452	**1,760**	**3,220**	**33.4**	0.470J	<0.240	2.33J	--	--
D-7	8/27/2008	762 [1]	-- [1]	-- [1]	**96.6** [1]	4.96 [1]	1.04 [1]	7.08 [1]	<0.42 [1]	<74.4 [1]
D-7	3/23/2010	176	<76.2	<381	**278**	5.4	1.1	10.3	<1.0	<250
D-7	8/27/2010	84.2	--	--	**156**	1.1	<1.0	6.8	<1.0	<250
D-7	2/9/2011	65.7	**554**	**3,470**	**20.2**	2	<1.0	<3.0	<1.0	--
D-7	8/16/2011	<50.0	200	**1,500**	**75**	<1.0	<1.0	<3.0	<1.0	--
D-7	2/22/2012	<50.0	<77	<380	3.1	<1.0	<1.0	<3.0	<1.0	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
D-7	8/27/2012	109	**2,100**	**10,600**	**150**	3.6	2.0	12.8	<1.0	--
D-7	2/1/2013	<100	<450	<450	**60.1**	1.1	<1.0	3.2	<1.0	--
D-7	8/20/2013	<100	**880**	**570**	**142**	2.6 J	<1.0	<3.0	<1.0	--
D-7	2/6/2014	116 J	**3,800**	**24,900**	**260**	4.7	<2.0	8.7	<2.0	--
HA-1	4/14/1993	80	--	--	<0.50	<0.50	<0.50	<1.0	--	--
HA-1	12/15/1993	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
HA-1	11/4/1994	<50	--	--	<0.50	1.3	0.61	2.2	--	--
HA-1	9/17/1997	<50	<250	<500	<0.50	<0.50	<0.50	<1.0	--	--
HA-1	4/29/1998	<50	110	**540**	<0.20	0.4	<0.20	1.2	--	--
HA-1	5/24/2000	100J	320	370J	0.29J	<0.20	0.71J	2.4J	--	--
HA-1	5/23/2001	<48	<80	<200	<0.2	<0.2	<0.2	<0.60	--	--
HA-1	6/4/2002	<48	<77	<97	<0.20	0.35J	<0.20	<0.60	--	--
HA-1	11/26/2002	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
HA-1	6/15/2004	<48	<80	<100	<0.2	<0.2	<0.2	<0.6	--	--
HA-1	6/22/2005	<48	<77	<97	<0.2	<0.2	<0.2	<0.6	--	--
HA-1	6/7/2006	<40	<35.8	92.7J	<0.290	<0.280	<0.340	<0.820	--	--
HA-1 (DUP)	6/7/2006	<40	<36.2	125	<0.290	<0.280	<0.340	<0.820	--	--
HA-1	10/24/2006	10.9Ju	**877**	**1,090**	<0.310	<0.220	<0.230	<0.440	--	--
HA-1	3/14/2007	47.8J	48.3J	<35.6	0.400J	0.700J	<0.420	1.76J	--	--
HA-1	9/12/2007	<43.0	<19.6	27.2J	0.520J	<0.420	<0.420	1.17J	--	--
HA-1	6/3/2008	<43.0	<19.0	25.9J	<0.270	<0.280	<0.240	<0.860	--	--
HA-1	8/26/2008	<43 [1]	48.6 [1]	62.3 [1]	0.58 [1]	<0.28 [1]	<0.24 [1]	1.14 [1]	<0.42 [1]	75.2 [1]
HA-1	3/23/2010	<50.0	<75.8	<379	<1.0	<1.0	<1.0	<3.0	<1.0	<250
HA-1	8/27/2010	**858**	--	--	**44.6**	41.8	16.1	150	<1.0	<250
HA-1	2/9/2011	<50.0	<75.5	<377	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-1	5/18/2011	<50.0 J	<75.5	<380	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
HA-1	8/17/2011	<50.0	<160	<820	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-1	2/28/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-1	5/15/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-1	8/31/2012	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-1	11/12/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-1	2/7/2013	<100	<460	<460	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-1	5/2/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-1	8/23/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-1	11/21/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-1	2/12/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-1	5/7/2014	<50	<48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
HA-2	4/14/1993	**160,000**	--	--	**7,900**	**30,000**	**2,900**	**17,000**	--	--
HA-2	12/15/1993	**90,000**	--	--	**1,200**	860	**3,000**	**15,000**	--	--
HA-2	11/4/1994	**1,800,000**	--	--	**1,700**	**13,000**	**8,900**	**57,000**	--	--
HA-2	9/18/1997	**16,500**	**13,500**	<500	**1,820**	648	204	**1,590**	--	--
HA-2	4/30/1998	**65,000**	**12,000**	**3,000**	**9,400**	**11,000**	**1,100**	**7,900**	--	--
HA-2	7/30/1999	**67,000**	**76,000**	<10,000	**10,000**	**8,700**	**1,200**	**10,000**	--	--
HA-2	5/23/2000	**69,000**	**71,000**	<25,000	**12,000**	**7,300**	**1,700**	**11,000**	--	--
HA-2	5/23/2001	**36,000**	**28,000**	<4,000	**8,100**	**2,100**	**910**	**5,200**	--	--
HA-2	6/4/2002	**81,000**	**68,000**	<9,800	**12,000**	**12,000**	**1,700**	**14,000**	--	--
HA-2	5/27/2003	**99,000**	**33,000**	**3,000J**	**9,200**	**5,800**	**1,800**	**14,000**	--	--
HA-2	6/16/2004	**31,000**	**--**	**--**	**5,800**	980	690	**4,500**	--	--
HA-2	6/21/2005	**35,000**	**290,000**	<20,000	**4,700**	**2,700**	440	**4,000**	--	--
HA-2	6/6/2006	**60,200**	**9,720**	313Ju	**7,710**	**5,560**	**874**	**10,200**	--	--
HA-2	10/24/2006	**31,700**	**--**	--	**4,890**	**1,480**	**794**	**5,610**	--	--
HA-2	3/15/2007	**73,600**	**14,900**	**534J**	**9,840**	**8,540**	**1,210**	**14,800**	--	--
HA-2	9/12/2007	**52,000**	--	--	**11,000**	**2,400**	**2,400**	**8,340**	--	--
HA-2	6/4/2008	**81,600**	**6,290**	283J	**8,440**	**5,060**	**2,080**	**11,400**	--	--
HA-2	8/27/2008	**60,400** [1]	-- [1]	-- [1]	**11,600** [1]	**4,810** [1]	**3,100** [1]	**9,480** [1]	<0.42 [1]	<74.4 [1]

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
HA-2	3/25/2010	**55,500**	**4,650**	<385	**10,200**	**2,900**	**3,460**	**16,100**	<1.0	<250
HA-2	8/25/2010	**44,100**	--	--	**8,190**	921	**2,700**	**9,660**	<1.0	<250
HA-2	2/8/2011	**62,000**	**1,720**	<379	**7,130**	**1,560**	**1,980**	**9,990**	<1.0	--
HA-2	5/17/2011	**48,200 J**	**1,400**	<380	**6,710 J**	853 J	**2,090 J**	**8,850 J**	<1.0 J	--
HA-2	8/11/2011	**45,300**	**5,600**	<930	**7,600**	**1,130**	**2,050**	**6,720**	<1.0	--
HA-2	11/18/2011	**3,670**	--	--	**5,980**	905	**1,990**	**4,850**	<1.0	--
HA-2	2/24/2012	**142,000**	**2,800**	<420	**17,500**	**3,600**	**2,250**	**30,700**	<10.0	--
HA-2	5/15/2012	**93,000**	**5,100**	460	**6,490**	**2,780**	**2,230**	**14,000**	<1.0	--
HA-2	8/29/2012	**43,900** [10]	--	--	**6,000**	**1,360**	**2,300**	**6,960**	<1.0	--
HA-2	11/13/2012	**43,200**	**5,100**	**660**	**7,280**	**2,190**	**2,290**	**9,400**	<50.0	--
HA-2	2/7/2013	**63,700**	**5,300**	<430	**5,920**	**2,810**	**2,230**	**13,300**	<50.0	--
HA-2	5/2/2013	**73,700**	**3,400**	470	**5,760**	**2,480**	**2,700**	**15,000**	<50.0	--
HA-2	8/23/2013	**56,400**	**1,700**	<480	**5,210**	**1,040**	**2,210**	**6,670**	<50.0	--
HA-2	11/21/2013	**57,100**	**2,200 J**	<400	**5,440**	**1,010**	**2,460**	**8,710**	<50.0	--
HA-2	2/10/2014	**72,400**	**3,000**	**650**	**5,050**	802	**2,500**	**12,300**	<50.0	--
HA-2	5/2/2014	**67,000**	**1,800**	<29	**4,850**	794	**2,690**	**14,400**	<8.4	--
HA-3	4/14/1993	770	--	--	**73**	12	6.2	**37**	--	--
HA-3	12/15/1993	140	--	--	**19**	0.58	1.5	3.8	--	--
HA-3	11/4/1994	380	--	--	**26**	6.0	2.0	8.7	--	--
HA-3	9/18/1997	<50	**2,350**	**1,280**	<0.50	<0.50	<0.50	<1.0	--	--
HA-3	4/30/1998	310	**1,200**	**1,400**	**84**	9.0	2.0	7.0	--	--
HA-3	5/23/2000	480	**590**	**1,100**	**87**	8.1	2.2	7.4	--	--
HA-3	5/23/2001	330	--	**--**	**37**	0.63J	0.42J	3.5	--	--
HA-3	6/4/2002	480	**5,900**	**710J**	**120**	16.0	4.2	23.0	--	--
HA-3	5/27/2003	<24	--	--	**230**	4.6J	3.8J	8.9J	--	--
HA-3	6/22/2005	63J	--	--	**140**	0.7J	1.4	3.9	--	--
HA-3	6/7/2006	531	**755**	470	**80.8**	6.59	0.620J	0.880J	--	--
HA-3	3/15/2007	**3,400**	**1,050**	**547**	**569**	7.16	6.50	12.4	--	--
HA-3	9/12/2007				**Insufficient Groundwater to Sample**					
HA-3	6/2/2008				**Insufficient Groundwater to Sample**					
HA-3	8/25/2008				**Insufficient Groundwater to Sample**					
HA-3	3/25/2010				**Insufficient Groundwater to Sample**					
HA-3	8/25/2010	383	**--**	--	**569 C0,E**	11.4	13.5	41.6	<1.0	<250
HA-3	2/9/2011	238	**591**	<851	**113**	2.1	2.4	8.3	<1.0	--
HA-3	5/17/2011	145 J	**<480**	<2400	**121 J**	**2.2 J**	2.2 J	7.2 J	<1.0 J	--
HA-3	8/11/2011	124	--	--	**245**	3.2	3.2	6.2	<1.0	--
HA-3	11/18/2011	51.4 J	<120	<590	**20.6 J**	<1.0 J	<1.0 J	3.1 J	<1.0 J	--
HA-3	2/24/2012	<50.0	<83	<420	1.1	<1.0	<1.0	<3.0	<1.0	--
HA-3	5/16/2012	152	<130	<630	**8.8**	3	2.4	16.8	<1.0	--
HA-3	8/29/2012	138	--	--	**111**	10.3	3.7	11.4	<1.0	--
HA-3	11/13/2012	**1,880**	<130	<130	2.0	6.3	<1.0	<3.0	<1.0	--
HA-3	2/7/2013	272	<430	<430	**9.4**	60.2	1.7	9.7	<1.0	--
HA-3	5/2/2013	149	<200	230	**16.8**	19	1.4	6.9	<1.0	--
HA-3	8/23/2013	<200	<400	<400	**201**	7.2 J	<5.0	<15.0	<5.0	--
HA-3	11/21/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-3	2/10/2014	315	<400	<400	4.5 J	5.3 J	10.2 J	67.8 J	<1.0 J	--
HA-3	5/2/2014	149	<50	<29	3.6	<0.22	4.2	24.7	<0.34	--
HA-4	4/14/1993	230	--	--	<0.50	1.7	4.5	12	--	--
HA-4	12/15/1993	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
HA-4	11/4/1994	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
HA-4	9/18/1997	**3,980**	**610**	**797**	**193**	280	68.6	503	--	--
HA-4	4/30/1998	<250	**530**	**1,600**	<1.0	<1.0	<1.0	<3.0	--	--
HA-4	5/23/2000	<48	420J	**1,500**	<0.2	<0.2	<0.2	<0.6	--	--
HA-4	5/23/2001	<48	**550**	**1,900**	<0.2	7.60	<0.2	<0.6	--	--
HA-4	6/4/2002	<48	230J	270J	0.22J	0.33J	<0.2	1.1J	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
HA-4	5/27/2003	<48	410	**720**	<0.2	2.3	<0.2	<0.6	--	--
HA-4	6/16/2004	70J	470	**590J**	<0.2	4.7	<0.2	<0.6	--	--
HA-4	6/22/2005	<48	**560**	**1,000**	<0.2	0.6J	<0.2	1.0J	--	--
HA-4	10/24/2006	275	325	**672**	**60.6**	21.0	2.92	19.2	--	--
HA-4	3/15/2007	66.5J	**519**	155	<0.330	<0.420	<0.420	<0.450	--	--
HA-4	9/12/2007	84.9J	--	--	<0.330	<0.420	<0.420	0.770J	--	--
HA-4	6/4/2008	131	94.0J	204	0.920J	2.95	1.65	7.44	--	--
HA-4	8/26/2008	<43 [1]	188 [1,2]	421 [1,2]	<0.27 [1]	<0.28 [1]	<0.24 [1]	<0.86 [1]	<0.42 [1]	<'74.4 [1]
HA-4	3/25/2010				**Insufficient Groundwater to Sample**					
HA-4	8/25/2010	<50.0	--	--	1.6	<1.0	<1.0	<3.0	<1.0	<250
HA-4	2/8/2011	61.8	114	<404	1.4	1.3	1.8	14.7	<1.0	--
HA-4	5/17/2011	<50.0 J	<77.0	<380	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
HA-4	8/11/2011	<50.0	--	--	--	--	--	--	--	--
HA-4	11/18/2011	<50.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-4	2/24/2012	<50.0	<77	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-4	5/16/2012	215	<85	<430	<1.0	49.7	<1.0	<3.0	<1.0	--
HA-4	8/29/2012	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-4	11/15/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-4	2/7/2013	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-4	5/2/2013	121	<200	210	<1.0	43.7	<1.0	<3.0	<1.0	--
HA-4	8/23/2013	<100	<400	<400	<1.0	3.7 J	<1.0	<3.0	<1.0	--
HA-4	11/21/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-4	2/10/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-4	5/7/2014	963	<28	<48	<0.30	297	<0.33	<0.81	<0.34	--
HA-5	4/14/1993	**3,500**	--	--	**22**	2.2	84	210	--	--
HA-5	12/15/1993	710	--	--	**17**	18	1.2	38	--	--
HA-5	11/4/1994	250	--	--	**14**	1.5	1.6	2.9	--	--
HA-5	9/18/1997	349	**1,790**	**969**	**18.50**	2.45	1.89	6.8	--	--
HA-5	5/1/1998	**950**	**640**	**840**	**15**	3	7	5	--	--
HA-5	7/29/1999	480	240J	<200	**17**	3	0.4J	9	--	--
HA-5	5/23/2000	410	380	**630**	**9.1**	2.6	2	5.5	--	--
HA-5	5/22/2001	480	290	<200	2.5	1.7	0.23J	3.0	--	--
HA-5	6/5/2002	**880**	260	110J	**30.0**	5.3	140	16.0	--	--
HA-5	11/19/2002	223	NA	NA	3.39	5.63	0.581	5.87	--	--
HA-5	11/25/2002	236	<0.25	<0.5	2.94	1.67	<0.5	4.22	--	--
HA-5 (DUP)	11/25/2002	243	<0.25	<0.5	2.78	1.51	<0.5	3.81	--	--
HA-5	1/14/2003	**14,300**	NA	NA	**3,380**	**2,870**	43.6	151	--	--
HA-5	2/24/2003	**65,000**	0.476	<0.5	**8,620**	**17,200**	685	**3,260**	--	--
HA-5	3/25/2003	**54,700**	0.388	<0.5	**6,550**	**14,700**	657	**2,900**	--	--
HA-5	4/18/2003	**66,600**	<0.25	<0.5	**7,550**	**16,800**	**857**	**3,960**	--	--
HA-5	5/28/2003	**21,000**	310	150J	**2,700**	**5,200**	350	**1,700**	--	--
HA-5	8/11/2003	**2,810**	0.512	<0.5	**659**	232	26.7	187	--	--
HA-5	3/15/2004	708	2.38	<0.5	**21.2**	1.38	41.5	6.55	--	--
HA-5	6/16/2004	570	**1,400J**	<1,000	3.0	1.2	3.1	25	--	--
HA-5	6/22/2004	178	<0.25	<0.5	2.85	<0.5	0.559	<1	--	--
HA-5	9/21/2004	409	4.17	<0.5	**9.76**	0.657	16.5	7.84	--	--
HA-5	12/21/2004	<50	<0.25	<0.5	0.567	<0.5	<0.5	<1	--	--
HA-5	3/22/2005	<100	<0.236	<0.473	**17.6**	<1	<1	<3	--	--
HA-5	6/20/2005	86J	**790**	<94	2.7	<0.2	<0.2	0.7J	--	--
HA-5	6/24/2005	124	1.18 (d)	<0.456	<1	<1	<1	<3	<1	--
HA-5	7/28/2005	**870**	360	<95	0.9	1.7	3.2	52	<0.3	--
HA-5	9/20/2005	140	85	<94	**6.9**	11	1.9	9.7	--	--
HA-5	11/30/2005	<48	95	<94	<0.5	<0.7	<0.8	<0.8	--	--
HA-5	2/28/2006	<48	100	<100	2	<0.7	<0.8	<0.8	<0.5	--
HA-5	5/16/2006	<48	<76	<95	1.9	<0.2	<0.2	<0.6	<5	--
HA-5	6/7/2006	173	205	171	0.570J	<0.280	<0.340	<0.820	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
HA-5	8/17/2006	100	190	<96	**5**	<0.7	<0.8	<0.8	<0.5	--
HA-5	10/24/2006	303	178	<35.8	**22.7**	3.42	1.72	2.92J	--	--
HA-5	11/21/2006	150	590	<96	**15**	<0.7	<0.8	4.0	<0.5	--
HA-5	2/20/2007	180	--	--	**5**	<0.7	2	<0.8	<0.5	--
HA-5	3/15/2007	133	454	<37.0	3.79	<0.420	0.770J	<0.450	--	--
HA-5	5/15/2007	110	260	<95	2	<0.7	<0.8	<0.8	<0.5	--
HA-5	9/11/2007	507	**525**	76.2J	**78.7**	5.24	9.22	16.2	--	--
HA-5	9/12/2007	720	<160	<200	**280**	23	34	100	<0.5	--
HA-5	11/27/2007	100	190	<95	**5**	<0.7	2	4	<0.5	--
HA-5	2/26/2008	77	100	<93	0.7	<0.7	<0.8	1	<0.5	--
HA-5	6/4/2008	**999**	185	116	4.66	2.74	30.9	8.96	--	--
HA-5	8/26/2008	**1,220** [1]	360 [1,4]	136 [1,4]	**24.7** [1]	11.5 [1]	5.64 [1]	31.4 [1]	<0.42 [1]	<74.4 [1]
HA-5	3/24/2010	162	<76.2	<381	**5.8**	1.4	<1.0	6.7	<1.0	<250
HA-5	8/27/2010	571	87.1	<392	**31.2**	8.3	61.8	37.8	<1.0	<250
HA-5	2/11/2011	130	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-5	8/12/2011	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-5	2/23/2012	<50.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-5	8/23/2012	<50.0	<83	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-5	1/30/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-5	8/22/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-5	2/7/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-6	4/14/1993	**63,000**	--	--	**1,400**	**9,300**	**1,200**	**10,000**	--	--
HA-6	12/15/1993	**59,000**	--	--	**1,400**	**1,400**	**7,400**	**10,000**	--	--
HA-6	11/4/1994	**53,000**	--	--	**960**	**2,700**	**790**	**9,500**	--	--
HA-6	9/17/1997	**43,100**	**25,100**	<500	**934**	973	**922**	**7,670**	--	--
HA-6	5/1/1998	**43,000**	**24,000**	<5,000	**1,100**	**1,200**	**1,300**	**8,700**	--	--
HA-6	7/30/1999	**47,000**	**16,000**	<2,000	**950**	360	**1,500**	**8,300**	--	--
HA-6	5/22/2000	**37,000**	**10,000**	<4,000	**870**	430	**1,500**	**6,800**	--	--
HA-6	5/22/2001	**38,000**	**14,000**	<2,000	**820**	370	**1,600**	**8,000**	--	--
HA-6	6/5/2002	**36,000**	**5,800**	**990J**	**650**	210	**1,700**	**7,100**	--	--
HA-6	11/25/2002	**25,600**	1.43	<0.5	**637**	181	**1,320**	**5,620**	--	--
HA-6	5/28/2003	**32,000**	**4,100**	**5,400J**	**590**	210	**1,200**	**5,900**	--	--
HA-6	6/16/2004	**52,000**	**41,000**	<2,500	**590**	330	**1,300**	**8,500**	--	--
HA-6	6/20/2005	**18,000**	**11,000**	<960	**330**	150	690	**2,800**	--	--
HA-6	6/7/2006	**18,600**	**3,700j**	106J	**345**	189	**1,040**	**2,900**	--	--
HA-6	10/24/2006	**19,000**	**2,670j**	<71.4uj	**422**	172	**948**	**2,570**	--	--
HA-6	3/15/2007	**17,700**	**3,290**	<74.0	**409**	209	**1,170**	**4,300**	--	--
HA-6	9/11/2007	**19,800**	**2,600**	52.6	**471**	197	**1,360**	**2,200**	--	--
HA-6	6/3/2008	**24,900**	**2,120**	165	**365**	304	**1,550**	**4,330**	--	--
HA-6	8/26/2008	**22,800** [1]	**1,420** [1,3]	48.8 [1]	**349** [1]	237 [1]	**1,320** [1]	**2,470** [1]	<0.42 [1]	<74.4 [1]
HA-6	3/24/2010	**14,900**	**908**	<381	**330**	184	**1,450**	**2,790**	<1.0	<250
HA-6	8/27/2010	**9,630**	**789**	<392	**293**	98.0	**1,420**	413	<1.0	<250
HA-6	2/10/2011	**10,100**	**576**	<377	**118**	71.1	423	882	<1.0	--
HA-6	5/26/2011	**11,500**	**510**	<380	**149**	77.4	389	570	<1.0	--
HA-6	8/12/2011	**9,440**	**1,900**	<380	**89.8**	77	551	337	<1.0	--
HA-6	11/22/2011	**10,300**	330	<390	**119**	97.9	**731**	457	<1.0	--
HA-6	2/23/2012	**12,700**	**710**	<380	**153**	155	**1,160**	**1,490**	<1.0	--
HA-6	5/11/2012	**12,800**	**900**	<420	**130**	149	**1,100**	**1,530**	<10.0	--
HA-6	8/23/2012	**12,800** [10]	**830**	<420	**157**	132	**1,380**	933	<1.0	--
HA-6	11/8/2012	**11,500**	**3,100**	<100	**151**	115	**907**	**1,010**	<10	--
HA-6	1/30/2013	**15,900**	**910**	<430	**140**	148	**1,140**	**1,520**	<5.0	--
HA-6	5/3/2013	**19,100**	**910**	350	**181**	180	**1,680**	**1,930**	<10.0	--
HA-6	8/22/2013	**11,000**	**900**	<430	**133**	85.2	**907**	583	<1.0	--
HA-6	11/20/2013	**14,300**	**770**	<400	**194**	143	**1,540 J**	**1,490**	<5.0	--
HA-6	2/7/2014	**20,200**	**1,200**	<400	**161**	137	**1,870**	**1,160**	<10.0	--
HA-6	5/6/2014	**13,700**	**900**	<29	**106**	96.7	**1,190**	**1,150**	<1.7	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
HA-7	7/29/1999	**17,000**	**16,000**	<10,000	**1,200**	69	**890**	**1,200**	--	--
HA-7	5/22/2000	**7,000**	**9,200**	<4,000	**460**	31	510	580	--	--
HA-7	5/22/2001	**4,700**	**7,100**	<2,000	**290**	25	350	470	--	--
HA-7	6/5/2002	**8,800**	**4,100**	<470	**1,500**	73	**760**	**1,000**	--	--
HA-7	11/19/2002	**5,510**	NA	NA	**587**	31.3	259	324	--	--
HA-7	11/25/2002	**7,840**	2.67	<0.5	**811**	41.1	402	580	--	--
HA-7	1/14/2003	**13,700**	NA	NA	**421**	56.2	261	**2,350**	--	--
HA-7	5/28/2003	**11,000**	**9,000**	<960	**1,000**	100	**920**	**1,300**	--	--
HA-7	6/15/2004	**8,500**	**3,400**	<490	**730**	48	600	**1,200**	--	--
HA-7	6/20/2005	740	**1,500**	<200	**170**	5	84	18	--	--
HA-7	6/7/2006	<40	**14,700**	**1,610**	0.480J	<0.280	<0.340	<0.820	--	--
HA-7	10/24/2006	537	**1,040j**	408j	**46.9**	4.32	7.86	23.5	--	--
HA-7	3/15/2007	**3,880**	**3,270**	<181	**385**	30.0	658	166	--	--
HA-7	9/11/2007	**9,440**	**4,300**	<41.0	**777**	31.8	**1,540**	504	--	--
HA-7	6/3/2008	**13,700**	**4,270**	357	**653**	70.6	**1,620**	**1,430**	--	--
HA-7	8/26/2008	**6,940** [1]	**4,410** [1,3]	137 [1]	**635** [1]	31.7 [1]	**1,100** [1]	928 [1]	<0.42 [1]	<74.4 [1]
HA-7	3/24/2010	**4,990**	458	<392	**529**	28.4	**771**	**1,050**	<1.0	<250
HA-7	8/27/2010	**7,120**	455	<388	**267**	24.8	505	544	<1.0	<250
HA-7	2/11/2011	**5,430**	369	<377	**114**	17.7	500	401	<1.0	--
HA-7	5/25/2011	**6,540**	360	<380	**150**	22	369	349	<1.0	--
HA-7	8/15/2011	**6,820**	**660**	<380	**225**	22.9	567	377	<1.0	--
HA-7	11/22/2011	**3,100**	200	<400	**86.1**	7.8	160	198	<1.0	--
HA-7	2/27/2012	**5,310**	360	<380	**193**	25.6	**813**	509	<1.0	--
HA-7	5/11/2012	**5,130**	**790**	<380	**145**	19.9	520	419	<5.0	--
HA-7	8/27/2012	**4,430** [10]	**550**	<400	**178**	15.2	335	264	<1.0	--
HA-7	11/12/2012	**3,050**	**880**	350	**130**	8.0	192	237	<1.0	--
HA-7	2/1/2013	**4,220**	**1,400**	<430	**98.8**	14.3	339	259	<2.0	--
HA-7	5/3/2013	**8,320**	**670**	300	**142**	21.3	647	570	<5.0	--
HA-7	8/23/2013	**4,480 J**	**1,200**	<390	**181**	12 J	283	204	<2.0	--
HA-7	11/20/2013	**5,060**	<400	<400	**82**	8.9	429	357	<5.0	--
HA-7	2/7/2014	**5,330**	**760**	<400	**89.2**	9.6	322	226	<2.0	--
HA-7	5/7/2014	**4,450**	<28	<48	**141**	11.9	299	247	<0.17	--
HA-8	4/14/1993	**8,100**	--	--	**140**	150	200	**1,100**	--	--
HA-8	12/15/1993	**3,200**	--	--	**100**	68	11	390	--	--
HA-8	11/4/1994	610	--	--	**25**	2.9	15	54	--	--
HA-8	9/18/1997	**2,840**	**6,760**	**2,360**	**29.2**	11.9	19.8	239	--	--
HA-8	5/1/1998	**4,300**	**14,000**	**19,000**	**110**	130	190	600	--	--
HA-8	7/29/1999	**6,000**	**2,200**	<200	**37**	30	140	**1,000**	--	--
HA-8	5/22/2000	**1,100**	**810**	**700**	**13**	9.7	28	170	--	--
HA-8	5/22/2001	**650**	**800**	350J	**15**	3.8	26	95	--	--
HA-8	6/5/2002	**1,200**	**3,000**	**1,100**	**6.8**	4.4	31	160	--	--
HA-8	11/19/2002	135	--	--	2.07	4.11	1.76	7.42	--	--
HA-8	11/24/2002	579	<0.25	<0.5	**5.78**	16.9	12.6	57.8	--	--
HA-8	1/14/2003	633	--	--	4.02	16.5	16.3	207	--	--
HA-8	2/24/2003	**5,720**	0.767	<0.5	**14.6**	74.5	232	**1,570**	--	--
HA-8	3/25/2003	**1,950**	0.544	<0.5	**6.17**	22.0	73.0	445	--	--
HA-8	4/18/2003	**3,040**	<0.25	<0.5	**12.1**	35.9	160	708	--	--
HA-8 (DUP)	4/18/2003	**3,650**	0.257	<0.5	**11.9**	41.1	164	762	--	--
HA-8	5/28/2003	**67,000**	**1,800**	**530**	**11,000**	**16,000**	**1,100**	**5,400**	--	--
HA-8	6/15/2004					**LPH Encountered**				
HA-8	6/20/2005					**LPH Encountered**				
HA-8	6/6/2006					**LPH Encountered**				
HA-8	10/23/2006					**LPH Encountered**				
HA-8	3/14/2007					**LPH Encountered**				
HA-8	9/11/2007	**4,230**	**31,000**	**1,270J**	**2,360**	**7,210**	408	**2,310**	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
HA-8	6/3/2008	**43,800**	**2,250**	**719**	**3,730**	**14,800**	**956**	**4,650**	--	--
HA-8	8/26/2008	**34,600** [1]	**2,620** [1,4]	**778** [1,4]	**3,770** [1]	**10,700** [1]	**763** [1]	**3,750** [1]	<0.42 [1]	<74.4 [1]
HA-8	3/24/2010	115	<77.7	<388	<1.0	<1.0	<1.0	15.6	<1.0	<250
HA-8	8/27/2010	**54,600**	434	<388	**2,200**	**11,900**	**964**	**4,240**	<1.0	<250
HA-8	2/11/2011	68.2	78.2	<377	<1.0	<1.0	<1.0	17.4	<1.0	--
HA-8	8/15/2011	**3,680**	170	<380	**78.2**	287	132	576	<1.0	--
HA-8	2/27/2012	87.3	<76	<380	<1.0	<1.0	<1.0	10.5	<1.0	--
HA-8	8/27/2012	<50.0	<82	<410	**5.9**	<1.0	<1.0	<3.0	<1.0	--
HA-8	2/1/2013	238	<430	<430	<1.0	<1.0	<1.0	38.2	<1.0	--
HA-8	8/23/2013	375	400	<400	**15.6**	7.3 J	20.1	32.1	<1.0	--
HA-8	2/7/2014	**1,240**	<400	<400	2	<1.0	6.4	128	<1.0	--
HA-9	4/14/1993	**74,000**	--	--	**1,700**	**2,000**	**2,100**	**14,000**	--	--
HA-9	12/15/1993	**50,000**	--	--	**990**	**1,300**	130	**9,300**	--	--
HA-9	11/4/1994	**55,000**	--	--	**570**	91	**1,200**	**8,200**	--	--
HA-9	9/18/1997	**21,800**	**6,100**	<1,000	**142**	22.8	**372**	**2,460**	--	--
HA-9	4/29/1998	**32,000**	**44,000**	<25,000	**410**	**60**	**1,200**	**4,500**	--	--
HA-9	5/24/2000	**7,400**	**12,000**	**3,400**	**310**	21	320	380	--	--
HA-9	5/23/2001	**3,400**	**15,000**	<2,000	**290**	15	290	490	--	--
HA-9	6/4/2002	**12,000**	**5,300**	**1,000J**	**530**	13	**810**	910	--	--
HA-9	11/26/2002	**6,110**	--	--	**249**	3.55	349	187		
HA-9	5/28/2003	**9,500**	**3,800**	<1,100	**310**	6.3	610	190	--	--
HA-9	6/17/2004	**4,300**	**--**	--	**250**	2.1	280	6.8	--	--
HA-9	6/20/2005	**4,800**	**15,000**	**1,800J**	**220**	2.4	260	5.8	--	--
HA-9	6/6/2006	**3,750j**	**3,220**	337u	**177**	3.58	435	420	--	--
HA-9	10/24/2006	**7,050**	**3,080**	248	**248**	2.58	580	8.43	--	--
HA-9	3/15/2007	**6,360**	**3,100**	<82.2	**245**	5.66	468	8.72	--	--
HA-9	9/11/2007	**5,600**	**4,290**	**702**	**399**	10.1	345	50.0	--	--
HA-9	6/4/2008	**5,870**	**1,340**	165J	**130**	4.37	141	10.8	--	--
HA-9	8/27/2008	**5,730** [1]	**3,160** [1,4]	**705** [1,4]	**388** [1]	7.34 [1]	277 [1]	13 [1]	<0.42 [1]	<74.4 [1]
HA-9	3/25/2010	**Insufficient Groundwater to Sample**								
HA-9	8/25/2010	**4,180**	**--**	--	**388**	17.1	260	199	<1.0	<250
HA-9	2/8/2011	**4,330**	**753**	<379	**127**	6.3	115	9.8	<1.0	--
HA-9	5/17/2011	**5,240**	**--**	**--**	**177**	4.9	156	9.5	<1.0	--
HA-9	8/11/2011	**6,530**	**950**	<620	**195**	4.2	151	8.7	<1.0	--
HA-9	11/22/2011	**6,320**	**1,200**	<380	**206**	5	160	10.2	<1.0	--
HA-9	2/29/2012	**4,640**	**860**	<390	**147**	5.5	119	11.1	<1.0	--
HA-9	5/15/2012	**4,610**	**980**	<410	**218**	8.8	152	32.1	<1.0	--
HA-9	8/29/2012	**4,520**	**2,400**	**790**	**199**	3.5	160	8.6	<1.0	--
HA-9	11/14/2012	**3,920**	**900**	<110	**207**	3.3	74.8	7.7	<1.0	--
HA-9	2/4/2013	**2,890**	**940**	<440	**110**	3	60.6	7	<1.0	--
HA-9	5/8/2013	**4,500**	**560**	<200	**195**	3.3	103	6.6	<1.0	--
HA-9	11/21/2013	**4,060**	**710**	<400	**205**	5.2	118	6.7	<2.0	--
HA-9	2/6/2014	**3,020**	**870**	<400	**15.2**	<1.0	5.7	<3.0	<1.0	--
HA-9	5/2/2014	**3,020**	**1,300**	<28	**77.7**	2.7	47.3	<0.40	<0.17	--
HA-10	4/14/1993	**77,000**	--	--	**540**	**4,600**	**1,800**	**12,000**	--	--
HA-10	12/15/1993	**24,000**	--	--	**430**	410	**1,400**	**3,800**	--	--
HA-10	5/23/2001	**Well not sampled, bailer obstructed from reaching well bottom**								
HA-10	6/6/2002	**8,900**	--	--	**44**	66	530	**1,600**	--	--
HA-10	5/27/2003	**Well not sampled, bailer obstructed from reaching well bottom**								
HA-10	6/17/2004	**Well not sampled, bailer obstructed from reaching well bottom**								
HA-10	6/21/2005	**3,500**	--	--	**23**	7	170	320	--	--
HA-10	6/6/2006	**852**	**999**	97.5	**52.6**	5.50J	63.7	19.1J	--	--
HA-10	10/24/2006	**2,280**	--	--	**36.2**	<0.220	47.4	99.4	--	--
HA-10	3/15/2007	**4,590**	**1,610**	371	**49.8**	13.2	332	425	--	--
HA-10	9/12/2007	**Insufficient Groundwater to Sample**								

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
HA-10	6/4/2008	**4,710**	--	--	**16.1**	7.79	175	283	--	--
HA-10	8/27/2008	**2,160** [1]	**2,400** [1,3]	**510** [1,2]	**5.61** [1]	5.32 [1]	34.4 [1]	39.2 [1]	<0.42 [1]	<74.4 [1]
HA-10	3/24/2010				**Insufficient Groundwater to Sample**					
HA-10	8/25/2010	**2,170**	**--**	--	**7.1**	7.5	68.5	130	<1.0	<250
HA-10	2/8/2011				**Insufficient Groundwater to Sample**					
HA-10	5/17/2011	508 J	**1,300**	<2400	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
HA-10	8/11/2011	**2,210**	--	--	**10.1**	5.7	49.9	73.5	<1.0	--
HA-10	11/21/2011	**1,430 J**	140 J	<570 J	**5.5 J**	2.8 J	37.2 J	56.6 J	<1.0 J	--
HA-10	2/29/2012	489	**1,900**	**1,700**	<1.0	1.5	10.3	5.3	<1.0	--
HA-10	5/16/2012	**816**	**--**	**--**	1.5	3.7	15.0	10.3	<1.0	--
HA-10	8/29/2012	**1,020**	**--**	**--**	3.1	3.5	24.2	18.5	<1.0	--
HA-10	11/14/2012	286	<110	<110	<1.0	<1.0	12.5	3.5	<1.0	--
HA-10	1/31/2013	218	<450	<450	<1.0	<1.0	9.4	<3.0	<1.0	--
HA-10	5/2/2013	490	--	--	<1.0	3	18.3	9.3	<1.0	--
HA-10	8/20/2013	274	--	--	<1.0	1.9 J	6.1	4	<1.0	--
HA-10	11/27/2013	101	<950	<950	<1.0	<1.0	5.6	<3.0	<1.0	--
HA-10	5/2/2014	<50	<48	<28	<0.15	<0.11	3.1	<0.40	<0.17	--
HA-11	4/14/1993	**29,000**	--	--	**910**	42	**820**	**3,700**	--	--
HA-11	12/15/1993	**5,300**	--	--	**360**	160	98	780	--	--
HA-11	11/4/1994	**13,000**	--	--	**610**	190	300	**1,900**	--	--
HA-11	4/29/1998	**4,600**	**4,200**	**1,800**	**230**	28	100	520	--	--
HA-11	5/24/2000	**13,000**	**3,300**	**1,400**	**710**	200	450	**2,300**	--	--
HA-11	5/23/2001	**6,100**	--	--	**570**	83	280	910	--	--
HA-11	6/4/2002	**3,000**	--	--	**660**	18	100	450	--	--
HA-11	5/27/2003	**16,000**	--	--	**1,400**	74	560	**2,300**	--	--
HA-11	6/21/2005	**4,100**	--	--	**500**	6.6	150	460	--	--
HA-11	6/7/2006	**8,760**	**3,320j**	147J	**662**	17.0	443	**1,420**	--	--
HA-11	10/24/2006	**7,410**	**3,560**	**1,370**	**1,510**	12.2	385	710	--	--
HA-11	3/15/2007	**5,180**	**3,700**	**508**	**504**	8.96	294	842	--	--
HA-11	9/12/2007				**Insufficient Groundwater to Sample**					
HA-11	6/4/2008	**4,290**	--	--	**602**	4.46	159	415	--	--
HA-11	8/25/2008				**Insufficient Groundwater to Sample**					
HA-11	3/24/2010	**3,080**	--	--	**384**	5.1	215	595	<1.0	<250
HA-11	8/25/2010	**5,350**	**--**	--	**988**	18.6	430	**1,230**	<1.0	<250
HA-11	2/8/2011				**Insufficient Groundwater to Sample**					
HA-11	5/18/2011	**8,740 J**	<77	<380	**442 J**	8.5 J	344 J	682 J	<1.0 J	--
HA-11	8/11/2011	**4,840**	--	--	**736**	4.3	167	329	<1.0	--
HA-11	11/21/2011	**3,280 J**	<180 J	<890 J	**559 J**	3.1 J	109 J	150 J	<1.0 J	--
HA-11	2/29/2012	**4,060**	250	<480	**271**	3	228	459	<1.0	--
HA-11	5/15/2012	**3,890**	--	--	**318**[(CO, E)]	7	198	463	<1.0	--
HA-11	8/29/2012	**5,390** [10]	--	--	**543**	28.3	276	570	<1.0	--
HA-11	11/15/2012	**1,610**	--	--	**302**	<2.0	24.3	130	<2.0	--
HA-11	2/4/2013	**1,460**	<490	<490	**185**	1.6	112	220	<1.0	--
HA-11	5/2/2013	**1,780**	**1,500**	450	--	--	--	--	-- --	--
HA-11	11/21/2013	**1,390**	**620 J**	<400	**207**	1.9	136	322	<1.0	--
HA-11	2/13/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-11	4/30/2014	**1,660**	<48	<28	**202**	<0.55	111	219	<0.84	--
HA-12	4/14/1993	<50	--	--	1.3	<0.50	<0.50	<1.0	--	--
HA-12	12/15/1993	700	--	--	**6.0**	5.7	16	170	--	--
HA-12	11/4/1994	300	--	--	2.2	1.6	1.8	9.7	--	--
HA-12	9/18/1997	139	**6,350**	<500	1.05	<0.50	<0.50	1.9	--	--
HA-12	5/1/1998	<50	<80	**780**	0.3	0.5	0.3	1.5	--	--
HA-12	7/29/1999	<48	180J	200	3	0.8J	<0.2	1.3J	--	--
HA-12	5/22/2000	<48	250	**520**	1.2	0.24J	<0.2	<0.6	--	--
HA-12	5/22/2001	<48	410	<200	3.7	0.24J	<0.2	<0.6	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
HA-12	6/5/2002	<48	130J	<95	0.31J	<0.2	<0.2	<0.6	--	--
HA-12	11/25/2002	93.7	<0.25	<0.5	0.957	3.85	1.52	10.8	--	--
HA-12	5/28/2003	<48	280	**610**	0.4J	<0.2	<0.2	<0.6	--	--
HA-12	6/16/2004	<48	490	250J	4.5	0.3J	<0.2	0.8J	--	--
HA-12	6/21/2005	<48	180J	<100	0.3J	<0.2	0.5J	<0.6	--	--
HA-12	6/7/2006	<40	165	70.1J	<0.290	<0.280	<0.340	<0.820	--	--
HA-12	10/24/2006	58.2Ju	103	**564**	4.85	1.60	0.860J	0.870J	--	--
HA-12	3/15/2007	71.6J	90.3J	<37.0	<0.330	<0.420	0.530J	0.630J	--	--
HA-12	9/11/2007	72.6J	283	181	<0.330	<0.420	<0.420	<0.450	--	--
HA-12	6/4/2008	110	228	316	0.310J	<0.280	0.570J	1.05J	--	--
HA-12	8/27/2008	<43 [1]	**584** [1,5]	**722** [1,5]	<0.27 [1]	1.23 [1]	0.38 [1]	<0.86 [1]	<0.42 [1]	<74.4 [1]
HA-12	3/24/2010	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	<1.0	<250
HA-12	8/25/2010	**Insufficient Groundwater to Sample**								
HA-12	5/25/2011	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-12	11/21/2011	<50.0 J	<77 J	450 J	<1.0 J	<1.0 J	1.3 J	<3.0 J	<1.0 J	--
HA-12	5/11/2012	<100	<77	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-12	11/12/2012	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-12	5/3/2013	<100	<200	310	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-12	11/20/2013	<100	**710**	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-12	5/7/2014	<50	<48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
HA-13	4/14/1993	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
HA-13	12/15/1993	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
HA-13	11/4/1994	<50	--	--	<0.50	1.4	<0.50	3.0	--	--
HA-13	9/18/1997	59	310	<500	<0.50	<0.50	<0.50	<1.0	--	--
HA-13	4/30/1998	<250	<250	<500	<1.0	1.00	<1.0	<3.0	--	--
HA-13	7/28/1999	--	--	--	--	--	--	--	--	--
HA-13	5/22/2000	<48	130J	450J	<0.2	<0.2	<0.2	<0.6	--	--
HA-13	5/22/2001	<48	86J	<200	<0.2	<0.2	<0.2	<0.6	--	--
HA-13	6/4/2002	<48	<84	<110	<0.2	<0.2	<0.2	<0.6	--	--
HA-13	11/25/2002	<50	<0.25	<0.5	0.569	1.80	0.667	5.74	--	--
HA-13	2/24/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	1.08	--	--
HA-13	3/25/2003	98.4	<0.25	<0.5	<0.5	0.580	<0.5	<1	--	--
HA-13	4/18/2003	<50	<0.25	<0.5	<0.5	<0.5	0.500	<1	--	--
HA-13	5/27/2003	**7,100**	84J	<96	**43**	290	120	840	--	--
HA-13	9/11/2003	498	NA	NA	3.38	28.9	7.87	60.6	--	--
HA-13	11/21/2003	<50	<0.25	<0.5	<0.5	0.877	<0.5	1.15	--	--
HA-13	3/15/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
HA-13	6/16/2004	<48	<77	<96	<0.2	<0.2	<0.2	<0.6	--	--
HA-13	6/22/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
HA-13	9/21/2004	<50	0.868	<0.5	0.598	<0.5	<0.5	<1	--	--
HA-13	12/21/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
HA-13	3/22/2005	<100	<0.237	<0.474	<1	<1	<1	<3	--	--
HA-13	6/21/2005	<48	230J	<200	<0.2	<0.2	0.5J	0.27J	--	--
HA-13	6/24/2005	<100	0.311	<0.473	<1	<1	<1	<3	<1	--
HA-13	7/28/2005	**5800**	**1100**	380	<0.3	9.8	22	380	<0.3	--
HA-13	9/20/2005	130	--	--	3.6	11.0	1.4	8.8	--	--
HA-13	11/29/2005	<48	79	<95	<0.5	<0.7	<0.8	<0.8	--	--
HA-13	2/28/2006	<48	<78	<97	<0.5	<0.7	<0.8	<0.8	<0.5	--
HA-13	5/16/2006	<48	<81	<100	<0.2	<0.2	<0.2	<0.6	<0.3	--
HA-13	6/7/2006	<40	163	329	<0.290	<0.280	<0.340	<0.820	--	--
HA-13	8/17/2006	<48	<270	<330	<0.5	<0.7	<0.7	<0.8	<0.5	--
HA-13	10/24/2006	100	<37.8	<37.8	**7.34**	1.83	0.770J	0.750J	--	--
HA-13	11/21/2006	<48	<75	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--
HA-13	2/20/2007	<48	<75	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--
HA-13	3/15/2007	63.6J	59.7J	110	<0.330	<0.420	<0.420	0.500J	--	--
HA-13	5/15/2007	<50	<130	<170	<0.5	<0.7	<0.8	<0.8	<0.5	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
HA-13	9/11/2007	47.5J	--	--	0.580J	<0.420	<0.420	0.700J	--	--
HA-13	9/12/2007	<50	450	<200	<0.5	<0.7	<0.8	<0.8	<0.5	--
HA-13	11/27/2007	<50	<300	<370	<0.5	<0.7	<0.8	<0.8	<0.5	--
HA-13	2/26/2008	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--
HA-13	6/4/2008	52.3J	41.1J	58.9J	<0.270	<0.280	0.410J	<0.860	--	--
HA-13	8/27/2008	57.7 [1,6]	34.1 [1]	53.9 [1]	<0.27 [1]	0.92 [1]	0.24 [1]	<0.86 [1]	<0.42 [1]	<74.4 [1]
HA-13	3/24/2010	<50.0	<75.8	<379	<1.0	<1.0	<1.0	<3.0	<1.0	<250
HA-13	8/27/2010	<50.0	--	--	<1.0	2.0	<1.0	3.0	<1.0	<250
HA-13	2/10/2011	<50.0	<75.5	<377	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-13	8/12/2011	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-13	8/12/2011	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-13	2/28/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-13	8/23/2012	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-13	1/29/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-13	8/22/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-13	2/7/2014	<100	<400	<400	<1.0	1.1	<1.0	<3.0	<1.0	--
HA-14	4/14/1993	**5,300**	--	--	**400**	22	290	**1,000**	--	--
HA-14	12/15/1993	<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
HA-14	11/4/1994	180	--	--	**5**	1.8	3.9	11	--	--
HA-14	9/18/1997	324	**972**	**752**	**6.45**	1.06	7.98	9.17	--	--
HA-14	4/30/1998	**1,800**	460	<500	**210**	15	190	100	--	--
HA-14	7/29/1999	**4,700**	**1,100**	<200	**450**	38	**710**	120	--	--
HA-14	5/22/2000	**3,700**	**1,100**	**520J**	**470**	26	**760**	63	--	--
HA-14	5/22/2001	**890**	430	230J	**120**	5.5	200	10	--	--
HA-14	6/4/2002	**2,200**	**1,400**	**1,000**	**380**	16.0	470	32	--	--
HA-14	11/25/2002	**939**	<0.25	<0.5	**141**	15.7	169	48.1	--	--
HA-14	4/18/2003	**1,190**	<0.25	<0.5	**133**	8.87	228	23.7	--	--
HA-14	5/27/2003	**860**	300	220J	**91**	2.7	140	11	--	--
HA-14	6/16/2004	220J	**780**	280J	**56**	2.6	52	5	--	--
HA-14	6/21/2005	**1,200**	**660**	390J	**260**	5.8	250	18	--	--
HA-14	6/7/2006	<40	**--**	--	<0.290	<0.280	0.560J	<0.820	--	--
HA-14	10/24/2006	288	**--**	--	**12.3**	2.06	9.60	1.42J	--	--
HA-14	3/15/2007	121	187	50.1J	4.09	<0.420	4.99	0.610J	--	--
HA-14	9/11/2007	628	--	--	**92.8**	1.30	157	3.45	--	--
HA-14	6/4/2008	529	**1,150**	**1,820**	**30.1**	0.780J	67.5	1.71J	--	--
HA-14	8/27/2008	350 [1]	**513** [1,5]	**863** [1,5]	**31.5** [1]	2.25 [1]	72.1 [1]	2.63 [1]	<0.42 [1]	<74.4 [1]
HA-14	3/24/2010	**1,150**	**1,030**	**2,560**	**92**	1.4	369	6.6	<1.0	<250
HA-14	8/27/2010	**1,120**	--	--	**155**	6.0	321	3.5	<1.0	<250
HA-14	2/10/2011	231	161	<377	**12.8**	<1.0	67.3	4	<1.0	--
HA-14	5/25/2011	**2,250**	110	<380	**106**	5.6	316	12	<1.0	--
HA-14	8/12/2011	**1,890**	--	--	**159**	10.1	281	12.4	<1.0	--
HA-14	2/28/2012	<50.0 J	<77	<380	<1.0 J	<1.0 J	<1.0	<3.0	<1.0	--
HA-14	8/23/2012	198	--	--	**42.4**	2.4	13.2	5.5	<1.0	--
HA-15	1/14/2003	344	NA	NA	3.34	0.672	<0.5	2.51	--	--
HA-15	2/24/2003	**1,250**	0	<0.5	**12.9**	5.57	9.8	69.6	--	--
HA-15	3/25/2003	**910**	0	<0.5	**7.47**	1.55	1.12	3.99	--	--
HA-15	4/18/2003	658	<0.25	<0.5	**7.21**	1.88	0.716	6.47	--	--
HA-15	3/15/2004	336	1	<0.5	**5.85**	0.765	<0.5	1.34	--	--
HA-15	12/21/2004	**1,350**	<0.25	<0.5	**12.2**	0.824	3.01	2.74	--	--
HA-15 (DUP)	12/21/2004	**1,570**	<0.25	<0.5	**13.4**	0.952	4.02	3.11	--	--
HA-15	3/22/2005	<100	<0.237	<0.474	<1	<1	<1	<3	--	--
HA-15	6/24/2005	<100	<0.525(d)	<0.956	<1	<1	<1	<3	<1	--
HA-15	2/28/2006	58	<280	<96	**13**	<0.7	<0.8	<0.8	<0.5	--
HA-15	5/16/2006	58	360	<97	**16**	2.5	1.5	1.6	**50**	--
HA-15	8/17/2006	**Insufficient Groundwater to Sample**								

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			*PRIMARY VOCs*				*OXYGENATES*	
Sample Location	***Date***	***TPHg***	***TPHd***	***TPHo***	***B***	***T***	***E***	***X***	***MTBE***	***Ethanol***
MTCA Method A Screening Levels:		***800***	***500***	***500***	***5***	***1,000***	***700***	***1,000***	***20***	***--***
HA-15	11/21/2006	360	**1,400**	**670**	**320**	20	27	9	<0.5	--
HA-15	2/20/2007				**Insufficient Groundwater to Sample**					
HA-15	5/15/2007				**Insufficient Groundwater to Sample**					
HA-15	9/12/2007				**Insufficient Groundwater to Sample**					
HA-15	11/26/2007				**Insufficient Groundwater to Sample**					
HA-15	2/26/2008	340	**1,700**	**590**	**18**	0.9	3	2	<0.5	--
HA-15	2/18/2009	120	<150	<770	**19**	1.5	4.7	14	<1	<400
HA-15	8/25/2009				**Insufficient Groundwater to Sample**					
HA-15	3/24/2010	**811**	248	<392	**127**	7	34.2	68.3	<1	<250
HA-15	8/23/2010				**Insufficient Groundwater to Sample**					
HA-16	12/21/2004	**17,900**	4	2	**112**	533	272	**1,660**	--	--
HA-16	3/22/2005	**17,500**	2.89(d)	<0.488	**100**	518	253	**1,521**	--	--
HA-16	6/24/2005	**20,400**	**2,200(a)**	<0.479	**436**	760	374	**2,359**	<10	--
HA-16	7/28/2005	**6,900**	**3,400**	<940	**180**	94	80	440	<1	--
HA-16	9/20/2005	**14,000**	--	--	**620**	**1,000**	270	**1,500**	--	--
HA-16	11/30/2005	150	240	<94	**7**	8	2	13	--	--
HA-16 (DUP)	11/30/2005	**2,100**	450	<94	**19**	24	19	96	--	--
HA-16	3/1/2006	95	120	<95	**170**	1	3	11	<0.5	--
HA-16 (DUP)	3/1/2006	430	500	<95	**420**	2	13	19	<0.5	--
HA-16	5/16/2006	<48	94	95	**120**	0.6	0.4	1.7	<5	--
HA-16 (DUP)	5/16/2006	360	120	<95	**150**	1.9	2.8	12	<5	--
HA-16	8/17/2006				**Insufficient Groundwater to Sample**					
HA-16	11/21/2006	**25,000**	650	110	**2,500**	**4,200**	450	**1,400**	<3	--
HA-16	2/20/2007	**18,000**	**970**	130	**3,300**	**2,000**	560	**1,600**	<3	--
HA-16	5/15/2007	**970**	190	<96	**260**	53	47	120	<0.5	--
HA-16	9/12/2007	**2,600**	**900**	250	**510**	480	120	440	<0.5	--
HA-16	11/27/2007	**2,100**	**1,200**	<190	**250**	98	87	220	<0.5	--
HA-16	2/26/2008	240	<75	<94	**44**	3	6	20	<0.5	--
HA-16	8/26/2008	**36,000**	**2,600**	<95	**2,600**	**7,400**	550	**2,800**	<3	<250
HA-16	2/19/2009	**8,540**	**--**	--	**830**	**1,200**	250	**1,100**	<1	<400
HA-16	8/25/2009				**Insufficient Groundwater to Sample**					
HA-16	3/24/2010	**5,180**	119	<385	**367**	55.6	229	922	1	<250
HA-16	8/26/2010	**14,000**	347	<1,330	**1,720**	**1,730**	686	**2,400**	<1.0	<250
HA-16	2/11/2011	**5,930**	161	<377	**177**	266	129	804	<1.0	--
HA-16	5/25/2011	**4,690**	160	<460	**403**	89.7	166	647	<1.0	--
HA-16	8/15/2011	**5,070**	--	--	**553**	163	189	575	<1.0	--
HA-16	2/27/2012	513	<76	<380	**35.6**	47.7	25.4	76.5	<1.0	--
HA-16	8/24/2012	**3,730**	--	--	**763**	51.9	135	575	<1.0	--
HA-16	1/31/2013	**5,000**	**510**	<440	**539**	675	145	875	<5.0	--
HA-16	8/22/2013	**11,600**	<450	<450	**3,700**	697	311	**7,550**	<1.0	--
HA-16	2/11/2014	**9,950**	<400	<400	**872**	705	356	**1,760**	<1.0	--
HA-17	1/14/2003	548	NA	NA	**10.2**	<1.25	1.55	2.61	--	--
HA-17	5/29/2003	**2,090**	<0.25	<0.5	**50**	129	80.1	322	--	--
HA-17	11/20/2003	585	1	<0.5	**8.92**	<0.5	<0.5	<1	--	--
HA-17	3/15/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
HA-17	12/21/2004	335	<0.25	<0.5	**6.35**	<0.5	<0.5	<1	--	--
HA-17	3/22/2005	<100	<0.237	<0.473	**11.6**	<1	9.96	<3	--	--
HA-17	6/24/2005	<100	1	<0.475	1.57	<1	<1	<3	<1	--
HA-17	7/28/2005	<48	--	--	2.3	<0.2	0.3	<0.6	<0.3	--
HA-17	11/30/2005	55	450	<94	1	<1	<2	<2	--	--
HA-17	3/1/2006	<48	340	<96	<0.5	<0.7	<0.8	<0.8	<0.5	--
HA-17	5/16/2006	<48	280	<95	0.4	<0.2	<0.2	<0.6	<5	--
HA-17	8/17/2006				**Insufficient Groundwater to Sample**					
HA-17	11/21/2006	<48	220	120	1	<0.7	<0.8	<0.8	<0.5	--
HA-17	2/20/2007	<48	**1,700**	<470	<0.5	<0.7	<0.8	<0.8	<0.5	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
HA-17	5/15/2007	<50	--	--	1	1	<0.8	<0.8	<0.5	--
HA-17	9/12/2007	Insufficient Groundwater to Sample								
HA-17	11/27/2007	<50	**770(p)**	<140	<0.5	<0.7	<0.8	<0.8	<0.5	--
HA-17	2/26/2008	<50	**570**	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
HA-17	2/18/2009	<50	88	<410	<1	<1	<1	<1	<1	<400
HA-17	8/25/2009	Insufficient Groundwater to Sample								
HA-17	3/23/2010	55	<77.7	<388	<1	<1	<1	<3	<1	<250
HA-17	8/23/2010	Insufficient Groundwater to Sample								
HA-18	1/14/2003	**11,400**	NA	NA	**40.3**	75.9	**810**	**2,220**	--	--
HA-18	5/29/2003	**31,000**	8	<0.5	**95**	157	**2,440**	**7,840**	--	--
HA-18	11/20/2003	**28,000**	7	<0.5	**284**	178	**1,950**	**6,400**	--	--
HA-18	12/21/2004	**4,600**	1	<0.5	**21.9**	26.8	188	440	--	--
HA-18	3/22/2005	**7,690**	1.33(d)	<0.473	**27.1**	10.2	333	578.2	--	--
HA-18	6/24/2005	**9,810**	6.83 (d)	0.594 (d)	**32.3**	12.4	439	907.3	<5	--
HA-18	7/28/2005	**8,200**	--	--	**39**	29	230	620	<1	--
HA-18	3/1/2006	780	340	<95	**72**	0.8	69	6	<0.5	--
HA-18	5/16/2006	**2,100**	**520**	<94	**40**	3.8	93	140	**<25**	--
HA-18	8/17/2006	**3,800**	**2,700**	160	**51**	9	170	250	<0.5	--
HA-18	11/21/2006	**3,400**	**2,700**	**650**	**52**	23	130	240	<0.5	--
HA-18	2/20/2007	**5,000**	**740**	180	**49**	18	230	460	<0.5	--
HA-18	5/15/2007	Insufficient Groundwater to Sample								
HA-18	9/12/2007	Insufficient Groundwater to Sample								
HA-18	11/27/2007	480	**4,700(q)**	<370	**14**	4	3	7	<0.5	--
HA-18	2/26/2008	720	**4,100**	**740**	**17**	4	34	21	<0.5	--
HA-18	2/19/2009	615	240	<400	**37**	29	36	87	<1	<400
HA-18	8/25/2009	Insufficient Groundwater to Sample								
HA-18	3/23/2010	**1,390**	135	<385	**98.9**	18.4	91.0	132	<1.0	<250
HA-18	8/23/2010	Insufficient Groundwater to Sample								
HA-19	8/25/2008	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	<0.5	<50
HA-19	8/25/2009	Insufficient Groundwater to Sample								
HA-19	3/23/2010	Insufficient Groundwater to Sample								
HA-19	8/23/2010	Insufficient Groundwater to Sample								
HA-19	5/25/2011	**216**	<83	<420	**33.8**	13.5	2	9.1	<1.0	--
HA-19	11/21/2011	<50.0 J	<76 J	<380 J	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
HA-19	5/11/2012	<100	<100	<500	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-19	11/8/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-19	5/3/2013	<100	<200	300	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-19	11/20/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-19	5/8/2014	<50	<30	<52	<0.15	<0.11	<0.16	<0.40	<0.17	--
HA-20	7/28/2005	**230,000**	**6,900**	<940	**28,000**	**47,000**	**2,900**	**16,000**	**<150**	--
HA-20	11/30/2006	**110,000**	**4,900**	<190	**19,000**	**28,000**	**1,500**	**8,500**	--	--
HA-20	8/25/2008	**18,000**	**4,300**	<940	**5,800**	**5,800**	**1,200**	**5,500**	<1	<100
HA-20	2/19/2009	292	93	<410	**67**	33	13	42	<1	<400
HA-20	8/25/2009	**18,100**	**1,300**	<390	**10,900 (8)**	**2,020 (8)**	**941**	**3,220 (8)**	<1	<250
HA-20 (DUP)	8/25/2009	**22,200**	**1,900**	180J	**12,200**	**2,750**	**1,100**	**3,790**	<1	<250
HA-20	3/24/2010	**7,070**	**2,450**	<381	**4,100**	**2,170**	109	435	<1	<250
HA-20	8/26/2010	**69,700**	**712**	<388	**14,600**	**23,100**	**932**	**4,810**	<1.0	<250
HA-20 (DUP)	8/26/2010	**56,800**	**767**	<426	**13,800**	**14,600**	**1,400**	**6,010**	<1.0	<250
HA-20	2/11/2011	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	<1.0	--
HA-20	5/25/2011	**24,000**	240	<380	**4,540**	**4,860**	302	939	<1.0	--
HA-20	8/15/2011	**8,660**	200 J	<380 J	**5,270**	**2,190**	534	**1,850**	<1.0	--
HA-20	11/18/2011	**29,600**	200	<380	**3,720**	**4,560**	592	**2,690**	<1.0	--
HA-20	2/27/2012	<50.0	<76	<380	2.2	1.9	1.2	4.7	<1.0	--
HA-20	5/16/2012	660	<76	<380	**280**	37.7	35.1	85.5	<1.0	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
HA-20	8/24/2012	**9,220** [10]	170	<400	**4,100**	**964**	378	**1,470**	<1.0	--
HA-20	11/9/2012	**4,440**	**920**	<110	**1,360**	224	179	638	<1.0	--
HA-20	2/4/2013	320	<430	<430	**130**	1.5	1.8	70.1	<1.0	--
HA-20	5/3/2013	**2,740**	<200	250	**53.6**	11.8	<2.0	540	<2.0	--
HA-20	8/22/2013	**2,760**	**850**	<420	**3,850**	134	129	666	<5.0	--
HA-20	11/20/2013	**921**	<400	<400	**508 J**	46	42	111	<2.0	--
HA-20	2/11/2014	**13,800**	**600**	440	**3,910**	**1,550**	470	**2,190**	<10.0	--
HA-20	5/6/2014	<50	<48	<28	5.9	<0.11	<0.16	<0.40	<0.17	--
LAI-1	1/15/2003	**4,120**	--	--	**728**	935	23	120	--	--
LAI-1	2/26/2003	**15,100**	1	<0.5	**2,150**	**3,680**	116	979	--	--
LAI-1	3/24/2003	**47,500**	1	<0.5	**7,970**	**15,000**	739	**4,250**	--	--
LAI-1	3/1/2006	**190,000**	**860**	<190	**4,500**	**41,000**	**2,800**	**16,000**	<13	--
LAI-1	5/17/2006	**270,000**	**1,400**	<470	**10,000**	**56,000**	**3,300**	**21,000**	**<200**	--
LAI-1	8/16/2006	**130,000**	**2,800**	240	**11,000**	**23,000**	**3,000**	**14,000**	**<50**	--
LAI-1	11/20/2006	**11,000**	**880**	<95	**1,900**	25	400	**1,300**	<1	--
LAI-1	2/19/2007	**260,000**	**2,900**	<470	**13,000**	**58,000**	**3,200**	**19,000**	**<25**	--
LAI-1	5/14/2007	**290,000**	**3,200**	<480	**9,000**	**60,000**	**2,200**	**16,000**	**<**	--
LAI-1	9/11/2007	**21,000**	**510**	<94	**1,300**	680	440	**2,500**	<1	--
LAI-1	11/26/2007	**2,300**	310	<99	**1,100**	10	130	410	<0.5	--
LAI-1	2/26/2008	**23,000**	**2,400**	<95	**160**	190	**1,100**	**4,300**	<1	--
LAI-1	8/26/2008	**4,400**	450	<95	**12**	4	300	560	<0.5	<50
LAI-1 (DUP)	8/26/2008	**4,300**	**520**	<95	**12**	5	200	360	<0.5	<50
LAI-1	2/19/2009	**93,900**	**600**	<410	**470**	**19,000**	**1,500**	**9,800**	<1	<400
LAI-1	8/25/2009	**73,300**	**2,000**	140 J	**358**	**1,330**	277	**1,700**	<1.0 (9)	<250
LAI-1	3/23/2010	**114,000**	**800**	<381	**2,610**	**19,300**	**4,190**	**23,200**	<1.0	<250
LAI-1	8/24/2010	**57,700**	**812**	<388	**2,040**	**3,150**	187	**17,700**	<1.0	<250
LAI-1	2/9/2011	**59,300**	**692**	<388	**689**	**6,530**	**1,960**	**9,420**	<1.0	--
LAI-1	5/16/2011	**40,200 J**	**650**	<380	**615 J**	**887 J**	**1,620 J**	**6,420 J**	<1.0 J	--
LAI-1 (DUP)	5/16/2011	**41,400 J**	**650**	<380	**580 J**	**919 J**	**1,770 J**	**6,920 J**	<1.0 J	--
LAI-1	8/9/2011	**30,700 J**	**530**	<400	**1,370 J**	303 J	**1,620 J**	**6,680 J**	<1.0	--
LAI-1	2/27/2012	**53,000**	460	<380	**987**	**6,680**	**2,140**	**9,280**	<1.0	--
LAI-1	9/4/2012	**19,100** [10]	**600**	<400	**551**	130	**735**	**3,520**	<1.0	--
LAI-1	2/5/2013	**24,000**	**1,300**	<430	**79.6**	**2,320**	**933**	**5,600**	<10.0	--
LAI-1	8/14/2013	**54,600**	**2,800**	<420	**324**	691	**1,160**	**10,100**	<5.0	--
LAI-1 (DUP)	8/14/2013	**49,900**	**3,200**	<420	**404**	601	**1,080**	**9,750**	<5.0	--
LAI-1	2/12/2014	**88,200**	**860**	<400	**995**	**4,430**	**2,770**	**3,580**	<1.0	--
LAI-2	1/15/2003	73	--	--	2.78	2.2	1.1	9.33	--	--
LAI-2 (DUP)	1/15/2003	103	--	--	3.39	3.36	1.68	15.1	--	--
LAI-2	5/29/2003	**18,100**	<0.25	<0.5	**2,940**	**6,100**	235	**1,680**	--	--
LAI-2 (DUP)	5/29/2003	**18,800**	0	<0.5	**2,840**	**6,320**	235	**1,680**	--	--
LAI-2	8/11/2003	**8,950**	1	<0.562	**1,880**	**2,150**	135	907	--	--
LAI-2 (DUP)	8/11/2003	**6,620**	1	<0.5	**1,750**	**1,340**	104	678	--	--
LAI-2	11/20/2003	**1,330**	0	<0.5	**580**	1.98	35.3	235	--	--
LAI-2	3/16/2004	**120,000**	2	<0.5	**23,600**	**27,700**	**2,370**	**11,300**	--	--
LAI-2	6/22/2004	**17,600**	0	<0.5	**4,390**	53.3	**889**	**1,190**	--	--
LAI-2 (DUP)	6/22/2004	**20,400**	<0.25	<0.5	**4,960**	51.4	**1,020**	**1,340**	--	--
LAI-2	9/22/2004	**6,150**	1	<0.5	**1,070**	4.87	672	234	--	--
LAI-2 (DUP)	9/22/2004	**6,020**	1	<0.5	**1,070**	4.37	673	187	--	--
LAI-2	12/21/2004	**9,920**	<0.25	<0.5	**2,080**	<25	**875**	552	--	--
LAI-2	3/21/2005	**22,900**	1	<0.498	**7,720**	**2,970**	**1,380**	**2,208**	--	--
LAI-2	6/23/2005	**123,000**	**4,150**	<0.473	**21,700**	**40,300**	**2,260**	**10,180**	**<200**	--
LAI-2	7/29/2005	**170,000**	**1,400**	<190	**18,000**	**28,000**	**3,100**	**15,000**	**30**	--
LAIx-2	9/21/2005	**32,000**	**1,400**	<94	**5,500**	**3,300**	**1,100**	**5,600**	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
LAIx-2	12/1/2005	**8,700**	**730**	<94	**1,700**	230	330	**1,300**	--	--
LAIx-2 (DUP)	12/1/2005	**8,700**	**830**	<95	**1,900**	100	370	**1,400**	--	--
LAIx-2	3/1/2006	**120,000**	**1,200**	<190	**13,000**	**24,000**	**1,500**	**8,500**	<10	--
LAIx-2 (DUP)	3/1/2006	**97,000**	**1,400**	<190	**12,000**	**15,000**	**1,600**	**8,100**	<10	--
LAIx-2	5/17/2006	**160,000**	**2,200**	<470	**21,000**	**32,000**	**2,800**	**14,000**	**<200**	--
LAIx-2 (DUP)	5/17/2006	**160,000**	**2,400**	<470	**21,000**	**31,000**	**2,900**	**14,000**	**<200**	--
LAIx-2	8/16/2006	**87,000**	**4,200**	<1900	**14,000**	**19,000**	**1,600**	**11,000**	<5	--
LAIx-2	11/20/2006	**20,000**	**810**	<94	**2,200**	**1,500**	590	**2,300**	<1	--
LAIx-2	2/19/2007	**150,000**	**2,600**	<190	**18,000**	**32,000**	**2,700**	**11,000**	**<25**	--
LAIx-2	5/14/2007	**180,000**	**4,600**	<970	**19,000**	**33,000**	**2,200**	**11,000**	**<25**	--
LAIx-2	9/11/2007	**17,000**	**1,800**	150	**2,400**	470	680	**2,600**	<1	--
LAIx-2(u)	11/26/2007	**8,500**	380	<94	**800**	46	470	**1,200**	<0.5	--
LAIx-2	2/26/2008	780	<75	<94	**9**	1	26	70	<0.5	--
LAIx-2	8/26/2008	**6,600**	**1,400**	<95	**350**	330	330	970	<2	<200
LAIx-2	2/19/2009	**29,500**	320	<410	**2,300**	**5,600**	**980**	**2,800**	**<100**	<400
LAIx-2	8/25/2009	**9,530**	**950**	110J	**3,710**	37.8	**990**	**1,330**	<1	<250
LAIx-2	3/23/2010	**7,400**	166	<381	**1,570**	698	661	**1,290**	<1.0	<250
LAIx-2	8/24/2010	**51,100**	453	<385	**7,600**	**12,100**	155	**7,910**	<1.0	<250
LAIx-2	2/8/2011	**66,400**	487J	<385	**6,780**	**13,000**	**1,350**	**4,240**	<1.0	--
LAIx-2	5/16/2011	**24,200 J**	290	<380	**2,500 J**	**3,630 J**	**851 J**	**2,140 J**	<1.0 J	--
LAIx-2	8/9/2011	**21,800 J**	480	<390	**3,700 J**	**1,810 J**	**1,080 J**	**3,680 J**	<1.0	--
LAIx-2	2/27/2012	**34,600**	200	<380	**3,220**	**6,960**	**1,260**	**3,890**	<1.0	--
LAIx-2	9/4/2012	**48,300** [10]	**700**	<400	**7,030**	**4,090**	**2,100**	**7,110**	<1.0	--
LAIx-2	2/5/2013	**3,830**	<460	<460	**236**	76.6	257	747	<2.0	--
LAIx-2	8/14/2013	**49,500**	**2,900**	<400	**5,000**	**3,740**	**1,420**	**7,030**	<20.0	--
LAIx-2	2/13/2014	**67,400**	**1,400**	<400	**5,540**	**9,610**	**1,710**	**8,140**	<1.0	--
LAI-3	1/15/2003	67	--	--	0.5	3.19	1.36	8.45	--	--
LAI-3	2/26/2003	558	0.25	0.50	**70.1**	159	6.42	32.6	--	--
LAI-3	3/25/2003	573	0.25	0.50	**61.6**	176	8.43	39.5	--	--
LAI-3	4/17/2003	154	0.25	0.50	**7.56**	24.5	4	29.4	--	--
LAI-3	5/29/2003	301	0.25	0.50	**151**	40.7	0.951	4.63	--	--
LAI-3	8/11/2003	985	0.25	0.50	**329**	18.4	2.47	7.27	--	--
LAI-3	11/20/2003	50	0.25	0.50	**9.2**	0.5	0.5	1	--	--
LAI-3	3/16/2004	4,670	0.27	0.50	**2,030**	94.9	113	225	--	--
LAI-3	6/22/2004	2,880	0.25	0.50	**1,580**	5	50.7	69.4	--	--
LAI-3	9/22/2004	424	0.43	0.56	**60.7**	5	82.1	2.05	--	--
LAI-3	12/21/2004	62	0.25	0.50	0.542	0.5	2.31	1	--	--
LAI-3	3/21/2005	100	0.24	0.47	1	1	1	3	--	--
LAI-3	6/23/2005	**2,200**	0.748 (a)	0.47	**2,360**	119	184	200.4	**20**	--
LAI-3	7/29/2005	**34,000**	**690**	160	**5,300**	**6,300**	690	**2,500**	7.5	--
LAIx-3	9/21/2005	**23,000**	**1,400**	94	**3,800**	**4,200**	450	**3,100**	--	--
LAIx-3	11/30/2005	**43,000**	**1,500**	<96	**8,200**	**9,200**	400	**5,300**	--	--
LAIx-3 (DUP)	12/1/2005	**45,000**	**1,800**	<94	**9,000**	**8,700**	350	**5,200**	--	--
LAIx-3	3/1/2006	**130,000**	**3,500**	<970	**18,000**	**26,000**	**1,800**	**10,000**	<10	--
LAIx-3 (DUP)	3/1/2006	**100,000**	**3,200**	<950	**16,000**	**13,000**	**1,700**	**9,500**	<10	--
LAIx-3	5/17/2006	**130,000**	**3,500**	<950	**19,000**	**24,000**	**2,300**	**12,000**		--
LAIx-3 (DUP)	5/17/2006	**110,000**	**3,300**	<470	**16,000**	**18,000**	**2,100**	**10,000**	**<30**	--
LAIx-3	8/16/2006	**20,000**	**3,900**	<480	**2,200**	**2,900**	470	**2,600**	<0.5	--
LAIx-3	11/20/2006	**13,000**	**910**	<95	**2,400**	550	490	**1,500**	<1	--
LAIx-3	2/19/2007	**120,000**	**2,700**	<94	**21,000**	**21,000**	**2,500**	**9,700**	**<25**	--
LAIx-3	5/14/2007	**150,000**	**4,300**	<960	**25,000**	**26,000**	**2,100**	**9,700**	**<25**	--
LAIx-3	9/11/2007	**14,000**	**1,800**	160	**1,700**	690	450	**1,600**	<0.5	--
LAIx-3(v)	11/26/2007	**10,000**	**850**	<94	**1,600**	22	560	**1,100**	<1	--
LAIx-3	2/26/2008	**1,500**	110	<95	**18**	<0.7	46	52	<0.5	--
LAIx-3	8/26/2008	**3,800**	**1,000**	130	**310**	450	160	290	<3	<250

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
LAIx-3	2/19/2009	**12,400**	420	<410	**4,100**	620	**990**	**1,600**	**<100**	<400
LAIx-3	8/25/2009	**4,450**	**790**	95J	**3,660**	10.3	**719**	310	<1	<250
LAIx-3	3/23/2010	**30,000**	342	<381	**8,030**	**8,190**	**1,540**	**5,040**	<1.0	<250
LAIx-3	8/24/2010	**24,800**	420	<430	**8,640**	**4,130**	**1,400**	**4,840**	<1.0	<250
LAIx-3	2/8/2011	**18,100**	292J	<385	**3,070**	**2,720**	**767**	**2,440**	<1.0	--
LAIx-3	5/16/2011	**59,800**	630	<380	**8,230**	**12,700**	**1,790**	**7,590**	<50.0	--
LAIx-3 (DUP)	5/16/2011	**61,800 J**	620	<380	**8,260 J**	**12,800 J**	**1,810 J**	**7,710 J**	<50.0 J	--
LAIx-3	8/10/2011	**9,510**	290	<400	**3,050 J**	72.1	534	**1,250**	<1.0	--
LAIx-3 (DUP)	8/10/2011	**9,600**	290	<390	**3,010 J**	68.4	542	**1,280**	<1.0	--
LAIx-3	11/15/2011	**8,690 J**	<75	<380	**2,020**	16.5	508	**1,000**	<1.0	--
LAIx-3	2/28/2012	**71,300**	**750**	<380	**6,250**	**6,140**	**1,750**	**5,850**	<1.0 J	--
LAIx-3	5/8/2012	**33,500**	**620**	<380	**7,960**	**6,160**	**1,520**	**5,780**	<5.0	--
LAIx-3	9/4/2012	**31,700** [10]	**690**	<390	**7,850**	141	**1,800**	**5,440**	<1.0	--
LAIx-3	11/13/2012	**985**	180	<110	**97.1**	<1.0	111	229	<1.0	--
LAIx-3	2/5/2013	**1,860**	<450	<450	**217**	1.3	258	152	<1.0	--
LAIx-3	5/1/2013	**4,840**	490	<500	**1,580**	302	469	592	<10.0	--
LAIx-3	8/14/2013	**14,100**	**1,200**	<400	**6,260**	23.8 J	**1,040**	**1,800**	<20.0	--
LAIx-3	11/22/2013	**12,100**	**940 J**	<400	**6,100**	55.5	**839**	**1,430**	<1.0	--
LAIx-3	2/13/2014	**47,600**	**1,400**	<400	**8,840**	**3,540**	**1,780**	**6,350**	<20.0	--
LAIx-3	4/30/2014	**55,900**	**800**	<28	**10,100**	**7,060**	**1,590**	**6,410**	<8.4	--
LAIx-3 (DUP)	4/30/2014	**55,800**	**930**	<29	**9,760**	**6,830**	**1,510**	**6,060**	<8.4	--
LAIx-4	8/26/2008	**9,900**	--	--	**2,200**	180	270	**1,400**	<1	<100
LAIx-5	11/29/2005	**180,000**	**13,000**	**570**	**42,000**	**49,000**	**2,300**	**12,000**	--	--
LAIx-5	8/26/2008	**220,000**	**3,900**	<480	**31,000**	**45,000**	**3,600**	**19,000**	<50	<5000
LAIX-5	2/17/2017	**2,620**	<390	<390	**32.3**	57.0	37.0	433	--	--
LAIX-5	9/28/2017	**29,200**	**1,900**	<430	**9,600**	174	**1,020**	**6,400**	--	--
LAIx-6	11/29/2005	**70,000**	**9,700**	**600**	**22,000**	**22,000**	**850**	**4,300**	--	--
LAIx-6	8/26/2008	**190,000**	**6,300**	<950	**31,000**	**45,000**	**3,200**	**16,000**	<25	<2500
LAIX-6	2/17/2017	**38,900**	**1,200**	<410	**4,440**	**6,740**	510	**3,070**	--	--
LAIX-6	2/17/2017	**43,700**	**930**	<390	**5,090**	**6,890**	561	**3,410**	--	--
LAIX-6	9/28/2017	**134,000**	**3,200**	<400	**28,700**	**26,600**	**2,570**	**14,700**	--	--
LAI-7	7/28/2005	**160,000**	**17,000**	<4700	**160,000**	**32,000**	**2,500**	**14,000**	**<30**	--
LAIx-7	9/21/2005	**220,000**	**7,100**	<950	**43,000**	**55,000**	**4,300**	**21,000**	--	--
LAIx-7	8/27/2008	**79,000**	**4,200**	<480	**12,000**	**27,000**	**2,200**	**11,000**	<13	<1300
LAIx-8	9/21/2005	**140,000**	**6,400**	<940	**29,000**	**33,000**	**3,300**	**15,000**	--	--
LAIx-8	11/29/2005	**130,000**	**5,100**	<190	**33,000**	**35,000**	**2,900**	**14,000**	--	--
LAIx-8	8/26/2008	**180,000**	**7,300**	<2000	**28,000**	**40,000**	**3,300**	**16,000**	<10	<1000
LAIx-9	11/29/2005	**110,000**	**8,300**	<950	**37,000**	**45,000**	**2,600**	**21,000**	--	
LAIx-9	8/27/2008	**140,000**	**3,800**	<490	**17,000**	**32,000**	**2,600**	**15,000**	<10	<1000
LAI-10	2/26/2003	<50	<0.25	<0.5	<0.5	0.991	<0.5	1.37	--	--
LAI-10 (DUP)	2/26/2003	<50	<0.25	<0.5	<0.5	0.757	<0.5	1.18	--	--
LAI-10	3/24/2003	<50	<0.25	<0.5	1.35	2.67	<0.5	1.36	--	--
LAI-10	4/17/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-10	5/28/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-10	8/11/2003	<50	<0.25	<0.5	<0.5	1.75	0.757	4.54	--	--
LAI-10	11/20/2003	<50	2	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-10	3/16/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-10	6/22/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-10	9/22/2004	<50	0	<0.5	<0.5	0.666	<0.5	<1	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			*PRIMARY VOCs*				*OXYGENATES*	
Sample Location	*Date*	*TPHg*	*TPHd*	*TPHo*	*B*	*T*	*E*	*X*	*MTBE*	*Ethanol*
MTCA Method A Screening Levels:		***800***	***500***	***500***	***5***	***1,000***	***700***	***1,000***	***20***	***--***
LAI-10	12/21/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-10	3/21/2005	<100	<0.238	<0.475	<1	<1	<1	<3	--	--
LAI-10	6/23/2005	<100	<0.237	<0.474	3.52	<1	<1	<1	<1	--
LAI-10	7/29/2005	<48	<76	<95	**23**	0.3	<0.2	<0.6	<0.3	--
LAI-10	9/20/2005	<48	<75	94	**32**	2	0.5	2.8	--	--
LAI-10	12/1/2005	<48	200	<95	<0.5	<0.7	<0.8	<0.8	--	--
LAI-10 (DUP)	11/28/2005	<48	**520**	220	<0.5	1	<0.8	<0.8	--	--
LAI-10	2/28/2006	<48	<77	<96	<0.5	4	<0.8	<0.8	<0.5	--
LAI-10 (DUP)	3/1/2006	<48	88	<95	<0.5	10	<0.8	<0.8	<0.5	--
LAI-10	5/17/2006	<48	<75	<94	<0.2	3.4	<0.2	<0.6	<0.3	--
LAI-10 (DUP)	5/17/2006	<48	<75	<120	0.6	4.5	<0.2	<1	<0.3	--
LAI-10	8/16/2006	<48	<76	<96	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-10	11/20/2006	<48	<77	<96	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-10	2/19/2007	<48	<75	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-10	5/14/2007	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-10	9/11/2007	<50	98	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-10	11/26/2007	<250	<76	<95	**<5**	<7	<8	<8	<5	--
LAI-10	2/26/2008	140	<75	<94	**12**	1	4	12	<0.5	--
LAI-10	8/26/2008	<50	<76	<96	<0.5	<0.7	<0.8	<0.8	<0.5	<50
LAI-10	2/18/2009	<50	<82	<410	<1	<1	<1	<1	<1	<400
LAI-10	8/25/2009	<50	<77	<380	<1	<1	<1	<3	<1	<250
LAI-10	3/23/2010	<50	<76.2	<381	<1	<1	<1	<3	<1	<250
LAI-10	8/24/2010	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	<1.0	<250
LAI-10	2/9/2011	<50.0	<76.2	<381	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	5/17/2011	<50.0 J	<75	<380	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
LAI-10	8/9/2011	<50.0	<80	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	11/15/2011	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	2/27/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	5/8/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	9/4/2012	96.4	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	11/13/2012	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	2/5/2013	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	5/1/2013	<100	<200	<450	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	8/14/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	11/22/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	2/12/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-10	4/30/2014	<50	<48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
LAI-11	2/26/2003	<50	0.40	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-11	3/24/2003	<50	0.43	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-11	4/17/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-11	5/28/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-11	11/20/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-11	3/16/2004	<50	<0.25	<0.5	<0.5	0.634	<0.5	<1	--	--
LAI-11	6/22/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-11	9/22/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-11	12/21/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-11	3/21/2005	<100	<0.236	<0.473	<1	1	<1	<3	--	--
LAI-11	6/23/2005	<100	<0.237	<0.474	**222**	1.11	2.82	19.2	<1	--
LAI-11	7/29/2005	<48	<76	<95	**55**	0.5	4.2	3.2	<0.3	--
LAI-11	9/20/2005	<48	95	<94	**32**	2	0.5	2.8	--	--
LAI-11	12/1/2005	<48	110	<94	**15**	<0.7	0.9	3	--	--
LAI-11	2/27/2006	<48	81	<96	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-11	5/17/2006	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	<0.3	--
LAI-11	8/16/2006	<48	<77	<96	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-11	11/20/2006	<48	**760**	190	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-11	2/19/2007	<48	110	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
LAI-11	5/14/2007	<50	160	<96	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-11	9/11/2007	<50	190	<95	**55**	<0.7	<0.8	<0.5	<0.5	--
LAI-11	11/26/2007	<50	170	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-11	2/26/2008	<50	<75	<94	**14**	<0.7	<0.8	<0.8	<0.5	--
LAI-11	8/26/2008	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	<50
LAI-11	2/18/2009	<50	<82	<410	<1	<1	<1	<1	<1	<400
LAI-11	8/25/2009	<50	38J	<380	<1	<1	<1	<3	<1	<250
LAI-11	3/23/2010	<50	<76.2	<381	<1	<1	<1	<3	<1	<250
LAI-11	8/24/2010	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	<1.0	<250
LAI-11	2/9/2011	117	<76.2	<381	<1.0	13.1	<1.0	<3.0	<1.0	--
LAI-11	8/9/2011	<50.0	<90	<450	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-11	2/27/2012	<50.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-11	9/4/2012	90.3	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-11	2/5/2013	<100	<440	<440	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-11	8/14/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-11	2/12/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	5/28/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	1.81	--	--
LAI-12	8/11/2003	<50	0	<0.5	<0.5	<0.5	<0.5	2.21	--	--
LAI-12	11/20/2003	61	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-12	3/16/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-12	6/22/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-12	9/22/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-12	12/21/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-12	3/21/2005	<100	<0.242	<0.485	<1	<1	<1	<3	--	--
LAI-12	6/23/2005	<100	0.606 (b)	<0.476	<1	<1	<1	<3	<1	--
LAI-12	7/29/2005	<48	430	<95	<0.2	<0.2	<0.2	<0.6	<0.3	--
LAI-12	9/20/2005	<48	**1,300**	<320	1.6	3.9	<0.5	2.7	--	--
LAI-12	12/1/2005	<48	300	100	<0.5	<0.7	<0.8	<0.8	--	--
LAI-12	2/27/2006	<48	78	<97	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-12	5/17/2006	<48	410	<94	<0.2	<0.2	<0.2	<0.6	<0.3	--
LAI-12	8/17/2006	<48	**1,200**	130	<0.5	1	<0.8	<0.8	<0.5	--
LAI-12	11/20/2006	<48	**600**	120	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-12	2/19/2007	<48	**530**	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-12	5/14/2007	<50	**810**	<96	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-12	9/11/2007	99	**1,100**	140	**16**	9	<2	9	<0.5	--
LAI-12	11/26/2007	<50	**620**	<95	0.7	<0.7	<0.8	3	<0.5	--
LAI-12	2/26/2008	<50	84	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-12	8/26/2008	<50	260	<95	<0.5	<0.7	<0.8	<0.8	<0.5	<50
LAI-12	2/18/2009	<50	<82	<410	<1	<1	<1	<1	<1	<400
LAI-12	8/25/2009	<50	53J	<380	<1	<1	<1	<3	<1	<250
LAI-12	3/23/2010	<50	<76.2	<381	<1	<1	<1	<3	<1	<250
LAI-12	8/24/2010	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	<250
LAI-12	2/9/2011	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	5/17/2011	<50.0 J	<75	<380	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
LAI-12	8/9/2011	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	11/16/2011	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	2/27/2012	<50.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	5/8/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	9/4/2012	<50.0	<81	<400	<1.0	1.7	1.4	8.9	<1.0	--
LAI-12	11/13/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	2/5/2013	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	5/1/2013	<100	<200	<390	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	8/14/2013	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	11/22/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	2/12/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-12	4/30/2014	<50	<50	<29	<0.15	<0.11	<0.16	<0.40	<0.17	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			*PRIMARY VOCs*				*OXYGENATES*	
Sample Location	*Date*	*TPHg*	*TPHd*	*TPHo*	*B*	*T*	*E*	*X*	*MTBE*	*Ethanol*
MTCA Method A Screening Levels:		*800*	*500*	*500*	*5*	*1,000*	*700*	*1,000*	*20*	*--*
LAI-13	5/28/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-13	8/11/2003	<50	<0.25	<0.5	<0.5	0.647	<0.5	<1	--	--
LAI-13	11/20/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-13	3/15/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-13	6/22/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-13	9/21/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-13	12/21/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-13	3/21/2005	<100	<0.237	<0.473	<1	<1	<1	<3	--	--
LAI-13	6/23/2005	<100	<0.236	<0.472	<1	<1	<1	<3	<1	--
LAI-13	7/29/2005	<48	<77	<120	<0.2	<0.2	<0.2	<0.6	<0.3	--
LAI-13	9/20/2005	<48	<75	<93	<0.5	<0.5	<0.5	<1.5	--	--
LAI-13	12/1/2005	<48	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--
LAI-13	2/27/2006	<48	<78	<97	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-13	5/16/2006	<48	<76	<95	<0.2	<0.2	<0.2	<0.6	<0.3	--
LAI-13	8/16/2006	<84	<75	<94	<0.5	3	<0.8	<6	<0.5	--
LAI-13	11/21/2006	<48	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-13	2/20/2007	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-13	5/15/2007	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-13	9/11/2007	<50	240	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-13	11/26/2007	<50	180	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-13	2/26/2008	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-13	8/25/2008	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	<50
LAI-13	2/18/2009	<50	<82	<410	<1	<1	<1	<1	<1	<400
LAI-13	8/25/2009	<50	59J	<510	<1	<1	<1	<3	<1	<250
LAI-13	3/22/2010	<50	<76.2	<381	<1	<1	<1	<3	<1	<250
LAI-13	8/24/2010	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0	<250
LAI-13	2/10/2011	<50.0	<75.8	<379	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-13	8/11/2011	<50.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-13	2/21/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-13	8/28/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-13	1/30/2013	<100	<470	<470	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-13	8/15/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-13	2/5/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-13	9/24/2019	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	--	--
LAI-13	2/25/2020	<100	<588	<588	<1.0	<1.0	<1.0	<3.0	--	--
LAI-13	3/18/2021	<100	<392	<392	<1.00	<1.00	<1.00	<3.00	--	--
LAI-13	9/16/2021	<100	250	<97	<0.50	<1.0	<1.0	<2.0	--	--
LAI-13	3/3/2022	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	--	--
LAI-13	9/1/2022	<100	<95	<95	<0.50	<1.0	<1.0	<2.0	--	--
LAI-14	2/25/2003	50	0.27	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-14	3/25/2003	66	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-14	4/18/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-14	5/28/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-14	8/11/2003	<50	0.28	<0.5	<0.5	0.631	<0.5	<1	--	--
LAI-14	11/20/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-14	3/15/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-14	6/22/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-14	9/21/2004	<50	0	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-14	12/21/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-14	3/21/2005	<100	<0.237	<0.473	<1	1.45	<1	<3	--	--
LAI-14	6/23/2005	<100	0.26	<0.475	<1	<1	<1	<3	<1	--
LAI-14	7/29/2005	57	140	190	0.2	<0.2	<0.2	<0.6	<0.3	--
LAI-14	9/21/2005	<48	--	--	<0.5	<0.5	<0.5	<1.5	--	--
LAI-14	12/1/2005	<48	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--
LAI-14	2/27/2006	55	<77	<96	<0.5	<0.7	<0.8	<0.8	<0.5	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
LAI-14	5/16/2006	<48	<77	<97	<0.2	<0.2	<0.2	<0.6	<0.3	--
LAI-14	8/16/2006	72	<77	<97	<0.5	1	<0.8	2	<0.5	--
LAI-14	11/21/2006	<48	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-14	2/20/2007	<48	<75	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-14	5/15/2007	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-14	9/11/2007	<50	<76	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-14	11/26/2007	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-14	2/26/2008	<50	<75	<93	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-14	8/25/2008	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	<0.5	<50
LAI-14	2/18/2009	<50	<83	<410	<1	<1	<1	<1	<1	<400
LAI-14	8/25/2009	<50	<150	<750	<1	<1	<1	<3	<1	<250
LAI-14	3/22/2010	<50	<75.5	<377	<1	<1	<1	<3	<1	<250
LAI-14	8/24/2010	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	<1.0	<250
LAI-14	2/10/2011	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-14	8/11/2011	<50.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-14	2/21/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-14	8/28/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-14	1/30/2013	<100	<450	<450	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-14	8/15/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-14	2/5/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-14	8/12/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-14	11/25/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-14	2/13/2015	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-14	9/24/2019	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	--	--
LAI-14	2/25/2020	<100	<500	<500	<1.0	<1.0	<1.0	<3.0	--	--
LAI-14	3/18/2021	<100	<392	<392	<1.00	<1.00	<1.00	<3.00	--	--
LAI-14	9/16/2021	<100	<96	<96	<0.50	<1.0	<1.0	<2.0	--	--
LAI-14	3/3/2022	<100	<97	<97	<0.50	<1.0	<1.0	<2.0	--	--
LAI-14	9/1/2022	<100	<94	<94	<0.50	<1.0	<1.0	<2.0	--	--
LAI-15	5/28/2003	104	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-15	8/11/2003	158	0.33	<0.5	<0.5	0.641	<0.5	1.95	--	--
LAI-15	11/20/2003	54	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-15	3/15/2004	154	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-15	6/22/2004	135	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-15	9/21/2004	92	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-15	12/21/2004	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-15	3/21/2005	<100	<0.237	<0.473	<1	<1	<1	<3	--	--
LAI-15	6/23/2005	<100	<0.237	<0.473	<1	<1	<1	<3	<1	--
LAI-15	7/29/2005	76	<800	<1000	<0.2	0.3	<0.2	<0.6		--
LAI-15	9/21/2005	100	<75	<94	<0.5	<0.5	<0.5	<1.5	--	--
LAI-15	12/1/2005	67	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--
LAI-15 (DUP)	11/28/2005	92	110	<94	<0.5	<0.7	<0.8	<0.8	--	--
LAI-15	2/27/2006	77	<77	<97	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-15 (DUP)	3/1/2006	90	<76	<95	<0.5	0.8	0.8	<0.8	<0.5	--
LAI-15	5/16/2006	98	<76	<95	<0.2	<0.2	<0.2	<0.6	<0.3	--
LAI-15 (DUP)	5/17/2006	97	<76	<95	0.4	1	<0.2	<0.6	<0.3	--
LAI-15	8/16/2006	85	<75	<93	<0.5	1	<0.8	1	<0.5	--
LAI-15	11/21/2006	50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-15	2/20/2007	75	<75	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-15	5/15/2007	83	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-15	9/11/2007	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-15	11/26/2007	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-15	2/26/2008	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
LAI-15	8/25/2008	56	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	<50
LAI-15	2/18/2009	<50	<83	<410	<1	<1	<1	<1	<1	<400
LAI-15	8/25/2009	32.2J	<76	<380	<1	<1	<1	<3	<1	<250

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
LAI-15	3/22/2010	<50	<75.5	<377	<1	<1	<1	<3	<1	<250
LAI-15	8/24/2010	61	<77.3	<386	<1.0	<1.0	<1.0	<3.0	<1.0	<250
LAI-15	2/9/2011	57.3	<76.9	<385	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-15	5/24/2011	248	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-15	8/11/2011	90.4	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-15 (DUP)	8/11/2011	73.9	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-15	2/21/2012	<50.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-15	8/28/2012	56.4	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-15	1/30/2013	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-15	8/15/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-15	2/5/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-16	2/25/2003	<50	<0.25	<0.5	<0.5	0.679	<0.5	1.09	--	--
LAI-16	3/25/2003	<50	0.29	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-16 (DUP)	3/25/2003	<50	0.33	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-16	4/17/2003	<50	<0.25	<0.5	3.51	<0.5	<0.5	<1	--	--
LAI-16	5/28/2003	705	<0.25	<0.5	**523**	14.9	<1	2.25	--	--
LAI-16	11/21/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-16 (DUP)	11/21/2003	<50	<0.25	<0.5	<0.5	<0.5	<0.5	<1	--	--
LAI-16	3/16/2004	<50	<0.25	<0.5	2.7	0.796	<0.5	<1	--	--
LAI-16 (DUP)	3/16/2004	<50	<0.25	<0.5	4.76	0.63	<0.5	<1	--	--
LAI-16	6/22/2004	<50	<0.25	<0.5	**8.52**	<0.5	<0.5	<1	--	--
LAI-16	12/21/2004	<50	<0.25	<0.5	<0.5	0.667	<0.5	<1	--	--
LAI-16	3/21/2005	<100	<0.236	<0.471	<1	6.08	<1	<3	--	--
LAI-16	6/23/2005	<100	<0.384 (d)	<0.473	<1	<1	<1	<3	<1	--
LAI-16	9/21/2005	**Insufficient Groundwater to Sample**								
LAI-16	12/1/2005	<48	140	98	<0.5	<0.7	<0.8	<0.8	--	--
LAI-16	3/1/2006	<48	160	<95	**21**	<0.7	<0.8	<0.8	<0.5	--
LAI-16	5/17/2006	<48	78	<94	1.8	0.3	<0.2	<0.6	<0.3	--
LAI-16	8/16/2006	**Insufficient Groundwater to Sample**								
LAI-16	11/20/2006	<48	91	<95	<0.5	0.8	<0.8	1	<0.5	--
LAI-16	2/19/2007	<48	120	<94	**17**	<0.7	<0.8	<0.8	<0.5	--
LAI-16	5/14/2007	<50	--	--	0.7	<0.7	<0.8	<0.8	<0.5	--
LAI-16	9/11/2007	**Insufficient Groundwater to Sample**								
LAI-16	11/26/2007	**Insufficient Groundwater to Sample**								
LAI-16	2/26/2008	310	300	<94	**64**	6	11	20	<0.5	--
LAI-16	2/19/2009	<50	<82	<410	<1	<1	1	1	<1	<400
LAI-16	8/25/2009	**Insufficient Groundwater to Sample**								
LAI-16	3/23/2010	<50	<75.5	<377	<1	<1	<1	<3	<1	<250
LAI-16	8/26/2010	**Insufficient Groundwater to Sample**								
LAI-16	5/16/2011	<50 J	<75	<380	<1 J	<1 J	<1 J	<3 J	<1 J	--
LAI-16	3/1/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
LAI-16	2/8/2013	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	--
RW-1	11/30/2005	55	<75	<94	1	6	<0.8	4	--	--
RW-1	8/25/2008	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	<0.5	<50
RW-1	2/18/2009	<50	<80	<400	<1	<1	<1	<1	<1	<400
RW-1	8/25/2009	**Insufficient Groundwater to Sample**								
RW-1	3/23/2010	<50	<78.4	<392	<1	<1	<1	<3	<1	<250
RW-1	8/23/2010	**Insufficient Groundwater to Sample**								
RWx-2	9/20/2005	**130,000**	**3,000**	<470	**16,000**	**30,000**	**2,200**	**12,000**	--	--
RWx-2	8/26/2008	**100,000**	**610**	<96	**1,600**	**16,000**	**1,600**	**9,700**	<1	<100
RWx-2 (DUP)	8/27/2008	**62,000**	**5,600**	<970	**180**	**5,500**	**1,100**	**9,800**	<3	<250
RWX-2	11/18/2016	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
RWX-2	2/17/2017	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
RWX-2	5/26/2017	<100	<410	<410	<1.0	2.2	1.4	3.2	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			*PRIMARY VOCs*				*OXYGENATES*	
Sample Location	*Date*	*TPHg*	*TPHd*	*TPHo*	*B*	*T*	*E*	*X*	*MTBE*	*Ethanol*
MTCA Method A Screening Levels:		***800***	***500***	***500***	***5***	***1,000***	***700***	***1,000***	***20***	***--***
RWX-2	9/28/2017	**28,000**	**1,100**	<380	**2,210**	**7,340 J**	416	**2,180**	--	--
RWX-2	12/14/2017	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
RWX-2	3/2/2018	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
RWX-2	6/27/2018	139	**530**	<420	1.1	<1.0	4.8	<3.0	--	--
RWX-2	8/29/2018	**12,900**	**1,700**	<430	**1,190**	**2,700**	222	**1,060**	--	--
RWX-2	12/19/2018	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
RW-3	7/28/2005	**79,000**	**57,000**	**4,700**	**1,400**	**8,700**	**1,300**	**8,800**	15	--
RW-3	11/30/2005	**4,100**	**2,700**	130	**20**	200	30	220	--	--
RW-3	2/28/2006	270	<78	<97	**6**	46	4	23	<0.5	--
RW-3	5/16/2006	**2,600**	**1,700**	<94	**34**	190	26	200	<5	--
RW-3	8/17/2006	**12,000**	**2,400**	150	**480**	**1,700**	130	930	<0.5	--
RW-3	11/21/2006	**3,200**	**1,700**	<95	**26**	220	50	310	<0.5	--
RW-3	2/20/2007	**1,100**	300	<94	**12**	96	12	77	<0.5	--
RW-3	5/15/2007	**4,000**	**3,000**	<480	**240**	**1,200**	140	900	<1	--
RW-3	9/12/2007	**88,000**	--	--	**940**	**9,900E**	**1,500**	**8,700**	<0.5	--
RW-3	11/27/2007	**1,100**	310	<94	**12**	100	14	97	<0.5	--
RW-3	2/26/2008	**6,500**	**47,000**	<1900	**25**	370	140	760	<0.5	--
RW-3	8/25/2008	**830**	440	<97	**12**	45	15	95	<0.5	<50
RW-3	2/19/2009	266	110	<410	<1	9.9	3.2	20	<1	<400
RW-3	8/25/2009	**Insufficient Groundwater to Sample**								
RW-3	3/23/2010	**1,200**	**1,150**	<385	1.8	69.5	23.2	138	<1	<250
RW-3	8/23/2010	**Insufficient Groundwater to Sample**								
RW-3	2/27/2012	**3,700**	**2,400**	<380	**5.4**	111	62.5	351	<1.0	--
RW-3	8/24/2012	**2,710**	**2,100**	<420	**34.0**	17.7	92.3	456	<1.0	--
RW-3	2/1/2013	366	**15,400**	700	<1.0	2.3	6.6	40.2	<1.0	--
RW-4	8/26/2008	**4,100**	**2,200**	<98	**7**	88	77	590	<0.5	<50
RW-4	2/19/2009	<50	<80	<400	<1	2.4	<1	3.5	<1	<400
RW-4	8/25/2009	**Insufficient Groundwater to Sample**								
RW-4	3/24/2010	84	<77.7	<388	<1	5.7	1.4	11.2	<1	<250
RW-4	8/26/2010	**5,340**	172	<400	**123**	**1,250**	230	**1,430**	<1.0	<250
RW-4	2/10/2011	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	<1.0	--
RW-4	8/12/2011	**5,820**	<76	<380	**151**	551	176	770	<1.0	--
RW-4	11/18/2011	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
RW-4	2/23/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	3	<1.0	--
RW-4	5/11/2012	241	<80	<400	**10.4**	88.4	17.0	95.4	<1.0	--
RW-4	8/24/2012	**1,350**	<82	<410	**26.9**	77.7	42.3	183	<1.0	--
RW-4	11/9/2012	101	<100	<100	<1.0	3.1	3.1	17.5	<1.0	--
RW-4	1/31/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
RW-4 (DUP)	1/31/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
RW-4	5/3/2013	138	<200	290	<1.0	2.4	1.6	10	<1.0	--
RW-4	8/22/2013	**4,080**	**1,600**	<430	**21.5**	47.2	33.3	174	<1.0	--
RW-4	11/20/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
RW-4 (DUP)	11/20/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
RW-4	2/11/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
RW-4	5/7/2014	<50	<48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
RWx-5	8/26/2008	**43,000**	**1,700**	<99	**3,800**	**9,500**	**810**	**4,300**	<5	<500
RWx-5	2/19/2009	**2,690**	350	<400	**37**	120	10	530	<1	<400
RWx-5	8/25/2009	**190,000**	**1,600**	84J	**30,200**	**43,500**	**3,260**	**17,200**	<1	<250
RWx-5 (DUP)	8/25/2009	**191,000**	**1,300**	120J	**28,300**	**40,700**	**22,820**	**14,600**	<1	<250
RWx-5	3/24/2010	**827**	<76.2	<381	**26.3**	44.9	3.8	192	<1	<250
RWx-5	8/26/2010	**16,200**	193	<396	**2,700**	**3,140**	375	**1,660**	<1.0	<250
RWx-5 (DUP)	8/26/2010	**29,800**	582	<412	**4,190**	**7,990**	**1,130**	**4,140**	<1.0	<250
RWx-5	2/11/2011	**1,730**	<78.4	<392	**18.8**	38.2	5.9	325	<1.0	--
RWx-5	5/25/2011	**689**	<75	<380	4.5	9.5	2.4	96.1	<1.0	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
RWx-5	8/15/2011	**72,400**	**550**	<380	**4,480**	**26,100**	**1,640**	**7,290**	<1.0	--
RWx-5	11/18/2011	309	<76	<380	**21.6**	48.5	<1.0	25.7	<1.0	--
RWx-5	2/23/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
RWx-5	5/11/2012	**1,970**	<79	<400	**6.7**	113	19.6	862	<1.0	--
RWx-5	8/27/2012	**67,300**	420	<380	**2,620**	**18,100**	**1,260**	**6,010**	<50.0	--
RWx-5	11/9/2012	**1,460**	380	<110	**5.2**	183	48.7	431	<1.0	--
RWx-5 (DUP)	11/9/2012	**1,430**	230J	<110	**4.0**	148	42.3	398	<1.0	--
RWx-5	1/31/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
RWx-5	5/3/2013	**67,800**	360	320	**8,540**	**18,300**	**1,300**	**6,740**	<100	--
RWx-5	8/22/2013	**52,300**	<420	<420	**977**	**2,130**	107	658	<100	--
RWx-5	11/20/2013	<100	<400	<400	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
RWx-5	2/7/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
RWx-5	5/7/2014	<50	<48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
RW-6	8/27/2008	84	<79	<99	<0.5	<0.7	<0.8	2	<0.5	<50
RW-6	2/18/2009	50	<80	<400	<1	<1	<1	<1	<1	<400
RW-6	8/25/2009	**Insufficient Groundwater to Sample**								
RW-6	3/24/2010	<50	<75.8	<379	<1	<1	<1	<3	<1	<250
RW-6	8/23/2010	**Insufficient Groundwater to Sample**								
RWx-7	8/27/2008	**65,000**	**5,400**	<980	**180**	**4,800**	**1,200**	**8,900**	<3	<250
RWx-7	2/19/2009	**13,700**	**1,900**	<410	1	22	35	**1,100**	<1	<400
RWx-7	8/25/2009	**39,100**	**1,600**	110J	**2,990**	**2,670**	279	**3,210**	<1	<250
RWx-7	3/24/2010	**939**	124	<381	<1	<1	<1	12	<1	<250
RWx-7	8/26/2010	**19,600**	**742**	<421	**352**	**1,270**	462	**3,280**	<1.0	<250
RWx-7	2/11/2011	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	<1.0	--
RWx-7	8/12/2011	**25,600**	**580**	<380	**1,590**	**3,870**	552	**2,650**	<1.0	--
RWx-7	2/23/2012	88.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
RWx-7	8/27/2012	**23,600**	**630**	<390	**1,100**	**3,900**	361	**2,550**	<5.0	--
RWx-7	1/30/2013	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
RWx-7	8/22/2013	**30,300**	**530**	<420	**1,830**	**4,460**	370	**2,100**	<25.0	--
RWx-7	2/11/2014	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
RWX-7	11/18/2016	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
RWX-7	2/17/2017	**1,360**	<400	<400	<1.0	<1.0	<1.0	24.2	--	--
RWX-7	5/26/2017	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
RWX-7	9/28/2017	**932**	<420	<420	**272**	10.6	1.5	40.6	--	--
RWX-7	12/14/2017	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	--	--
RWX-7	3/2/2018	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
RWX-7	6/27/2018	<100	<430	<430	**9.9**	<1.0	<1.0	<3.0	--	--
RWX-7	8/29/2018	**2,540**	**960**	<400	**290**	263	31.1	87.3	--	--
RWX-7	12/19/2018	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
HWx-1E	9/21/2005	**3,800**	**610**	<94	**460**	21	220	90	--	--
HWx-1E	11/30/2005	**4,900**	**720**	<95	**2,300**	250	220	590	--	--
HWx-1E	3/1/2006	**80,000**	**2,200**	<480	**9,000**	**12,000**	**1,400**	**7,600**	<5	--
HWx-1E	5/17/2006	**69,000**	**1,100**	**860**	**10,000**	**9,800**	**1,700**	**7,600**	<200	--
HWx-1E	8/16/2006	**23,000**	**2,800**	**<940**	**5,300**	**1,300**	840	**3,700**	<1	--
HWx-1E	11/20/2006	750	91	<94	**70**	14	29	75	<0.5	--
HWx-1E	2/19/2007	**42,000**	**1,400**	<94	**6,300**	**5,100**	**1,200**	**3,700**	<5	--
HWx-1E	5/14/2007	**80,000**	**1,300**	<96	**8,800**	**12,000**	**1,600**	**7,400**	<10	--
HWx-1E	9/11/2007	**4,800**	**1,100**	<94	**750**	34	200	620	<0.5	--
HWx-1E	11/26/2007	310	170	<97	**240**	7	3	29	<0.5	--
HWx-1E	2/26/2008	300	320	<95	**65**	7	13	23	<0.5	--
HWx-1E	8/26/2008	**1,200**	390	<96	**250**	220	13	69	<0.5	<50
HWx-1W	11/29/2005	**1,200**	**590**	<95	**420**	<1	62	120	--	--
HWx-1W	2/28/2006	**54,000**	**1,500**	<190	**2,700**	**6,400**	**780**	**3,200**	<3	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			*PRIMARY VOCs*				*OXYGENATES*	
Sample Location	*Date*	*TPHg*	*TPHd*	*TPHo*	*B*	*T*	*E*	*X*	*MTBE*	*Ethanol*
MTCA Method A Screening Levels:		***800***	***500***	***500***	***5***	***1,000***	***700***	***1,000***	***20***	***--***
HWx-1W	5/17/2006	**73,000**	**1,100**	<190	**6,800**	**12,000**	**1,500**	**7,400**	<100	--
HWx-1W	8/16/2006	**8,500**	**970**	120	**2,000**	280	440	**1,300**	<0.5	--
HWx-1W	11/20/2006	220	89	<96	**12**	1	8	30	<0.5	--
HWx-1W	2/19/2007	**11,000**	**1,100**	140	**1,500**	**1,300**	470	**1,500**	<1	--
HWx-1W	5/14/2007	**38,000**	**980**	<95	**6,200**	**4,900**	**1,000**	**4,100**	<5	--
HWx-1W	9/11/2007	**1,800**	**1,700**	**<950**	**2,000**	4	210	180	<0.5	--
HWx-1W	11/26/2007	680	440	<96	**1,700**	16	20	76	<1	--
HWx-1W	2/26/2008	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--
HWx-1W	8/26/2008	84	120	<95	1	<0.7	1	2	<0.5	<50
MW-1	11/15/2011	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	2/28/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	5/8/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	9/4/2012	<50	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	11/7/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	2/5/2013	<100	<460	<460	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	5/1/2013	<100	<200	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	8/14/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	11/22/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	2/13/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	4/30/2014	<50	<48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-1	8/13/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	11/23/2014	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	2/13/2015	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-1	11/16/2016	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	--	--
MW-1	2/16/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-1	5/24/2017	<100	<440	<440	<1.0	<1.0	<1.0	<3.0	--	--
MW-1	9/27/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-1	12/13/2017	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-1	2/28/2018	<100	<380	<380	<1.0 J	<1.0 J	<1.0 J	<3.0 J	--	--
MW-1	6/26/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-1	8/28/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-1	12/18/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-1	3/14/2019	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-1	9/23/2019	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-1	2/25/2020	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	--	--
MW-1	9/17/2020	<100	<417	<417	<1.00	<1.00	<1.00	<3.00	--	--
MW-1	3/17/2021	<100	<400	<400	<1.00	<1.00	<1.00	<3.00	--	--
MW-1	9/14/2021	<100	<97	<97	<0.50	<1.0	<1.0	<2.0	--	--
MW-1	3/3/2022	<100	<99	<99	<1.0	<2.0	<2.0	<4.0	--	--
MW-1	8/31/2022	<100	120	190	<1.0	2.9	<2.0	<4.0	--	--
MW-2	11/16/2011	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	2/28/2012	86.4	<150	<730	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	5/14/2012	<100	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	9/4/2012	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	11/7/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	2/8/2013	103	<450	<450	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	5/1/2013	113	210	<390	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	8/23/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	11/22/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	2/13/2014	189	<400	<400	<1.0	<1.0	<1.0	<2.0	<4.0	--
MW-2	4/30/2014	134	<50	<29	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-2	8/13/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	11/23/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	2/13/2015	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-2	11/16/2016	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
MW-2	2/16/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-2	5/24/2017	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
MW-2	9/27/2017	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-2	12/13/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-2	2/28/2018	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-2	6/26/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-2	8/28/2018	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-2	12/18/2018	118	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-2	3/14/2019	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-2	9/23/2019	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	--	--
MW-2	2/25/2020	107	<455	<455	<1.0	<1.0	<1.0	<3.0	--	--
MW-2	9/17/2020	<100	<435	<435	<1.00	<1.00	<1.00	<3.00	--	--
MW-2	3/17/2021	<100 J	<400 J	<400 J	<1.00	<1.00	<1.00	<3.00	--	--
MW-2	9/14/2021	<100	<98	<98	<0.50	<1.0	<1.0	<2.0	--	--
MW-2	3/3/2022	<100	<110	<110	<0.50	<1.0	<1.0	<2.0	--	--
MW-2	8/31/2022	<100	<98	<98	<1.0	<2.0	<2.0	<4.0	--	--
MW-3	11/17/2011	<50.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-3	3/1/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-3	5/14/2012	<50.0	350	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-3	8/28/2012	463	<76	<380	<1.0	181	<1.0	<3.0	<1.0	--
MW-3	11/7/2012	206	<120	<120	<1.0	143J	<1.0	<3.0	<1.0	--
MW-3	2/8/2013	133	<450	<450	1.7	36.6	<1.0	<3.0	<1.0	--
MW-3	5/6/2013	<100	<200	<200	<1.0	17.1	<1.0	<3.0	<1.0	--
MW-3	8/16/2013	187	<420	<420	<1.0	84.1	<1.0	<3.0	<1.0	--
MW-3	11/26/2013	<100	<400	<400	<1.0	6.9	<1.0	<3.0	<1.0	--
MW-3	2/10/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-3	5/1/2014	<50	<50	<29	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-3	8/14/2014	<100	<400	<400	<1.0	1.5	<1.0	<3.0	<1.0	--
MW-3	11/23/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-3	2/17/2015	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-3	11/16/2016	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	2/16/2017	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	5/24/2017	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	9/27/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	9/27/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	12/13/2017	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	2/27/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	6/26/2018	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	8/28/2018	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	12/18/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	3/14/2019	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	9/24/2019	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	2/25/2020	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-3	9/17/2020	<100	<435	<435	<1.00	<1.00	<1.00	<3.00	--	--
MW-3	3/17/2021	<100	<392	<392	<1.00	<1.00	<1.00	<3.00	--	--
MW-3	9/14/2021	<100	<96	<96	<0.50	<1.0	<1.0	<2.0	--	--
MW-3	3/3/2022	<100	<98	<98	<0.50	<1.0	<1.0	<2.0	--	--
MW-3	8/31/2022	<100	120	110	<0.50	<1.0	<1.0	<2.0	--	--
MW-4	11/17/2011	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-4	3/1/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-4	5/14/2012	<50.0	<82	<410	<1.0(SS)	<1.0(SS)	<1.0	<3.0	<1.0	--
MW-4	8/28/2012	<50.0	<80	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-4	11/7/2012	<100	<110UJ	<110UJ	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-4	2/8/2013	<100	<440	<440	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-4	5/6/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			*PRIMARY VOCs*				*OXYGENATES*	
Sample Location	*Date*	*TPHg*	*TPHd*	*TPHo*	*B*	*T*	*E*	*X*	*MTBE*	*Ethanol*
MTCA Method A Screening Levels:		*800*	*500*	*500*	*5*	*1,000*	*700*	*1,000*	*20*	*--*
MW-4	8/16/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-4	11/26/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-4	2/10/2014	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-4	5/1/2014	<50	<48	600	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-4	8/14/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-4	11/23/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-4	2/17/2015	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-4	11/16/2016	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-4	2/16/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-4	5/24/2017	<100	<510	<510	<1.0	2.4	<1.0	<3.0	--	--
MW-4	9/27/2017	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-4	12/13/2017	<100	<380	<380	<1.0	1.0	<1.0	<3.0	--	--
MW-4	2/27/2018	<100	<380	<380	<1.0	2.1	1.4	<3.0	--	--
MW-4	6/26/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-4	8/28/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-4	12/19/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-4	3/14/2019	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	--	--
MW-4	9/24/2019	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-4	2/25/2020	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	--	--
MW-4	9/17/2020	<100	<417	<417	<1.00	<1.00	<1.00	<3.00	--	--
MW-4	3/17/2021	<100	<392	<392	<1.00	<1.00	<1.00	<3.00	--	--
MW-4	9/14/2021	<100	<96	<96	<0.50	<1.0	<1.0	<2.0	--	--
MW-4	3/3/2022	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	--	--
MW-4	8/31/2022	<100	<99	<99	<0.50	<1.0	<1.0	<2.0	--	--
MW-5	11/17/2011	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	3/1/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	5/14/2012	<50.0	<83	<420	<1.0[(SS)]	<1.0[(SS)]	<1.0	<3.0	<1.0	--
MW-5	8/28/2012	<50.0	<83	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	11/7/2012	<100	<100UJ	<100UJ	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	2/7/2013	<100	<470	<470	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	5/6/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	8/16/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	11/26/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	2/10/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	5/1/2014	<50	<48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-5	8/14/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	11/23/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	2/17/2015	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-5	11/17/2016	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
MW-5	2/16/2017	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-5	5/24/2017	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	--	--
MW-5	9/28/2017	<100	<380	**720**	<1.0	<1.0	<1.0	<3.0	--	--
MW-5	12/13/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-5	2/27/2018	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-5	6/26/2018	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-5	8/28/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-5	12/19/2018	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	11/16/2011	<50.0	<77	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	3/1/2012	64.5	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	5/14/2012	62.6	<84	<420	<1.0[(SS)]	<1.0[(SS)]	<1.0	<3.0	<1.0	--
MW-6	8/28/2012	<50.0	<82	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	11/7/2012	<100	<110UJ	<110UJ	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	2/7/2013	<100	<440	<440	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	5/6/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	8/16/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
MW-6	11/26/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	2/10/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	5/1/2014	<50	<48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-6	8/14/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	11/23/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	2/23/2015	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	2/23/2015	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-6	11/17/2016	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	11/17/2016	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	2/16/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	5/24/2017	112	<440	<440	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	9/28/2017	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	12/13/2017	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	2/28/2018	<100	<400	<400	<1.0 J	<1.0 J	<1.0 J	<3.0 J	--	--
MW-6	6/26/2018	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	8/28/2018	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	12/19/2018	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	3/14/2019	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	9/24/2019	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	2/25/2020	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	--	--
MW-6	9/17/2020	<100	<435	<435	<1.00	<1.00	<1.00	<3.00	--	--
MW-6	3/17/2021	<100	<408	<408	<1.00	<1.00	<1.00	<3.00	--	--
MW-6	9/15/2021	<100	<95	<95	<0.50	<1.0	<1.0	<2.0	--	--
MW-6	3/4/2022	<100	<110	<110	<0.50	<1.0	<1.0	<2.0	--	--
MW-6	8/31/2022	<100	<96	<96	<2.0	<4.0	<4.0	<8.0	--	--
MW-7	11/15/2011	**7,530**	380	<380	**3,560**	**1,610**	**898**	**3,250**	<1.0	--
MW-7	3/1/2012	**58,000**	**1,300**	<380	**15,000**	**1,600**	**1,150**	**2,770**	<1.0	--
MW-7	5/9/2012	**32,900**	**1,500**	<380	**7,470**	**1,620**	**1,290**	**2,930**	<50.0	--
MW-7	8/23/2012	**24,700** [10]	**850**	<390	**8,930**	**1,220**	**1,880**	**3,310**	1.1	--
MW-7	11/6/2012	**28,000**	**3,100**	<110	**6,620**	337	**1,120**	**2,230**	<20.0	--
MW-7	2/7/2013	**17,500**	**3,800**	<450	**6,840**	314	**1,940**	**1,410**	<50.0	--
MW-7	4/29/2013	**19,600**	<200	<200	**6,400**	310	**2,410**	**1,360**	<50.0	--
MW-7	8/13/2013	**19,700**	**2,600**	**1,000**	**8,710**	843	**1,080**	**2,810**	<50.0	--
MW-7	11/18/2013	**12,100**	**1,000**	<430	**6,730**	420	**1,310**	**1,270**	<50.0	--
MW-7 (DUP)	2/5/2014	**18,400**	**930**	<400	**4,760**	148	**1,560**	**1,170**	<20.0	--
MW-7	2/5/2014	**18,900**	**1,200**	<400	**6,150 J**	170 J	**1,750 J**	**1,310 J**	<20.0 J	--
MW-7	4/29/2014	**17,200**	**1,200**	<28	**6,870**	129	**2,330**	**1,080**	<8.4	--
MW-7	11/17/2016	**11,300**	**2,200**	<390	**3,250**	27.3	**1,500**	318	--	--
MW-7	5/24/2017	**11,100**	**1,100**	<430	**2,790**	32.7	**924**	263	--	--
MW-7	12/13/2017	**4,630**	**27,400 J**	<410	**1,660**	78.5	238	257	--	--
MW-7	3/1/2018	**4,340 J**	**16,900**	<370	**2,470**	68.4	382	208	--	--
MW-7	8/29/2018	**19,400**	**1,800**	<390	**4,640**	**1,440**	**1,070**	**2,400**	--	--
MW-8	11/15/2011	**11,900**	130	<380	**3,670**	365	431	**1,510**	2.6	--
MW-8	2/22/2012	**9,370**	220	<380	**4,430**	382	**957**	**2,660**	6.9	--
MW-8	5/10/2012	**23,500**	**670**	<410	**9,090**	542	**841**	**2,280**	<25.0	--
MW-8 (DUP)	5/10/2012	**24,700**	**940**	<380	**8,940**	571	**855**	**2,320**	8.0	--
MW-8	8/23/2012	**17,500** [10]	**680**	<380	**9,570**	670	**1,090**	**2,780**	5.1	--
MW-8	11/6/2012	**10,300**	**1,400**	<110	**3,420**	140	422	**1,037**	1.8	--
MW-8	1/29/2013	**8,130**	**2,800**	**820**	**6,280**	186	465	**1,250**	6.2	--
MW-8	4/29/2013	**5,430**	<200	<200	**4,720**	100	533	**1,380**	<50.0	--
MW-8	8/13/2013	**12,700**	**1,800**	**820**	**7,460**	58.8 J	**708**	**1,670**	<50.0	--
MW-8	11/19/2013	**7,500**	**550**	<420	**4,550**	<50.0	477	**1,100**	<50.0	--
MW-8	2/4/2014	**7,650**	**520 J**	<420	**4,040**	<50.0	447	931	<50.0	--
MW-8 (DUP)	2/4/2014	**7,960**	430 J	<400	**3,940**	<25.0	436	918	<25.0	--
MW-8	4/29/2014	**7,780**	480	<29	**7,070**	<5.5	552	**1,120**	<8.4	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
MW-8	11/17/2016	540	<400	<400	**123**	<1.0	2.6	24.7	--	--
MW-8	5/24/2017	**1,460**	<420	<420	**1,330**	25.8	13.0	73.1	--	--
MW-8	12/13/2017	692 J	**650 J**	<400	**695**	<5.0	10.3	<15.0	--	--
MW-8	3/1/2018	692	<380	<380	**832 J**	<5.0 J	39.7 J	<15.0 J	--	--
MW-8	3/1/2018	688	<380	<380	**784 J**	<5.0 J	37.4 J	<15.0 J	--	--
MW-8	8/29/2018	**1,250**	**840**	<390	**194**	4.1	8.5	10.6	--	--
MW-9	11/16/2011	**1,950**	<76	<380	**1,430**	2	5	7.7	1.2	--
MW-9	2/22/2012	566	120 J	<380	**899**	1.9 J	1.8 J	3.4 J	<1.0 J	--
MW-9 (DUP)	2/22/2012	535	260 J	<380	**889**	1.8 J	1.7 J	3.2 J	1.0J	--
MW-9	5/9/2012	**1,830**	290	<430	**625**	1.4	1.7	<3.0	<1.0	--
MW-9	8/24/2012	**1,070**	270	<380	**977**	2.8	5.1	8.0	<1.0	--
MW-9	11/15/2012	**1,330**	220	<100	**439**	<2.0	2.3	<6.0	<2.0	--
MW-9	1/31/2013	224	<450	<450	**180**	<1.0	<1.0	<3.0	<1.0	--
MW-9	4/30/2013	**1,210**	<200	<200	**1,150**	<10.0	<10.0	<30.0	<10.0	--
MW-9	8/13/2013	**1,790**	**1,500**	<400	**817**	4.1 J	7.3	6.8	<1.0	--
MW-9	11/18/2013	**869**	430	<400	**266**	<2.0	2.2	<6.0	<2.0	--
MW-9	2/4/2014	**1,520**	**650 J**	<430	**1,040**	<5.0	6.4	<15.0	<5.0	--
MW-9	4/30/2014	**2,050**	**550**	<29	**762**	<0.55	<0.82	<2.0	<0.84	--
MW-9	11/16/2016	**1,330**	**540**	**1,100**	**120**	1.4	2.2	3.9	--	--
MW-9	2/16/2017	**1,240**	**740**	**580**	**159**	1.5	3.2	6.8	--	--
MW-9	5/25/2017	**1,120**	<500	<500	**179**	1.4	6.7	<3.0	--	--
MW-9	9/27/2017	**849**	**580**	<410	**80.7**	1.1	1.6	<3.0	--	--
MW-9	12/13/2017	**950 J**	**600 J**	<410	**29.0**	<1.0	<1.0	<3.0	--	--
MW-9	2/28/2018	**1,320**	410	<380	**52.4 J**	<1.0 J	5.8 J	<3.0 J	--	--
MW-9	6/27/2018	**2,100**	**1,300**	<410	**258**	1.2	8.2	4.4	--	--
MW-9	8/29/2018	**1,230**	**960**	<420	**27.9**	<1.0	1.7	<3.0	--	--
MW-9	12/19/2018	**1,040**	**730**	<380	**13.1**	<1.0	<1.0	<3.0	--	--
MW-10	11/17/2011	174	<75	<380	**562**	3	1.6	17.9	<1.0	--
MW-10 (DUP)	11/17/2011	113	<75	<380	**440**	2	<1.0	15.3	<1.0	--
MW-10	2/22/2012	434	160	<380	2.0	<1.0	<1.0	<3.0	<1.0	--
MW-10	5/10/2012	282	140	<390	**65.4**	3.5	5.7	15.7	<1.0	--
MW-10	11/9/2012	466	<110	<110	**200**	1.1	<1.0	3.2	<1.0	--
MW-10	2/1/2013	125	<440	<440	1.6	<1.0	<1.0	<3.0	<1.0	--
MW-10	4/30/2013	185	<200	<200	**7.1**	<1.0	<1.0	<3.0	<1.0	--
MW-10	8/20/2013	139	<400	<400	**47.6**	<1.0	<1.0	3.5	<1.0	--
MW-10	11/18/2013	116	<400	<400	**57.9**	2.2	<1.0	10.3	<1.0	--
MW-10	2/4/2014	125	<420	<420	**27.4**	<1.0	<1.0	<3.0	<1.0	--
MW-10	4/29/2014	415	<50	<29	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-10	8/12/2014	152	<400	<400	**26.3**	1.1	<1.0	3.7	<1.0	
MW-10	11/25/2014	122	<400	<400	**12.7**	<1.0	<1.0	<3.0	<1.0	--
MW-10	2/17/2015	291	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-10	11/16/2016	164	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-10	2/16/2017	189	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-10	5/24/2017	277	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-10	9/28/2017	<100	<410	<410	1.1 J	<1.0 J	<1.0 J	<3.0 J	--	--
MW-10	12/14/2017	<100	430	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-10	12/14/2017	<100	**620**	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-10	3/1/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-10	6/27/2018	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-10	8/28/2018	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-10	12/19/2018	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-10	3/14/2019	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-10 (DUP)	3/14/2019	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-10	9/25/2019	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	--	--
MW-10	2/25/2020	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			*PRIMARY VOCs*				*OXYGENATES*	
Sample Location	***Date***	***TPHg***	***TPHd***	***TPHo***	***B***	***T***	***E***	***X***	***MTBE***	***Ethanol***
MTCA Method A Screening Levels:		***800***	***500***	***500***	***5***	***1,000***	***700***	***1,000***	***20***	***--***
MW-10	9/17/2020	<100	<465	<465	<1.00	<1.00	<1.00	<3.00	--	--
MW-10	3/17/2021	<100 J	<400	<400	<1.00	<1.00	<1.00	<3.00	--	--
MW-10	9/16/2021	<100	<97	<97	<0.50	<1.0	<1.0	<2.0	--	--
MW-10 (DUP)	9/16/2021	<100	<96	<96	<0.50	<1.0	<1.0	<2.0	--	--
MW-10	3/3/2022	<100	<97	<97	<0.50	<1.0	<1.0	<2.0	--	--
MW-10	9/1/2022	<100	110	<97	1.6	<2.0	<2.0	<4.0	--	--
MW-11	2/29/2012	128	82	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-11	5/16/2012	177	<77	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-11	8/29/2012	145	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-11	11/16/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-11	2/6/2013	<100	<450	<450	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-11	5/7/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-11	8/21/2013	196	**500**	<420	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
MW-11	11/26/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-11	2/6/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-11	5/9/2014	<50	<30	<52	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-11	8/15/2014	114	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-11	11/21/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-11	2/18/2015	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-11	11/18/2016	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-11	2/17/2017	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-11	5/25/2017	<100	<510	<510	<1.0	<1.0	<1.0	<3.0	--	--
MW-11	9/27/2017	168	<400	480	<1.0	<1.0	<1.0	<3.0	--	--
MW-11	12/12/2017	117	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-11	2/28/2018	<100	<400	<400	<1.0 J	<1.0 J	<1.0 J	<3.0 J	--	--
MW-11	6/26/2018	207	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-11	8/28/2018	182	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-11	12/18/2018	105	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-11	3/14/2019	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-11	9/25/2019	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-11	2/25/2020	<100	<500	<500	<1.0	<1.0	<1.0	<3.0	--	--
MW-11	9/17/2020	149	<435	<435	<1.00	<1.00	<1.00	<3.00	--	--
MW-11	3/17/2021	102 J-	<392	<392	<1.00	<1.00	<1.00	<3.00	--	--
MW-11 Dup	3/17/2021	<100 J	<392	<392	<1.00	<1.00	<1.00	<3.00	--	--
MW-11	9/15/2021	160	<100	<100	<0.50	<1.0	<1.0	<2.0	--	--
MW-11	3/3/2022	130	<98	<98	<0.50	<1.0	<1.0	<2.0	--	--
MW-11	9/1/2022	140	97	<96	<1.0	<2.0	<2.0	<4.0	--	--
MW-12	2/29/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-12	5/16/2012	<50.0	<400	<2,000	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-12	8/29/2012	<50.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-12	11/14/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-12	5/7/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-12	8/21/2013	<100	<390	<390	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
MW-12	11/26/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-12	2/3/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-12	5/8/2014	<50	<32	<55	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-12	8/15/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-12	11/21/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-12	2/18/2015	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-12	11/18/2016	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	2/17/2017	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	2/17/2017	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	5/25/2017	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	9/27/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	12/12/2017	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
MW-12	2/28/2018	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	6/26/2018	<100	<450	<450	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	8/28/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	12/18/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	3/14/2019	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	9/25/2019	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	2/25/2020	<100	<526	<526	<1.0	<1.0	<1.0	<3.0	--	--
MW-12	9/17/2020	<100	<455	<455	<1.00	<1.00	<1.00	<3.00	--	--
MW-12	3/17/2021	<100 J	<392 J	<392 J	<1.00	<1.00	<1.00	<3.00	--	--
MW-12	9/15/2021	<100	<95	<95	<0.50	<1.0	<1.0	<2.0	--	--
MW-12	3/3/2022	<100	<97	<97	<0.50	<1.0	<1.0	<2.0	--	--
MW-12	9/1/2022	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	--	--
MW-13	2/29/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-13	5/16/2012	<50.0	<78	<390	<1.0 (M1)	<1.0 (M1)	<1.0 (M1)	<3.0 (M1)	<1.0 (M1)	--
MW-13	9/5/2012	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-13	11/14/2012	<100	<120	<120	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-13	2/6/2013	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-13	5/8/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-13	8/21/2013	<100	<390	<390	1.1 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
MW-13	11/26/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-13	2/6/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-13	5/8/2014	<50	<28	<48	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-13	8/15/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-13	11/21/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-13	2/18/2015	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-13	11/17/2016	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	2/16/2017	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	5/25/2017	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	9/27/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	12/13/2017	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	2/28/2018	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	6/26/2018	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	8/28/2018	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	12/18/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	3/14/2019	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	9/24/2019	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	2/25/2020	<100	<476	<476	<1.0	<1.0	<1.0	<3.0	--	--
MW-13	9/17/2020	<100	<400	<400	<1.00	<1.00	<1.00	<3.00	--	--
MW-13	3/17/2021	<100 J	<392	<392	<1.00	<1.00	<1.00	<3.00	--	--
MW-13	9/15/2021	<100	**2,400**	**2,000**	<0.50	<1.0	<1.0	<2.0	--	--
MW-13	3/3/2022	<100	<97	<97	<0.50	<1.0	<1.0	<2.0	--	--
MW-13	8/31/2022	<100	<94	<94	<0.50	<1.0	<1.0	<2.0	--	--
MW-14	11/21/2011	**123,000 J**	**640 J**	<380 J	**17,500 J**	**18,200 J**	**2,550 J**	**14,100 J**	<1.0 J	--
MW-14	2/28/2012	**110,000**	**1,400**	<380	**16,400 J**	**16,300 J**	**2,020 J**	**10,500 J**	<1.0 J	--
MW-14	5/14/2012	**133,000**	**2,000**	<380	**18,400 (SS)**	**2,3400 (SS)**	**2,090**	**11,900**	<10.0	--
MW-14	11/16/2012	**90,800**	300	<110	**17,900**	**15,600**	**1,780**	**10,720**	<50.0	--
MW-14	2/6/2013	**94,200**	**4,100**	<470	**16,300**	**15,400**	**1,740**	**10,400**	<100	--
MW-14	5/2/2013	**90,300**	**1,500**	450	**16,200**	**16,200**	**2,050**	**11,500**	<100	--
MW-14	8/23/2013	**150,000**	**1,300**	**540**	**23,600**	**21,300**	**2,670**	**15,000**	<100	--
MW-14	11/18/2013	**91,100**	**1,600**	<420	**21,100**	**15,700**	**2,470**	**13,400**	<20.0	--
MW-14	2/12/2014	**103,000**	**1,400**	<400	**14,000**	**11,800**	**1,770**	**10,700**	<100	--
MW-14	5/6/2014	**19,300**	**530**	430	**283**	327	96.8	560	<3.4	--
MW-14	11/17/2016	**30,300**	**1,800**	**1,500**	**6,910**	585	**1,040**	**4,800**	--	--
MW-14	5/25/2017	**60,800**	**850**	<370	**16,000**	**4,670**	**1,730**	**9,040**	--	--
MW-14	12/14/2017	**57,700**	**1,600**	<390	**14,000**	**3,630**	**1,690**	**8,530**	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
MW-14	3/1/2018	**34,900**	**550**	<370	**5,140 J**	**3,540 J**	462 J	**2,020 J**	--	--
MW-14	3/1/2018	**50,600**	**740**	<390	**8,920 J**	**6,400 J**	**966 J**	**4,370 J**	--	--
MW-14	8/28/2018	**58,700**	**2,400**	<420	**15,500**	**4,960**	**1,850**	**8,860**	--	--
MW-15	11/21/2011	265 J	<76 J	<380 J	**32.9 J**	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
MW-15 (DUP)	11/21/2011	262 J	<77 J	<380 J	**30.9 J**	<1.0 J	1.4 J	<3.0 J	<1.0 J	--
MW-15	2/28/2012	195	<76	<380	**52.2**	<1.0	1.8	<3.0	<1.0	--
MW-15	5/11/2012	266	130	<380	**35.0**	<1.0	3.2	<3.0	<1.0	--
MW-15	8/27/2012	226	<84	<420	**40.3**	<1.0	<1.0	<3.0	<1.0	--
MW-15 (DUP)	8/27/2012	203	<83	<420	**39.5**	<1.0	1.2	<3.0	<1.0	--
MW-15	11/12/2012	445	<110	<110	**76.5**	<1.0	1.3	<3.0	<1.0	--
MW-15	2/4/2013	294	<430	<430	**35.2**	<1.0	3.2	<3.0	<1.0	--
MW-15	5/3/2013	309	320	340	**42.3**	<1.0	3.5	<3.0	<1.0	--
MW-15	8/23/2013	450	**1,500**	<430	**58.5**	<1.0	1.1	<3.0	<1.0	--
MW-15	11/20/2013	348	<400	<400	**42.9**	<1.0	<1.0	<3.0	<1.0	--
MW-15	2/7/2014	520	<400	<400	**41.1**	<1.0	1.6	<3.0	<1.0	--
MW-15	5/7/2014	278	<48	<28	**28.4**	1.1	1.6	<0.40	<0.17	--
MW-15	11/18/2016	353	420	<400	**18.2**	<1.0	<1.0	<3.0	--	--
MW-15	2/17/2017	**1,210**	<370	<370	<1.0	<1.0	<1.0	24.4	--	--
MW-15	5/26/2017	165	<430	<430	**11.8**	<1.0	1.6	<3.0	--	--
MW-15	9/28/2017	314	<390	<390	**13.0**	<1.0	<1.0	<3.0	--	--
MW-15	12/14/2017	170	<410	<410	4.6	<1.0	<1.0	<3.0	--	--
MW-15	3/1/2018	413 J	**550**	470	**33.6 J**	<1.0 J	2.5 J	<3.0 J	--	--
MW-15	6/27/2018	345	<430	<430	**28.8**	<1.0	<1.0	<3.0	--	--
MW-15	8/29/2018	395	**510**	<400	**47.4**	<1.0	<1.0	<3.0	--	--
MW-15 (DUP)	8/29/2018	443	430	<400	**53.3**	<1.0	<1.0	<3.0	--	--
MW-15	12/19/2018	416	<430	<430	**43.7**	<1.0	<1.0	<3.0	--	--
MW-15	3/14/2019	332	<400	<400	**31.5**	<1.0	1.8	<3.0	--	--
MW-15	9/25/2019	159	<400	<400	**7.3**	<1.0	<1.0	<3.0	--	--
MW-15 (DUP)	2/26/2020	153	<500	<500	**20.9**	<1.0	<1.0	<3.0	--	--
MW-15	2/26/2020	129	<526	<526	**20.1**	<1.0	<1.0	<3.0	--	--
MW-15	9/17/2020	133	<400	<400	**18.3**	<1.00	<1.00	<3.00	--	--
MW-15	3/18/2021	119	<392	<392	**17.4**	<1.00	<1.00	<3.00	--	--
MW-15	9/16/2021	120	110	<96	**6.4**	<1.0	<1.0	<2.0	--	--
MW-15	3/4/2022	130	<96	<96	**12**	<1.0	<1.0	<2.0	--	--
MW-15	9/1/2022	<100	110	<96	4.1	<1.0	<1.0	<2.0	--	--
MW-16	2/29/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16	5/16/2012	68.7	120	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16	9/5/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16	11/14/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16	2/6/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16	5/8/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16	8/21/2013	<100	<400	<400	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
MW-16	11/26/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16	2/3/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16	5/8/2014	<50	<28	<48	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-16	8/15/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16 (DUP)	8/15/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16	11/21/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16	2/18/2015	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-16	11/17/2016	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--
MW-16	2/17/2017	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-16	5/25/2017	<100	<500	<500	<1.0	<1.0	<1.0	<3.0	--	--
MW-16	9/27/2017	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-16	12/13/2017	405	<410	<410	2.8	8.8	6.4	55.2	--	--
MW-16	2/28/2018	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	--	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
Sample Location	Date	TPHg	TPHd	TPHo	B	T	E	X	MTBE	Ethanol
MTCA Method A Screening Levels:		800	500	500	5	1,000	700	1,000	20	--
MW-16	6/26/2018	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	--	--
MW-16	8/28/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-16	12/18/2018	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-16	3/14/2019	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	--	--
MW-16	9/24/2019	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	--	--
MW-16 (DUP)	9/24/2019	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-16	2/25/2020	<100	<500	<500	<1.0	<1.0	<1.0	<3.0	--	--
MW-16	9/17/2020	<100	<455	<455	<1.00	<1.00	<1.00	<3.00	--	--
MW-16 (DUP)	9/17/2020	<100	<400	<400	<1.00	<1.00	<1.00	<3.00	--	--
MW-16	3/17/2021	<100	<392	<392	<1.00	<1.00	<1.00	<3.00	--	--
MW-16	9/15/2021	<100	<97	<97	<0.50	<1.0	<1.0	<2.0	--	--
MW-16	3/3/2022	<100	<98	<98	<0.50	<1.0	<1.0	<2.0	--	--
MW-16	8/31/2022	<100	94	<94	<0.50	<1.0	<1.0	<2.0	--	--
MW-17	9/5/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-17	11/16/2012	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-17	2/6/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-17	5/7/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-17	8/21/2013	<100	430	<420	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
MW-17	11/26/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-17	2/6/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
MW-17	5/9/2014	<50	<28	<48	<0.15	<0.11	<0.16	<0.40	<0.17	--
MW-17	11/18/2016	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--
MW-17	5/25/2017	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-17	9/27/2017	<100 J	<390	<390	<1.0 J	<1.0 J	<1.0 J	<3.0 J	--	--
MW-17	12/12/2017	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--
MW-17	2/28/2018	<100	<390	<390	<1.0 J	<1.0 J	<1.0 J	<3.0 J	--	--
MW-17	6/26/2018	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-17	8/28/2018	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--
MW-17	12/18/2018	<100	<400	<400	<1.0 J	<1.0 J	<1.0 J	<3.0 J	--	--
DW-1	11/15/2011	<50.0	<75	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-1	2/28/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-1	5/16/2012	<50.0	<76	<380	**10.9**	<1.0	<1.0	<3.0	<1.0	--
DW-1	9/4/2012	<50.0	<77	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-1	11/13/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-1	2/5/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-1	5/1/2013	<100	<200	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-1	8/14/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-1	11/22/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-1	2/13/2014	<100	<400	<400	2	<1.0	<1.0	<3.0	<1.0	--
DW-1	4/30/2014	<50	<48	<28	<0.15	<0.11	<0.16	<0.40	<0.17	--
DW-2	11/16/2011	**33,800**	340	<380	**638**	**2,280**	699	**3,820**	4.8	--
DW-2	2/23/2012	**8,730**	430	<380	**132**	281	225	**1,330**	5.8	--
DW-2 (DUP)	2/23/2012	**8,190**	380	<380	**128**	292	234	**1,330**	6.2	--
DW-2	5/9/2012	**4,150**	390	<380	**54.4**	34.4	72.0	407	4.6	--
DW-2	8/24/2012	**1,360**	98	<410	**44.6**	8.9	26.5	120	1.7	--
DW-2	11/6/2012	**1,060**	140	<110	**49.1**	2.4	19.5	48.3J	<1.0	--
DW-2	1/31/2013	434	<450	<450	**11.9**	<1.0	6.5	9.2	<1.0	--
DW-2	4/30/2013	378	<200	<200	**14.7**	<1.0	3.3	15.5	<1.0	--
DW-2 (DUP)	4/30/2013	321	<200	<200	**15.1**	<1.0	3	14.6	<1.0	--
DW-2	8/23/2013	**821**	<420	<420	**13**	1.3 J	3.4	10.1	1.4	--
DW-2 (DUP)	8/23/2013	733	<400	<400	**12.9**	1.3	3.1	10.1	1.4	--
DW-2	11/21/2013	326	<400	<400	**5.9**	<1.0	<1.0	13.1	<1.0	--
DW-2	2/12/2014	395	<400	450	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-2	4/29/2014	333	48	<28	1.4	1.1	<0.16	3.4	2.1	--

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			*PRIMARY VOCs*				*OXYGENATES*	
Sample Location	*Date*	*TPHg*	*TPHd*	*TPHo*	*B*	*T*	*E*	*X*	*MTBE*	*Ethanol*
MTCA Method A Screening Levels:		*800*	*500*	*500*	*5*	*1,000*	*700*	*1,000*	*20*	*--*
DW-3	11/17/2011	<50.0	<75	<380	<1.0	<1.0	1.3	<3.0	<1.0	--
DW-3	2/21/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-3	5/15/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-3	8/28/2012	<50.0	<81	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-3	11/9/2012	<100	<120	<120	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-3	1/30/2013	<100	<490	<490	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-3	5/1/2013	<100	<200	<600	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-3	8/15/2013	<100	<420	<420	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-3	11/19/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-3	2/5/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-3	5/1/2014	<50	410	**2,200**	<0.15	<0.11	<0.16	<0.40	<0.17	--
DW-4	9/5/2012	<50.0	<76	<380	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-4	11/16/2012	<100	<110	<110	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-4	2/6/2013	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-4	5/7/2013	<100	<200	<200	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-4	8/21/2013	<100	<420	<420	<1.0 J	<1.0 J	<1.0 J	<3.0 J	<1.0 J	--
DW-4	11/26/2013	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-4	2/6/2014	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--
DW-4	5/9/2014	<50	<29	<50	<0.15	<0.11	<0.16	<0.40	<0.17	--
Retention Pond	6/3/2004	**36,200**	--	--	**7,860**	**6,920**	792	**3,260**	--	--
Retention Pond	4/19/2006	**38,000**	**2,800**	<1000	**2,100**	**4,400**	180	**3,300**	NA	--
Retention Pond	2/19/2007	**16,000**	**1,400**	140	**1,600**	**2,500**	100	**1,500**	2	--

Notes: Not analyzed.
NA Not detected above reporting limit.
U Estimated
J Extension on well nomenclature signifies well extended by SECOR 07/05
x micrograms per liter
µg/L Results in the diesel organics range are due to overlap from a gasoline range product.
(a) Chromatogram suggest this might be aged or degraded diesel.
(b) Contaminant does not appear to be typical product.
(d) The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes earlier and later in the DRO range
(e) The reporting limits were raised because sample dilution was necessary to bring target compounds into the calibration range of the system
(f) Due to insufficient sample size, the lab was unable to report their usual reporting limits.
(g) The values reported represent the lowest reporting limits obtainable. The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes earlier and later in the DRO range.
The observed sample pattern is not typical of #2 diesel fuel. It elutes in the DRO range earlier than #2 fuel.
(h) Accurate surrogate recoveries could not be determinec due to the dilution required for analysis of the sample.
The observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to an individual peak(s) eluting in the DRO range.
(i) The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.
(j) Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.
(k) The concentration reported for toluene is estimated since it exceeded the calibration range of the intrument.
(l) Because only one sample vial was submitted for this analysis, a further dilted analysis could not be performed.
Insufficient water to fill all sample bottles.
(m) The reporting limits for the GC/MS volatile compounds were raised due to sample foaming.
(n) Due to excessive foaming of the sample, normal reporting limits were not attained.
(o) Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.
(p) Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.
(q) The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.
Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.
(s) MTCA Method A levels for TPH-g are 1,000 ug/l when ho benzene is present and 800 ug/l when benzene is present.
(t) Well LAIx-2 labeled LAI-2 in the analytical report and Chain-Of-Custody.
(u) Well LAIx-3 labeled LAI-2 in the analytical report and Chain-Of-Custody.
(v) Ethanol sampled 3Q08 and 1Q09
(w) The GRO value is estimated because the value is over the calibration range of the system. The sample was not reanalyzed because the hold time has expired.
(x) The GC/MS volatile results were obtained from a vial with headspace.
(y) The initial analyses of this sample were unable to be reported due to carryover issues and QC spiking
The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.

Table 6

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

		HYDROCARBONS			*PRIMARY VOCs*				*OXYGENATES*	
Sample Location	***Date***	***TPHg***	***TPHd***	***TPHo***	***B***	***T***	***E***	***X***	***MTBE***	***Ethanol***
MTCA Method A Screening Levels:		***800***	***500***	***500***	***5***	***1,000***	***700***	***1,000***	***20***	**--**

(z) The analytical data is from Acton Mickelson Environmental, Inc. sampling on 8/26/2008 and 8/27/2008.
(1) A-01 Contamination elutes between C18 and C40 and does not match any standards in TestAmerica's reference library.
(2) A-01a Contamination elutes between C8 and C18 and does not match any standards in TestAmerica's reference library.
(3) A-01b Contamination elutes between C8 and C28 and does not match any standards in TestAmerica's reference library.
(4) A-01c Contamination elutes between C8 and C40 and does not match any standards in TestAmerica's reference library.
(5) M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
(6) RL1 Reporting limit raised due to sample matrix effects.
(7) H1 = Analysis conducted outside the EPA method holding time.
(8) 2n = The internal standard response is outside the QC criteria. Results may be biased low.
(9) Sample was diluted due to the presence of high levels of target analytes.
(10) Analyte concentration exceeded the calibration range. The reported result is estimated.
(E) Result confirmed by second analysis.
(C0) Matrix Spike recovery exceeded the QC limits. Batch accepted based on laboratory control sample recovery.
(M1) This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result shoule be considered an estimate.
(SS)

Appendices

Appendix A

O&M Laboratory Analytical Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-103351-1
Client Project/Site: P66 Renton Terminal AOC 5228 / 12572873

For:
GHD Services Inc.
9725 3rd Avenue NE, Suite 204
Seattle, Washington 98115

Attn: Fabio Minervini

Vik Patel

Authorized for release by:
7/26/2022 10:00:08 AM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc. Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Job ID: 570-103351-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-103351-1

Comments
No additional comments.

Receipt
The samples were received on 7/16/2022 11:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 22.0º C.

Air Toxics
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc.
Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: A-LP-INF
Lab Sample ID: 570-103351-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	63		0.50		ppb v/v	1		TO-15	Total/NA
Ethylbenzene	29		0.50		ppb v/v	1		TO-15	Total/NA
o-Xylene	52		0.50		ppb v/v	1		TO-15	Total/NA
m,p-Xylene	140		2.0		ppb v/v	1		TO-15	Total/NA
Xylenes, Total	190		2.5		ppb v/v	1		TO-15	Total/NA
Toluene - DL	180		2.5		ppb v/v	5		TO-15	Total/NA
Gasoline Range Organics (C6-C12)	5.4		1.0		ppm v/v	1		TO3	Total/NA

Client Sample ID: A-LP-EFF
Lab Sample ID: 570-103351-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1.3		0.50		ppb v/v	1		TO-15	Total/NA
Toluene	1.1		0.50		ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc. Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Client Sample ID: A-LP-INF **Lab Sample ID: 570-103351-1**
Date Collected: 07/14/22 13:00 **Matrix: Air**
Date Received: 07/16/22 11:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**63**		0.50		ppb v/v			07/24/22 05:52	1
Ethylbenzene	**29**		0.50		ppb v/v			07/24/22 05:52	1
o-Xylene	**52**		0.50		ppb v/v			07/24/22 05:52	1
m,p-Xylene	**140**		2.0		ppb v/v			07/24/22 05:52	1
Xylenes, Total	**190**		2.5		ppb v/v			07/24/22 05:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 132*		*07/24/22 05:52*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*07/24/22 05:52*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*07/24/22 05:52*	*1*

Client Sample ID: A-LP-EFF **Lab Sample ID: 570-103351-2**
Date Collected: 07/14/22 12:45 **Matrix: Air**
Date Received: 07/16/22 11:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.3**		0.50		ppb v/v			07/24/22 05:07	1
Ethylbenzene	ND		0.50		ppb v/v			07/24/22 05:07	1
o-Xylene	ND		0.50		ppb v/v			07/24/22 05:07	1
m,p-Xylene	ND		2.0		ppb v/v			07/24/22 05:07	1
Toluene	**1.1**		0.50		ppb v/v			07/24/22 05:07	1
Xylenes, Total	ND		2.5		ppb v/v			07/24/22 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 132*		*07/24/22 05:07*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*07/24/22 05:07*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*07/24/22 05:07*	*1*

Client: GHD Services Inc.
Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Client Sample ID: A-LP-INF
Lab Sample ID: 570-103351-1
Date Collected: 07/14/22 13:00
Matrix: Air
Date Received: 07/16/22 11:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**180**		2.5		ppb v/v			07/24/22 06:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 132*		*07/24/22 06:31*	*5*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*07/24/22 06:31*	*5*
Toluene-d8 (Surr)	*101*		*70 - 130*		*07/24/22 06:31*	*5*

Client: GHD Services Inc.
Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: TO3 - Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC)

Client Sample ID: A-LP-INF
Lab Sample ID: 570-103351-1
Date Collected: 07/14/22 13:00
Matrix: Air
Date Received: 07/16/22 11:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	**5.4**		1.0		ppm v/v			07/22/22 17:57	1

Client Sample ID: A-LP-EFF
Lab Sample ID: 570-103351-2
Date Collected: 07/14/22 12:45
Matrix: Air
Date Received: 07/16/22 11:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	ND		1.0		ppm v/v			07/22/22 16:54	1

Surrogate Summary

Client: GHD Services Inc.
Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(66-132)	(70-130)	(70-130)
570-103351-1	A-LP-INF	103	111	99
570-103351-1 - DL	A-LP-INF	107	100	101
570-103351-2	A-LP-EFF	101	102	101
LCS 570-251500/3	Lab Control Sample	105	101	99
LCSD 570-251500/4	Lab Control Sample Dup	105	105	100
MB 570-251500/7	Method Blank	104	98	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 570-251500/7
Matrix: Air
Analysis Batch: 251500

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ppb v/v			07/23/22 20:11	1
Ethylbenzene	ND		0.50		ppb v/v			07/23/22 20:11	1
o-Xylene	ND		0.50		ppb v/v			07/23/22 20:11	1
m,p-Xylene	ND		2.0		ppb v/v			07/23/22 20:11	1
Toluene	ND		0.50		ppb v/v			07/23/22 20:11	1
Xylenes, Total	ND		2.5		ppb v/v			07/23/22 20:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 132*		*07/23/22 20:11*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*07/23/22 20:11*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*07/23/22 20:11*	*1*

Lab Sample ID: LCS 570-251500/3
Matrix: Air
Analysis Batch: 251500

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			25.0	24.73		ppb v/v		99	68 - 134		
Ethylbenzene			25.0	24.86		ppb v/v		99	70 - 130		
o-Xylene			25.0	24.66		ppb v/v		99	68 - 130		
m,p-Xylene			50.0	49.77		ppb v/v		100	70 - 130		
Toluene			25.0	24.44		ppb v/v		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 132*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 570-251500/4
Matrix: Air
Analysis Batch: 251500

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			25.0	24.35		ppb v/v		97	68 - 134	2	25
Ethylbenzene			25.0	25.04		ppb v/v		100	70 - 130	1	25
o-Xylene			25.0	24.57		ppb v/v		98	68 - 130	0	25
m,p-Xylene			50.0	50.09		ppb v/v		100	70 - 130	1	25
Toluene			25.0	24.51		ppb v/v		98	70 - 130	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 132*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Client: GHD Services Inc.
Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: TO3 - Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC)

Lab Sample ID: MB 570-251219/3
Matrix: Air
Analysis Batch: 251219

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	ND		1.0		ppm v/v			07/22/22 12:40	1

Lab Sample ID: LCS 570-251219/2
Matrix: Air
Analysis Batch: 251219

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C6-C12)			100	93.27		ppm v/v		93	80 - 120		

QC Association Summary

Client: GHD Services Inc.
Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Air - GC/MS VOA

Analysis Batch: 251500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103351-1	A-LP-INF	Total/NA	Air	TO-15	
570-103351-1 - DL	A-LP-INF	Total/NA	Air	TO-15	
570-103351-2	A-LP-EFF	Total/NA	Air	TO-15	
MB 570-251500/7	Method Blank	Total/NA	Air	TO-15	
LCS 570-251500/3	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-251500/4	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 251219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103351-1	A-LP-INF	Total/NA	Air	TO3	
570-103351-2	A-LP-EFF	Total/NA	Air	TO3	
MB 570-251219/3	Method Blank	Total/NA	Air	TO3	
LCS 570-251219/2	Lab Control Sample	Total/NA	Air	TO3	

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: A-LP-INF — Lab Sample ID: 570-103351-1

Date Collected: 07/14/22 13:00 **Matrix: Air**
Date Received: 07/16/22 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	251500	07/24/22 05:52	T1W	ECL 4
	Instrument ID: GCMSLLL									
Total/NA	Analysis	TO-15	DL	5	250 mL	250 mL	251500	07/24/22 06:31	T1W	ECL 4
	Instrument ID: GCMSLLL									
Total/NA	Analysis	TO3		1	10 mL	10 mL	251219	07/22/22 17:57	QXZ2	ECL 4
	Instrument ID: GC38									

Client Sample ID: A-LP-EFF — Lab Sample ID: 570-103351-2

Date Collected: 07/14/22 12:45 **Matrix: Air**
Date Received: 07/16/22 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	251500	07/24/22 05:07	T1W	ECL 4
	Instrument ID: GCMSLLL									
Total/NA	Analysis	TO3		1	10 mL	10 mL	251219	07/22/22 16:54	QXZ2	ECL 4
	Instrument ID: GC38									

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	01-31-23
Washington	State	C916-18	10-12-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	m,p-Xylene
TO-15		Air	o-Xylene

Method Summary

Client: GHD Services Inc.
Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	ECL 4
TO3	Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC)	EPA	ECL 4

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Job ID: 570-103351-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-103351-1	A-LP-INF	Air	07/14/22 13:00	07/16/22 11:20	Air Canister (1-Liter) #LC402
570-103351-2	A-LP-EFF	Air	07/14/22 12:45	07/16/22 11:20	Air Canister (1-Liter) #LC714

Eurofins | Calscience

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus.com or call us

570-103351 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE 7/14/22

PAGE 1 OF 1

LABORATORY CLIENT: GHD Services Inc	CLIENT PROJECT NAME / NUMBER: P66 Renton Terminal AOC 5228 / 11226464
ADDRESS: 9725 3rd Avenue NE Ste 204	P O NO: 11226464-2021-04
CITY: Seattle STATE: WA ZIP: 98115	PROJECT CONTACT: ~~Eric Maise 425-563-3260~~ Rosemary Bir ~~Matt Davis 253-507-6217~~ 206-502-1595
TEL: ~~253-507-6217~~ 206-502-1595 E-MAIL: ~~matthew.davis@ghd~~ Rosemary.Bir@GHD.com	SAMPLER(S) (PRINT): ~~Joe Lewandowski~~ Luca Pisciotta

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF | GLOBAL ID: | LOG CODE:

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	GRO (TO-3)	BTEX (TO-15)	LAB ID
	A- - LP - INF	7/14/22	1300	A	1	X			X	X	LC 402
	A- - LP - EFF	7/14/22	1245	A	1	X			X	X	LC 714

Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time
Luca Pisciotta GHD 07/14/22 1600	Feder		
Feder	Matt Davis IEC	7/16/22	1120

8/25/21 Revision

570-103351 Waybill

QEA (503) 956-5391
TRILLO
9725 3RD AVE NE
SEATTLE, WA 98115
UNITED STATES US

SHIP DATE: 15JUL22
ACTWGT: 5.70 LB
CAD: 6990437/SSF02321
DIMS: 13x10x9 IN
BILL THIRD PARTY

Part # 156297-435 RRDB2 EXP 09/22

TO ATTN: SAMPLES
EUROFINS CALSCIENCE IRIVE
2841 DOW AVE STE 100

TUSTIN CA 92780
(000) 000-0000 REF:
INV:
PO: DEPT:

FedE
Expre

2 of 2
MPS# 0263 2755 9816 4489
Mstr# 2755 9816 4478 0201

SATURDAY 12:0
PRIORITY OVERNIGI

WO DTHA

9278
CA-US SN

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-103351-1

Login Number: 103351
List Number: 1
Creator: Ortiz-Luis, Michael

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-103358-1
Client Project/Site: P66 Renton Terminal AOC 5228 / 12572873

For:
GHD Services Inc.
9725 3rd Avenue NE, Suite 204
Seattle, Washington 98115

Attn: Fabio Minervini

Vik Patel

Authorized for release by:
7/26/2022 9:53:07 AM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 570-103358-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-103358-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-103358-1

Comments
No additional comments.

Receipt
The samples were received on 7/16/2022 11:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1º C.

Receipt Exceptions

A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

GC/MS VOA
Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-250192. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C SGC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-251342. 8015B_DRO. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc.
Job ID: 570-103358-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-071422-LP-INF 1
Lab Sample ID: 570-103358-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	2100		25		ug/L	50		8260C	Total/NA
Toluene	3600		50		ug/L	50		8260C	Total/NA
o-Xylene	1500		50		ug/L	50		8260C	Total/NA
m,p-Xylene	3600		100		ug/L	50		8260C	Total/NA
Ethylbenzene	580		50		ug/L	50		8260C	Total/NA
Xylenes, Total	5100		100		ug/L	50		8260C	Total/NA
TPH as Gasoline (C4-C13)	28000		1000		ug/L	10		NWTPH-Gx	Total/NA
TPH as Diesel Range - RA	1.7		0.098		mg/L	1		NWTPH-Dx	Silica Gel Cleanup

Client Sample ID: GW-071422-LP-MID 1
Lab Sample ID: 570-103358-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	360		2.0		ug/L	4		8260C	Total/NA
Toluene	130		4.0		ug/L	4		8260C	Total/NA
o-Xylene	19		4.0		ug/L	4		8260C	Total/NA
m,p-Xylene	48		8.0		ug/L	4		8260C	Total/NA
Ethylbenzene	6.0		4.0		ug/L	4		8260C	Total/NA
Xylenes, Total	67		8.0		ug/L	4		8260C	Total/NA
TPH as Gasoline (C4-C13)	830		100		ug/L	1		NWTPH-Gx	Total/NA

Client Sample ID: GW-071422-LP-MID 2
Lab Sample ID: 570-103358-3

No Detections.

This Detection Summary does not include radiochemical test results.

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: GW-071422-LP-INF 1 **Lab Sample ID: 570-103358-1**
Date Collected: 07/14/22 12:30 **Matrix: Water**
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2100**		25		ug/L			07/19/22 17:44	50
Toluene	**3600**		50		ug/L			07/19/22 17:44	50
o-Xylene	**1500**		50		ug/L			07/19/22 17:44	50
m,p-Xylene	**3600**		100		ug/L			07/19/22 17:44	50
Ethylbenzene	**580**		50		ug/L			07/19/22 17:44	50
Xylenes, Total	**5100**		100		ug/L			07/19/22 17:44	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 123*		*07/19/22 17:44*	*50*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*07/19/22 17:44*	*50*
Dibromofluoromethane (Surr)	*106*		*78 - 120*		*07/19/22 17:44*	*50*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/19/22 17:44*	*50*

Client Sample ID: GW-071422-LP-MID 1 **Lab Sample ID: 570-103358-2**
Date Collected: 07/14/22 12:15 **Matrix: Water**
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**360**		2.0		ug/L			07/19/22 18:06	4
Toluene	**130**		4.0		ug/L			07/19/22 18:06	4
o-Xylene	**19**		4.0		ug/L			07/19/22 18:06	4
m,p-Xylene	**48**		8.0		ug/L			07/19/22 18:06	4
Ethylbenzene	**6.0**		4.0		ug/L			07/19/22 18:06	4
Xylenes, Total	**67**		8.0		ug/L			07/19/22 18:06	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 123*		*07/19/22 18:06*	*4*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*07/19/22 18:06*	*4*
Dibromofluoromethane (Surr)	*105*		*78 - 120*		*07/19/22 18:06*	*4*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/19/22 18:06*	*4*

Client Sample ID: GW-071422-LP-MID 2 **Lab Sample ID: 570-103358-3**
Date Collected: 07/14/22 12:00 **Matrix: Water**
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/19/22 16:40	1
Toluene	ND		1.0		ug/L			07/19/22 16:40	1
o-Xylene	ND		1.0		ug/L			07/19/22 16:40	1
m,p-Xylene	ND		2.0		ug/L			07/19/22 16:40	1
Ethylbenzene	ND		1.0		ug/L			07/19/22 16:40	1
Xylenes, Total	ND		2.0		ug/L			07/19/22 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 123*		*07/19/22 16:40*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*07/19/22 16:40*	*1*
Dibromofluoromethane (Surr)	*106*		*78 - 120*		*07/19/22 16:40*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/19/22 16:40*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Client Sample ID: GW-071422-LP-INF 1
Lab Sample ID: 570-103358-1
Date Collected: 07/14/22 12:30
Matrix: Water
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	**28000**		1000		ug/L			07/18/22 17:07	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*50 - 150*		*07/18/22 17:07*	*10*

Client Sample ID: GW-071422-LP-MID 1
Lab Sample ID: 570-103358-2
Date Collected: 07/14/22 12:15
Matrix: Water
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	**830**		100		ug/L			07/18/22 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*50 - 150*		*07/18/22 16:19*	*1*

Client Sample ID: GW-071422-LP-MID 2
Lab Sample ID: 570-103358-3
Date Collected: 07/14/22 12:00
Matrix: Water
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			07/18/22 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*50 - 150*		*07/18/22 16:43*	*1*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup - Silica Gel Cleanup

Client Sample ID: GW-071422-LP-MID 1 **Lab Sample ID: 570-103358-2**
Date Collected: 07/14/22 12:15 **Matrix: Water**
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.095		mg/L		07/22/22 14:50	07/25/22 11:58	1
TPH as Motor Oil Range	ND		0.095		mg/L		07/22/22 14:50	07/25/22 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*151*	*S1+*	*50 - 150*	*07/22/22 14:50*	*07/25/22 11:58*	*1*

Client Sample ID: GW-071422-LP-MID 2 **Lab Sample ID: 570-103358-3**
Date Collected: 07/14/22 12:00 **Matrix: Water**
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.094		mg/L		07/22/22 14:50	07/25/22 12:19	1
TPH as Motor Oil Range	ND		0.094		mg/L		07/22/22 14:50	07/25/22 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*125*		*50 - 150*	*07/22/22 14:50*	*07/25/22 12:19*	*1*

Client: GHD Services Inc. Job ID: 570-103358-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup - Silica Gel Cleanup - RA

Client Sample ID: GW-071422-LP-INF 1 **Lab Sample ID: 570-103358-1**
Date Collected: 07/14/22 12:30 **Matrix: Water**
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**1.7**		0.098		mg/L		07/22/22 14:50	07/25/22 14:24	1
TPH as Motor Oil Range	ND		0.098		mg/L		07/22/22 14:50	07/25/22 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*141*		*50 - 150*	*07/22/22 14:50*	*07/25/22 14:24*	*1*

Surrogate Summary

Client: GHD Services Inc.
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Job ID: 570-103358-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-103358-1	GW-071422-LP-INF 1	110	102	106	102
570-103358-2	GW-071422-LP-MID 1	110	103	105	103
570-103358-3	GW-071422-LP-MID 2	111	102	106	102
LCS 570-250192/4	Lab Control Sample	110	103	106	103
LCSD 570-250192/5	Lab Control Sample Dup	108	104	105	102
MB 570-250192/7	Method Blank	109	100	104	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-103358-1	GW-071422-LP-INF 1	105
570-103358-2	GW-071422-LP-MID 1	89
570-103358-3	GW-071422-LP-MID 2	91
LCS 570-249848/4	Lab Control Sample	97
LCSD 570-249848/5	Lab Control Sample Dup	102
MB 570-249848/6	Method Blank	89

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Matrix: Water — **Prep Type: Silica Gel Cleanup**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-103358-1 - RA	GW-071422-LP-INF 1	141
570-103358-2	GW-071422-LP-MID 1	151 S1+
570-103358-3	GW-071422-LP-MID 2	125
LCS 570-251342/2-A	Lab Control Sample	112
LCSD 570-251342/3-A	Lab Control Sample Dup	114
MB 570-251342/1-A	Method Blank	122

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 570-250192/7
Matrix: Water
Analysis Batch: 250192

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/19/22 12:47	1
Toluene	ND		1.0		ug/L			07/19/22 12:47	1
o-Xylene	ND		1.0		ug/L			07/19/22 12:47	1
m,p-Xylene	ND		2.0		ug/L			07/19/22 12:47	1
Ethylbenzene	ND		1.0		ug/L			07/19/22 12:47	1
Xylenes, Total	ND		2.0		ug/L			07/19/22 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 123*		*07/19/22 12:47*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*07/19/22 12:47*	*1*
Dibromofluoromethane (Surr)	*104*		*78 - 120*		*07/19/22 12:47*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/19/22 12:47*	*1*

Lab Sample ID: LCS 570-250192/4
Matrix: Water
Analysis Batch: 250192

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	19.81		ug/L		99	76 - 120		
Toluene			20.0	20.23		ug/L		101	76 - 120		
o-Xylene			20.0	20.15		ug/L		101	80 - 121		
m,p-Xylene			40.0	39.61		ug/L		99	74 - 122		
Ethylbenzene			20.0	19.83		ug/L		99	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 123*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*78 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 570-250192/5
Matrix: Water
Analysis Batch: 250192

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	19.92		ug/L		100	76 - 120	1	20
Toluene			20.0	20.39		ug/L		102	76 - 120	1	20
o-Xylene			20.0	20.52		ug/L		103	80 - 121	2	20
m,p-Xylene			40.0	40.37		ug/L		101	74 - 122	2	20
Ethylbenzene			20.0	20.23		ug/L		101	80 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 123*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*78 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 570-249848/6
Matrix: Water
Analysis Batch: 249848

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			07/18/22 13:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*50 - 150*		*07/18/22 13:30*	*1*

Lab Sample ID: LCS 570-249848/4
Matrix: Water
Analysis Batch: 249848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)			1990	2169		ug/L		109	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*50 - 150*

Lab Sample ID: LCSD 570-249848/5
Matrix: Water
Analysis Batch: 249848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			1990	2200		ug/L		111	76 - 128	1	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*50 - 150*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Lab Sample ID: MB 570-251342/1-A
Matrix: Water
Analysis Batch: 251675

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 251342

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		07/22/22 14:50	07/25/22 11:17	1
TPH as Motor Oil Range	ND		0.10		mg/L		07/22/22 14:50	07/25/22 11:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*122*		*50 - 150*	*07/22/22 14:50*	*07/25/22 11:17*	*1*

Lab Sample ID: LCS 570-251342/2-A
Matrix: Water
Analysis Batch: 251675

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 251342

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			4.00	4.184		mg/L		105	68 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*112*		*50 - 150*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup (Continued)

Lab Sample ID: LCSD 570-251342/3-A
Matrix: Water
Analysis Batch: 251675

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 251342

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			4.00	4.064		mg/L		102	68 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*114*		*50 - 150*

QC Association Summary

Client: GHD Services Inc.
Job ID: 570-103358-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

GC/MS VOA

Analysis Batch: 250192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103358-1	GW-071422-LP-INF 1	Total/NA	Water	8260C	
570-103358-2	GW-071422-LP-MID 1	Total/NA	Water	8260C	
570-103358-3	GW-071422-LP-MID 2	Total/NA	Water	8260C	
MB 570-250192/7	Method Blank	Total/NA	Water	8260C	
LCS 570-250192/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 570-250192/5	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 249848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103358-1	GW-071422-LP-INF 1	Total/NA	Water	NWTPH-Gx	
570-103358-2	GW-071422-LP-MID 1	Total/NA	Water	NWTPH-Gx	
570-103358-3	GW-071422-LP-MID 2	Total/NA	Water	NWTPH-Gx	
MB 570-249848/6	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-249848/4	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-249848/5	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 251342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103358-1 - RA	GW-071422-LP-INF 1	Silica Gel Cleanup	Water	3510C SGC	
570-103358-2	GW-071422-LP-MID 1	Silica Gel Cleanup	Water	3510C SGC	
570-103358-3	GW-071422-LP-MID 2	Silica Gel Cleanup	Water	3510C SGC	
MB 570-251342/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	
LCS 570-251342/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 570-251342/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 251675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103358-1 - RA	GW-071422-LP-INF 1	Silica Gel Cleanup	Water	NWTPH-Dx	251342
570-103358-2	GW-071422-LP-MID 1	Silica Gel Cleanup	Water	NWTPH-Dx	251342
570-103358-3	GW-071422-LP-MID 2	Silica Gel Cleanup	Water	NWTPH-Dx	251342
MB 570-251342/1-A	Method Blank	Silica Gel Cleanup	Water	NWTPH-Dx	251342
LCS 570-251342/2-A	Lab Control Sample	Silica Gel Cleanup	Water	NWTPH-Dx	251342
LCSD 570-251342/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	NWTPH-Dx	251342

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-103358-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-071422-LP-INF 1 — Lab Sample ID: 570-103358-1

Date Collected: 07/14/22 12:30 — **Matrix: Water**
Date Received: 07/16/22 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	5 mL	5 mL	250192	07/19/22 17:44	OH1	ECL 4
	Instrument ID: GCMSZ									
Total/NA	Analysis	NWTPH-Gx		10	5 mL	5 mL	249848	07/18/22 17:07	A9VE	ECL 4
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC	RA		256.3 mL	2.5 mL	251342	07/22/22 14:50	UFLU	ECL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx	RA	1			251675	07/25/22 14:24	N5Y3	ECL 4
	Instrument ID: GC48									

Client Sample ID: GW-071422-LP-MID 1 — Lab Sample ID: 570-103358-2

Date Collected: 07/14/22 12:15 — **Matrix: Water**
Date Received: 07/16/22 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	5 mL	5 mL	250192	07/19/22 18:06	OH1	ECL 4
	Instrument ID: GCMSZ									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	249848	07/18/22 16:19	A9VE	ECL 4
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			262.7 mL	2.5 mL	251342	07/22/22 14:50	UFLU	ECL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1			251675	07/25/22 11:58	N5Y3	ECL 4
	Instrument ID: GC48									

Client Sample ID: GW-071422-LP-MID 2 — Lab Sample ID: 570-103358-3

Date Collected: 07/14/22 12:00 — **Matrix: Water**
Date Received: 07/16/22 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	250192	07/19/22 16:40	OH1	ECL 4
	Instrument ID: GCMSZ									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	249848	07/18/22 16:43	A9VE	ECL 4
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			266.6 mL	2.5 mL	251342	07/22/22 14:50	UFLU	ECL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1			251675	07/25/22 12:19	N5Y3	ECL 4
	Instrument ID: GC48									

Laboratory References:
ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 570-103358-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	01-31-23
Washington	State	C916-18	10-12-22

Method Summary

Client: GHD Services Inc.
Job ID: 570-103358-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ECL 4
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	ECL 4
NWTPH-Dx	Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup	NWTPH	ECL 4
3510C SGC	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 4
5030C	Purge and Trap	SW846	ECL 4

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Job ID: 570-103358-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-103358-1	GW-071422-LP-INF 1	Water	07/14/22 12:30	07/16/22 11:20
570-103358-2	GW-071422-LP-MID 1	Water	07/14/22 12:15	07/16/22 11:20
570-103358-3	GW-071422-LP-MID 2	Water	07/14/22 12:00	07/16/22 11:20

103358

CHAIN OF CUSTODY RECORD

eurofins | Calscience

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

WO # / LAB USE ONLY

DATE 7/14/22

PAGE 1 OF 1

LABORATORY CLIENT: GHD Services Inc

ADDRESS: 9725 3rd Avenue NE Ste 204

CITY: Seattle STATE: WA ZIP: 98115

TEL: ~~253-507-6217~~ 206-402-1595

E-MAIL: ~~matthew.davis@ghd~~ Rosemary.Bier@GHD.com

CLIENT PROJECT NAME / NUMBER: P66 Renton Terminal AOC 5228 / 11226464

P O NO: 11226464-2021-04

PROJECT CONTACT: ~~Eric Malse 425-563-3260~~ Rosemary Bier ~~Matt Davis 253-507-6217~~ 206-402-1595

SAMPLER(S) (PRINT): ~~Joe Lewandowski~~ Luca Pisciotta

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS

Laboratory composite EFF 1, 2, 3 ,4 samples for BTEX and TPHg
Laboratory composite EFF 5, 6, 7 samples for Oil & Grease

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	DRO/ORO (NWTPH-Dx)	GRO (NWTPH-Gx)	BTEX (8260)	Oil & Grease (1664)										
	GW- 071422 -LP- INF 1		1230	GW	8		X		X	X	X											
	GW- 071422 -LP- MID 1		1215	GW	8		X		X	X	X											
	GW- 071422 -LP- MID 2		1200	GW	8		X		X	X	X											
	~~GW- - EFF~~			~~GW~~			X		X													
	~~GW- EFF 1~~			~~GW~~			X			X	X											Lab composite
	~~GW- - EFF 2~~			GW			X			X	X											Lab composite
	~~GW- EFF 3~~			GW			X			X	X											Lab composite
	~~GW- - EFF 4~~			GW			X			X	X											Lab composite
	~~GW- - EFF 5~~			~~GW~~			X					X										Lab composite
	~~GW- - EFF 6~~			GW			X					X										Lab composite
	~~GW- - EFF 7~~			GW			X					X										Lab composite

570-103358 Chain of Custody

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Luca Pisciotta GHD 07/14/22 1600	Lee Leuthi EC	7/16/22	11:20
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

8/25/21 Revision

2.8/3.1 Sell


ORIGIN ID:UQEA (503) 956-5391
LUCA PISCITELLO
9725 3RD AVE NE
SEATTLE, WA 98115
UNITED STATES US
SHIP DATE: 15JUL22
ACTWGT: 42.85 LB
CAD: 6990437/SSFO2321
DIMS: 26x14x14 IN
BILL THIRD PARTY
TO ATTN: SAMPLES
EUROFINS CALSCIENCE IRIVE
2841 DOW AVE STE 100
TUSTIN CA 92780
(000) 000-0000
REF:
PO:
DEPT:
FedE
Expre
1 of 2
TRK# 0201 2755 9816 4478
SATURDAY 12:0
PRIORITY OVERNIGI
MASTER
WO DTHA
9278
CA-US SN
570-103358 Waybill
Part #156297-435 RRDB2 EXP:09/22

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-103358-1

Login Number: 103358
List Number: 1
Creator: Lizotte, Lex

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-103360-1
Client Project/Site: P66 Renton Terminal AOC 5228 / 11226464

For:
GHD Services Inc.
9725 3rd Avenue NE, Suite 204
Seattle, Washington 98115

Attn: Fabio Minervini

Vik Patel

Authorized for release by:
7/28/2022 10:32:01 AM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 570-103360-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-103360-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-103360-1

Comments
No additional comments.

Receipt
The samples were received on 7/16/2022 11:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1º C.

GC/MS VOA
Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-252101. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 1664A: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-250234.1664A

Method 3510C SGC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-251342. 8015B_DRO. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc. Job ID: 570-103360-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Client Sample ID: GW-071422-LP-EFF Lab Sample ID: 570-103360-1

No Detections.

Client Sample ID: COMPOSITE (GW-071422-LP-EFF 1,2,3,4) Lab Sample ID: 570-103360-9

No Detections.

Client Sample ID: COMPOSITE (GW-071422-LP-EFF 5,6,7) Lab Sample ID: 570-103360-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Job ID: 570-103360-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: COMPOSITE (GW-071422-LP-EFF 1,2,3,4)
Lab Sample ID: 570-103360-9
Date Collected: 07/14/22 00:00
Matrix: Water
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/26/22 17:53	1
Toluene	ND		1.0		ug/L			07/26/22 17:53	1
o-Xylene	ND		1.0		ug/L			07/26/22 17:53	1
m,p-Xylene	ND		2.0		ug/L			07/26/22 17:53	1
Ethylbenzene	ND		1.0		ug/L			07/26/22 17:53	1
Xylenes, Total	ND		2.0		ug/L			07/26/22 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 123*		*07/26/22 17:53*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*07/26/22 17:53*	*1*
Dibromofluoromethane (Surr)	*100*		*78 - 120*		*07/26/22 17:53*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/26/22 17:53*	*1*

Client: GHD Services Inc.
Job ID: 570-103360-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Client Sample ID: COMPOSITE (GW-071422-LP-EFF 1,2,3,4)
Lab Sample ID: 570-103360-9
Date Collected: 07/14/22 00:00
Matrix: Water
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			07/26/22 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*50 - 150*		*07/26/22 16:45*	*1*

Client: GHD Services Inc. Job ID: 570-103360-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup - Silica Gel Cleanup

Client Sample ID: GW-071422-LP-EFF **Lab Sample ID: 570-103360-1**
Date Collected: 07/14/22 11:00 **Matrix: Water**
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.095		mg/L		07/22/22 14:50	07/25/22 12:40	1
TPH as Motor Oil Range	ND		0.095		mg/L		07/22/22 14:50	07/25/22 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*50 - 150*	*07/22/22 14:50*	*07/25/22 12:40*	*1*

Client: GHD Services Inc.
Job ID: 570-103360-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

General Chemistry

Client Sample ID: COMPOSITE (GW-071422-LP-EFF 5,6,7)
Lab Sample ID: 570-103360-10
Date Collected: 07/14/22 00:00
Matrix: Water
Date Received: 07/16/22 11:20

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		0.952		mg/L		07/19/22 11:37	07/19/22 18:16	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Job ID: 570-103360-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-103360-9	COMPOSITE (GW-071422-LP-E	99	98	100	99
LCS 570-252101/4	Lab Control Sample	98	99	100	100
LCSD 570-252101/5	Lab Control Sample Dup	97	98	99	99
MB 570-252101/7	Method Blank	98	97	101	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-103360-9	COMPOSITE (GW-071422-LP-E	87
570-103360-9 MS	COMPOSITE (GW-071422-LP-EFF 1,2,3,4)	98
570-103360-9 MSD	COMPOSITE (GW-071422-LP-EFF 1,2,3,4)	101
LCS 570-251937/4	Lab Control Sample	96
LCSD 570-251937/6	Lab Control Sample Dup	98
MB 570-251937/5	Method Blank	88

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Matrix: Water **Prep Type: Silica Gel Cleanup**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-103360-1	GW-071422-LP-EFF	89
LCS 570-251342/2-A	Lab Control Sample	112
LCSD 570-251342/3-A	Lab Control Sample Dup	114
MB 570-251342/1-A	Method Blank	122

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 570-252101/7
Matrix: Water
Analysis Batch: 252101

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/26/22 16:06	1
Toluene	ND		1.0		ug/L			07/26/22 16:06	1
o-Xylene	ND		1.0		ug/L			07/26/22 16:06	1
m,p-Xylene	ND		2.0		ug/L			07/26/22 16:06	1
Ethylbenzene	ND		1.0		ug/L			07/26/22 16:06	1
Xylenes, Total	ND		2.0		ug/L			07/26/22 16:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 123*		*07/26/22 16:06*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*07/26/22 16:06*	*1*
Dibromofluoromethane (Surr)	*101*		*78 - 120*		*07/26/22 16:06*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/26/22 16:06*	*1*

Lab Sample ID: LCS 570-252101/4
Matrix: Water
Analysis Batch: 252101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	20.95		ug/L		105	76 - 120		
Toluene			20.0	20.75		ug/L		104	76 - 120		
o-Xylene			20.0	20.66		ug/L		103	80 - 121		
m,p-Xylene			40.0	40.59		ug/L		101	74 - 122		
Ethylbenzene			20.0	20.79		ug/L		104	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 123*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-252101/5
Matrix: Water
Analysis Batch: 252101

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	20.61		ug/L		103	76 - 120	2	20
Toluene			20.0	20.53		ug/L		103	76 - 120	1	20
o-Xylene			20.0	20.45		ug/L		102	80 - 121	1	20
m,p-Xylene			40.0	40.65		ug/L		102	74 - 122	0	20
Ethylbenzene			20.0	20.55		ug/L		103	80 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 123*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 570-251937/5
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 251937

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			07/26/22 09:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*50 - 150*		*07/26/22 09:05*	*1*

Lab Sample ID: LCS 570-251937/4
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 251937

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)			1990	1918		ug/L		96	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*50 - 150*

Lab Sample ID: LCSD 570-251937/6
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 251937

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			1990	2012		ug/L		101	76 - 128	5	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*50 - 150*

Lab Sample ID: 570-103360-9 MS
Client Sample ID: COMPOSITE (GW-071422-LP-EFF 1,2,3,4)
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 251937

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)	ND		1990	2002		ug/L		101	69 - 132		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*50 - 150*

Lab Sample ID: 570-103360-9 MSD
Client Sample ID: COMPOSITE (GW-071422-LP-EFF 1,2,3,4)
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 251937

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	ND		1990	1995		ug/L		100	69 - 132	0	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*50 - 150*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Lab Sample ID: MB 570-251342/1-A
Matrix: Water
Analysis Batch: 251675

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 251342

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		07/22/22 14:50	07/25/22 11:17	1
TPH as Motor Oil Range	ND		0.10		mg/L		07/22/22 14:50	07/25/22 11:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*122*		*50 - 150*	*07/22/22 14:50*	*07/25/22 11:17*	*1*

Lab Sample ID: LCS 570-251342/2-A
Matrix: Water
Analysis Batch: 251675

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 251342

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			4.00	4.184		mg/L		105	68 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*112*		*50 - 150*

Lab Sample ID: LCSD 570-251342/3-A
Matrix: Water
Analysis Batch: 251675

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 251342

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			4.00	4.064		mg/L		102	68 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*114*		*50 - 150*

Method: 1664A - Oil and Grease

Lab Sample ID: MB 570-250234/1-A
Matrix: Water
Analysis Batch: 250395

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 250234

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		1.00		mg/L		07/19/22 11:37	07/19/22 18:16	1

Lab Sample ID: LCS 570-250234/2-A
Matrix: Water
Analysis Batch: 250395

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 250234

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Oil & Grease			40.0	38.70		mg/L		97	78 - 114		

Lab Sample ID: LCSD 570-250234/3-A
Matrix: Water
Analysis Batch: 250395

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 250234

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Oil & Grease			40.0	38.30		mg/L		96	78 - 114	1	18

QC Association Summary

Client: GHD Services Inc.
Job ID: 570-103360-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

GC/MS VOA

Analysis Batch: 252101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103360-9	COMPOSITE (GW-071422-LP-EFF 1,2,3,4)	Total/NA	Water	8260C	
MB 570-252101/7	Method Blank	Total/NA	Water	8260C	
LCS 570-252101/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 570-252101/5	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 251937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103360-9	COMPOSITE (GW-071422-LP-EFF 1,2,3,4)	Total/NA	Water	NWTPH-Gx	
MB 570-251937/5	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-251937/4	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-251937/6	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
570-103360-9 MS	COMPOSITE (GW-071422-LP-EFF 1,2,3,4)	Total/NA	Water	NWTPH-Gx	
570-103360-9 MSD	COMPOSITE (GW-071422-LP-EFF 1,2,3,4)	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 251342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103360-1	GW-071422-LP-EFF	Silica Gel Cleanup	Water	3510C SGC	
MB 570-251342/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	
LCS 570-251342/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 570-251342/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 251675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103360-1	GW-071422-LP-EFF	Silica Gel Cleanup	Water	NWTPH-Dx	251342
MB 570-251342/1-A	Method Blank	Silica Gel Cleanup	Water	NWTPH-Dx	251342
LCS 570-251342/2-A	Lab Control Sample	Silica Gel Cleanup	Water	NWTPH-Dx	251342
LCSD 570-251342/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	NWTPH-Dx	251342

General Chemistry

Prep Batch: 250234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103360-10	COMPOSITE (GW-071422-LP-EFF 5,6,7)	Total/NA	Water	1664A	
MB 570-250234/1-A	Method Blank	Total/NA	Water	1664A	
LCS 570-250234/2-A	Lab Control Sample	Total/NA	Water	1664A	
LCSD 570-250234/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	

Analysis Batch: 250395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-103360-10	COMPOSITE (GW-071422-LP-EFF 5,6,7)	Total/NA	Water	1664A	250234
MB 570-250234/1-A	Method Blank	Total/NA	Water	1664A	250234
LCS 570-250234/2-A	Lab Control Sample	Total/NA	Water	1664A	250234
LCSD 570-250234/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	250234

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-103360-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Client Sample ID: GW-071422-LP-EFF — Lab Sample ID: 570-103360-1

Date Collected: 07/14/22 11:00 — **Matrix: Water**
Date Received: 07/16/22 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Silica Gel Cleanup	Prep	3510C SGC			262 mL	2.5 mL	251342	07/22/22 14:50	UFLU	ECL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1			251675	07/25/22 12:40	N5Y3	ECL 4
	Instrument ID: GC48									

Client Sample ID: COMPOSITE (GW-071422-LP-EFF 1,2,3,4) — Lab Sample ID: 570-103360-9

Date Collected: 07/14/22 00:00 — **Matrix: Water**
Date Received: 07/16/22 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	252101	07/26/22 17:53	B7TT	ECL 4
	Instrument ID: GCMSXX									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	251937	07/26/22 16:45	A9VE	ECL 4
	Instrument ID: GC1									

Client Sample ID: COMPOSITE (GW-071422-LP-EFF 5,6,7) — Lab Sample ID: 570-103360-10

Date Collected: 07/14/22 00:00 — **Matrix: Water**
Date Received: 07/16/22 11:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1664A			1050 mL	1000 mL	250234	07/19/22 11:37	UWEZ	ECL 4
Total/NA	Analysis	1664A		1			250395	07/19/22 18:16	USUL	ECL 4
	Instrument ID: NOEQUIP									

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 570-103360-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	01-31-23
Washington	State	C916-18	10-12-22

Method Summary

Client: GHD Services Inc.
Job ID: 570-103360-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ECL 4
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	ECL 4
NWTPH-Dx	Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup	NWTPH	ECL 4
1664A	Oil and Grease	40CFR136A	ECL 4
1664A	HEM and SGT-HEM (Aqueous)	1664A	ECL 4
3510C SGC	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 4
5030C	Purge and Trap	SW846	ECL 4

Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Job ID: 570-103360-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-103360-1	GW-071422-LP-EFF	Water	07/14/22 11:00	07/16/22 11:20
570-103360-9	COMPOSITE (GW-071422-LP-EFF 1,2,3,4)	Water	07/14/22 00:00	07/16/22 11:20
570-103360-10	COMPOSITE (GW-071422-LP-EFF 5,6,7)	Water	07/14/22 00:00	07/16/22 11:20

103360

eurofins | Calscience

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE 7/14/22

PAGE 1 OF 1

LABORATORY CLIENT: GHD Services Inc

ADDRESS: 9725 3rd Avenue NE Ste 204

CITY: Seattle STATE: WA ZIP: 98115

TEL: ~~253-507-6217~~ 206-302-1595

E-MAIL: ~~matthew.davis@ghd~~ Rosemary.Bir@GHD.com

CLIENT PROJECT NAME / NUMBER: P66 Renton Terminal AOC 5228 / 11226464

P O NO: 11226464-2021-04

PROJECT CONTACT: ~~Eric Meise 425-563-3269~~ ~~Matt Davis 253-507-6217~~ Rosemary Bir 206-302-1595

SAMPLER(S) (PRINT): ~~Joe Lewandowski~~ Luca Pisciotta

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD")

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF

GLOBAL ID

LOG CODE

SPECIAL INSTRUCTIONS

Laboratory composite EFF 1, 2, 3 ,4 samples for BTEX and TPHg
Laboratory composite EFF 5, 6, 7 samples for Oil & Grease

REQUESTED ANALYSES

Please check box or fill in blank as needed

570-103360 Chain of Custody

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	DRO/ORO (NWTPH-Dx)	GRO (NWTPH-Gx)	BTEX (8260)	Oil & Grease (1664)	
	~~GW- - -INF 1~~			~~GW~~			X		X	X	X		
	~~GW- - -MID 1~~			~~GW~~			X		X	X	X		
	~~GW- - -MID 2~~			~~GW~~			X		X	X	X		
1	GW- 071422 -LP- EFF		1100	GW	2		X		X				
2	GW- - - EFF 1		1100	GW	3		X			X	X		Lab composite
3	GW- - - EFF 2		1115	GW	3		X			X	X		Lab composite
4	GW- - - EFF 3		1130	GW	3		X			X	X		Lab composite
5	GW- - - EFF 4		1145	GW	3		X			X	X		Lab composite
6	GW- - - EFF 5		1100	GW	1		X					X	Lab composite
7	GW- - - EFF 6		1115	GW	1		X					X	Lab composite
8	GW- - - EFF 7		1130	GW	1		X					X	Lab composite

Relinquished by (Signature) Luca Pisciotta GHD 07/14/22 1600	Received by (Signature/Affiliation) Lex Liotta EC	Date 7/16/22	Time 11:20
Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time
Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time

8/25/21 Revision

28/31 Sc11


ORIGIN ID:UQEA (503) 956-5391
LUCA PISCITELLO
9725 3RD AVE NE
SEATTLE, WA 98115
UNITED STATES US
SHIP DATE: 15JUL22
ACTWGT: 42.85 LB
CAD: 6990437/SSFO2321
DIMS: 26x14x14 IN
BILL THIRD PARTY
Part # 156297-435 RRDB2 EXP 09/22
TO ATTN: SAMPLES
EUROFINS CALSCIENCE IRIVE
2841 DOW AVE STE 100
TUSTIN CA 92780
(000) 000-0000
REF:
INV:
PO:
DEPT:
FedE
Expre
1 of 2
SATURDAY 12:0
TRK# 0201 2755 9816 4478
PRIORITY OVERNIGI
MASTER
WO DTHA
9278
CA-US SN
570-103360 Waybill

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-103360-1

Login Number: 103360
List Number: 1
Creator: Lizotte, Lex

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-105615-1
Client Project/Site: P66 Renton Terminal AOC 5228 / 11226464

For:
GHD Services Inc.
9725 3rd Avenue NE, Suite 204
Seattle, Washington 98115

Attn: Fabio Minervini

Vik Patel

Authorized for release by:
8/15/2022 1:05:19 PM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 570-105615-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc. Job ID: 570-105615-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Job ID: 570-105615-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-105615-1

Comments
No additional comments.

Receipt
The samples were received on 8/5/2022 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 22.0º C.

Air Toxics
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc.
Job ID: 570-105615-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Client Sample ID: A-080422-LP-INF
Lab Sample ID: 570-105615-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	28		0.50		ppb v/v	1		TO-15	Total/NA
o-Xylene	48		0.50		ppb v/v	1		TO-15	Total/NA
m,p-Xylene	120		2.0		ppb v/v	1		TO-15	Total/NA
Xylenes, Total	170		2.5		ppb v/v	1		TO-15	Total/NA
Benzene - DL	100		1.3		ppb v/v	2.5		TO-15	Total/NA
Toluene - DL	160		1.3		ppb v/v	2.5		TO-15	Total/NA
Gasoline Range Organics (C6-C12)	6.6		1.0		ppm v/v	1		TO3	Total/NA

Client Sample ID: A-080422-LP-EFF
Lab Sample ID: 570-105615-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1.1		0.50		ppb v/v	1		TO-15	Total/NA
Toluene	0.80		0.50		ppb v/v	1		TO-15	Total/NA
Gasoline Range Organics (C6-C12)	1.1		1.0		ppm v/v	1		TO3	Total/NA

This Detection Summary does not include radiochemical test results.

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Client Sample ID: A-080422-LP-INF **Lab Sample ID: 570-105615-1**
Date Collected: 08/04/22 13:05 **Matrix: Air**
Date Received: 08/05/22 09:40
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**28**		0.50		ppb v/v			08/11/22 01:27	1
o-Xylene	**48**		0.50		ppb v/v			08/11/22 01:27	1
m,p-Xylene	**120**		2.0		ppb v/v			08/11/22 01:27	1
Xylenes, Total	**170**		2.5		ppb v/v			08/11/22 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*		*08/11/22 01:27*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*08/11/22 01:27*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*08/11/22 01:27*	*1*

Client Sample ID: A-080422-LP-EFF **Lab Sample ID: 570-105615-2**
Date Collected: 08/04/22 13:10 **Matrix: Air**
Date Received: 08/05/22 09:40
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.1**		0.50		ppb v/v			08/11/22 00:38	1
Ethylbenzene	ND		0.50		ppb v/v			08/11/22 00:38	1
o-Xylene	ND		0.50		ppb v/v			08/11/22 00:38	1
m,p-Xylene	ND		2.0		ppb v/v			08/11/22 00:38	1
Toluene	**0.80**		0.50		ppb v/v			08/11/22 00:38	1
Xylenes, Total	ND		2.5		ppb v/v			08/11/22 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 132*		*08/11/22 00:38*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*08/11/22 00:38*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*08/11/22 00:38*	*1*

Client: GHD Services Inc. Job ID: 570-105615-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Client Sample ID: A-080422-LP-INF **Lab Sample ID: 570-105615-1**
Date Collected: 08/04/22 13:05 **Matrix: Air**
Date Received: 08/05/22 09:40
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**100**		1.3		ppb v/v			08/11/22 20:33	2.5
Toluene	**160**		1.3		ppb v/v			08/11/22 20:33	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 132*		*08/11/22 20:33*	*2.5*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*08/11/22 20:33*	*2.5*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/11/22 20:33*	*2.5*

Client: GHD Services Inc. Job ID: 570-105615-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Method: TO3 - Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC)

Client Sample ID: A-080422-LP-INF **Lab Sample ID: 570-105615-1**
Date Collected: 08/04/22 13:05 **Matrix: Air**
Date Received: 08/05/22 09:40
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	6.6		1.0		ppm v/v			08/06/22 16:48	1

Client Sample ID: A-080422-LP-EFF **Lab Sample ID: 570-105615-2**
Date Collected: 08/04/22 13:10 **Matrix: Air**
Date Received: 08/05/22 09:40
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	1.1		1.0		ppm v/v			08/06/22 15:59	1

Surrogate Summary

Client: GHD Services Inc.
Job ID: 570-105615-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(66-132)	(70-130)	(70-130)
570-105615-1	A-080422-LP-INF	100	109	117
570-105615-1 - DL	A-080422-LP-INF	101	105	100
570-105615-2	A-080422-LP-EFF	102	99	111
LCS 570-255906/3	Lab Control Sample	101	103	101
LCS 570-256161/3	Lab Control Sample	101	103	100
LCSD 570-255906/4	Lab Control Sample Dup	100	105	102
LCSD 570-256161/4	Lab Control Sample Dup	100	101	101
MB 570-255906/6	Method Blank	97	110	98
MB 570-256161/6	Method Blank	98	107	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 570-255906/6
Matrix: Air
Analysis Batch: 255906

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ppb v/v			08/10/22 19:10	1
Ethylbenzene	ND		0.50		ppb v/v			08/10/22 19:10	1
o-Xylene	ND		0.50		ppb v/v			08/10/22 19:10	1
m,p-Xylene	ND		2.0		ppb v/v			08/10/22 19:10	1
Toluene	ND		0.50		ppb v/v			08/10/22 19:10	1
Xylenes, Total	ND		2.5		ppb v/v			08/10/22 19:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 132*		*08/10/22 19:10*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*08/10/22 19:10*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/10/22 19:10*	*1*

Lab Sample ID: LCS 570-255906/3
Matrix: Air
Analysis Batch: 255906

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			25.0	24.50		ppb v/v		98	68 - 134		
Ethylbenzene			25.0	23.32		ppb v/v		93	70 - 130		
o-Xylene			25.0	22.97		ppb v/v		92	68 - 130		
m,p-Xylene			50.0	46.32		ppb v/v		93	70 - 130		
Toluene			25.0	23.37		ppb v/v		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 132*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 570-255906/4
Matrix: Air
Analysis Batch: 255906

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			25.0	23.84		ppb v/v		95	68 - 134	3	25
Ethylbenzene			25.0	23.30		ppb v/v		93	70 - 130	0	25
o-Xylene			25.0	23.10		ppb v/v		92	68 - 130	1	25
m,p-Xylene			50.0	45.98		ppb v/v		92	70 - 130	1	25
Toluene			25.0	23.20		ppb v/v		93	70 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-256161/6
Matrix: Air
Analysis Batch: 256161

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ppb v/v			08/11/22 19:52	1
Ethylbenzene	ND		0.50		ppb v/v			08/11/22 19:52	1
o-Xylene	ND		0.50		ppb v/v			08/11/22 19:52	1
m,p-Xylene	ND		2.0		ppb v/v			08/11/22 19:52	1
Toluene	ND		0.50		ppb v/v			08/11/22 19:52	1
Xylenes, Total	ND		2.5		ppb v/v			08/11/22 19:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 132*		*08/11/22 19:52*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*08/11/22 19:52*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/11/22 19:52*	*1*

Lab Sample ID: LCS 570-256161/3
Matrix: Air
Analysis Batch: 256161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			25.0	24.24		ppb v/v		97	68 - 134		
Ethylbenzene			25.0	23.87		ppb v/v		95	70 - 130		
o-Xylene			25.0	23.21		ppb v/v		93	68 - 130		
m,p-Xylene			50.0	47.17		ppb v/v		94	70 - 130		
Toluene			25.0	23.81		ppb v/v		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 132*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 570-256161/4
Matrix: Air
Analysis Batch: 256161

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			25.0	24.44		ppb v/v		98	68 - 134	1	25
Ethylbenzene			25.0	23.79		ppb v/v		95	70 - 130	0	25
o-Xylene			25.0	23.24		ppb v/v		93	68 - 130	0	25
m,p-Xylene			50.0	46.56		ppb v/v		93	70 - 130	1	25
Toluene			25.0	23.58		ppb v/v		94	70 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: TO3 - Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC)

Lab Sample ID: MB 570-254983/3
Matrix: Air
Analysis Batch: 254983

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	ND		1.0		ppm v/v			08/06/22 15:18	1

Lab Sample ID: LCS 570-254983/2
Matrix: Air
Analysis Batch: 254983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C6-C12)			100	90.05		ppm v/v		90	80 - 120		

Lab Sample ID: 570-105615-1 DU
Matrix: Air
Analysis Batch: 254983

Client Sample ID: A-080422-LP-INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Gasoline Range Organics (C6-C12)	6.6			5.875		ppm v/v				12	20

QC Association Summary

Client: GHD Services Inc.
Job ID: 570-105615-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Air - GC/MS VOA

Analysis Batch: 255906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105615-1	A-080422-LP-INF	Total/NA	Air	TO-15	
570-105615-2	A-080422-LP-EFF	Total/NA	Air	TO-15	
MB 570-255906/6	Method Blank	Total/NA	Air	TO-15	
LCS 570-255906/3	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-255906/4	Lab Control Sample Dup	Total/NA	Air	TO-15	

Analysis Batch: 256161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105615-1 - DL	A-080422-LP-INF	Total/NA	Air	TO-15	
MB 570-256161/6	Method Blank	Total/NA	Air	TO-15	
LCS 570-256161/3	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-256161/4	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 254983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105615-1	A-080422-LP-INF	Total/NA	Air	TO3	
570-105615-2	A-080422-LP-EFF	Total/NA	Air	TO3	
MB 570-254983/3	Method Blank	Total/NA	Air	TO3	
LCS 570-254983/2	Lab Control Sample	Total/NA	Air	TO3	
570-105615-1 DU	A-080422-LP-INF	Total/NA	Air	TO3	

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-105615-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Client Sample ID: A-080422-LP-INF — Lab Sample ID: 570-105615-1

Date Collected: 08/04/22 13:05 — **Matrix: Air**
Date Received: 08/05/22 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	255906	08/11/22 01:27	T1W	EET CAL 4
	Instrument ID: GCMSNN									
Total/NA	Analysis	TO-15	DL	2.5	250 mL	250 mL	256161	08/11/22 20:33	UHOG	EET CAL 4
	Instrument ID: GCMSNN									
Total/NA	Analysis	TO3		1	10 mL	10 mL	254983	08/06/22 16:48	DU6U	EET CAL 4
	Instrument ID: GC38									

Client Sample ID: A-080422-LP-EFF — Lab Sample ID: 570-105615-2

Date Collected: 08/04/22 13:10 — **Matrix: Air**
Date Received: 08/05/22 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	255906	08/11/22 00:38	T1W	EET CAL 4
	Instrument ID: GCMSNN									
Total/NA	Analysis	TO3		1	10 mL	10 mL	254983	08/06/22 15:59	DU6U	EET CAL 4
	Instrument ID: GC38									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 570-105615-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-23
Washington	State	C916-18	10-12-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	m,p-Xylene
TO-15		Air	o-Xylene

Method Summary

Client: GHD Services Inc.
Job ID: 570-105615-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET CAL 4
TO3	Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC)	EPA	EET CAL 4

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Job ID: 570-105615-1
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-105615-1	A-080422-LP-INF	Air	08/04/22 13:05	08/05/22 09:40	Air Canister (1-Liter) #LC187
570-105615-2	A-080422-LP-EFF	Air	08/04/22 13:10	08/05/22 09:40	Air Canister (1-Liter) #LC151

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7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

570-105615 Chain of Custody

N OF CUSTODY RECORD

08/04/2022

1 OF 1

LABORATORY CLIENT: GHD Services Inc	CLIENT PROJECT NAME / NUMBER: P66 Renton Terminal AOC 5228 / 11226464
ADDRESS: 9725 3rd Avenue NE Ste 204	P O NO: 11226464-2021-04
CITY: Seattle STATE: WA ZIP: 98115	PROJECT CONTACT: ~~Eric Maise 425-503-8260~~ Rosemary Bier ~~Matt Davis 253-507-6217~~ 305-903-4318
TEL: 253-507-6217 E-MAIL: ~~matthew.davis@ghd~~ Rosemary.Bier@ghd.com	SAMPLER(S) (PRINT): ~~Joe Lewandowski~~ Luca Piscitello

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF | GLOBAL ID | LOG CODE

SPECIAL INSTRUCTIONS

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	GRO (TO-3)	BTEX (TO-15)	Canister ID
1	A-080422-LP-INF	08/04/22	1305	A	1	X			X	X	LC187
2	A-080422-LP-EFF	08/04/22	1310	A	1	X			X	X	LC191

Relinquished by: (Signature) Luca Piscitello 08/04/2022 1500	Received by: (Signature/Affiliation)	Date 8/5/22	Time 0940
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

8/25/21 Revision

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-105615-1

Login Number: 105615
List Number: 1
Creator: Cortez Diaz, Antonio

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Summa Canister Dilution Worksheet

Client: GHD Services Inc.
Project/Site: P66 Renton Terminal AOC 5228 / 11226464

Job No.: 570-105615-1

Lab Sample ID	Canister Volume (L)	Presampling Pressure ("Hg)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initials
570-105615-1	1	-29.5	-0.8	0.97	0.97	-0.392923	0.97	0.97		1.00	1.00	AIR MG 4	08/06/22 17:57	QXZ2
570-105615-2	1	-29.5	-3.6	0.88	0.88	-1.76815	0.88	0.88		1.00	1.00	AIR MG 4	08/06/22 17:57	QXZ2

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-105619-1
Client Project/Site: P66 Renton Terminal AOC 5228 / 12572873

For:
GHD Services Inc.
9725 3rd Avenue NE, Suite 204
Seattle, Washington 98115

Attn: Fabio Minervini

Vik Patel

Authorized for release by:
8/12/2022 3:42:43 PM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

Table of Contents

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc.
Job ID: 570-105619-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Job ID: 570-105619-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-105619-1

Comments
No additional comments.

Receipt
The samples were received on 8/5/2022 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-255243. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-255440. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C SGC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-256117. 8015B_DRO. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc.
Job ID: 570-105619-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-080422-LP-INF 1
Lab Sample ID: 570-105619-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Toluene	3100		50		ug/L	50		8260C	Total/NA
o-Xylene	1800		50		ug/L	50		8260C	Total/NA
m,p-Xylene	4300		100		ug/L	50		8260C	Total/NA
Ethylbenzene	510		50		ug/L	50		8260C	Total/NA
Xylenes, Total	6100		100		ug/L	50		8260C	Total/NA
Benzene - RA	2100		25		ug/L	50		8260C	Total/NA
TPH as Gasoline (C4-C13)	24000		1000		ug/L	10		NWTPH-Gx	Total/NA
TPH as Diesel Range	1.1		0.093		mg/L	1		NWTPH-Dx	Silica Gel Cleanup

Client Sample ID: GW-080422-LP-MID 1
Lab Sample ID: 570-105619-2

No Detections.

Client Sample ID: GW-080422-LP-MID 2
Lab Sample ID: 570-105619-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Toluene	2.9		1.0		ug/L	1		8260C	Total/NA
Benzene - RA	6.6		0.50		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: GW-080422-LP-INF 1
Lab Sample ID: 570-105619-1
Date Collected: 08/04/22 13:00
Matrix: Water
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**3100**		50		ug/L			08/08/22 17:27	50
o-Xylene	**1800**		50		ug/L			08/08/22 17:27	50
m,p-Xylene	**4300**		100		ug/L			08/08/22 17:27	50
Ethylbenzene	**510**		50		ug/L			08/08/22 17:27	50
Xylenes, Total	**6100**		100		ug/L			08/08/22 17:27	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 123*		*08/08/22 17:27*	*50*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*08/08/22 17:27*	*50*
Dibromofluoromethane (Surr)	*104*		*78 - 120*		*08/08/22 17:27*	*50*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/08/22 17:27*	*50*

Client Sample ID: GW-080422-LP-MID 1
Lab Sample ID: 570-105619-2
Date Collected: 08/04/22 12:45
Matrix: Water
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			08/09/22 16:59	1
Toluene	ND		1.0		ug/L			08/09/22 16:59	1
o-Xylene	ND		1.0		ug/L			08/09/22 16:59	1
m,p-Xylene	ND		2.0		ug/L			08/09/22 16:59	1
Ethylbenzene	ND		1.0		ug/L			08/09/22 16:59	1
Xylenes, Total	ND		2.0		ug/L			08/09/22 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 123*		*08/09/22 16:59*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*08/09/22 16:59*	*1*
Dibromofluoromethane (Surr)	*101*		*78 - 120*		*08/09/22 16:59*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/09/22 16:59*	*1*

Client Sample ID: GW-080422-LP-MID 2
Lab Sample ID: 570-105619-3
Date Collected: 08/04/22 12:30
Matrix: Water
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**2.9**		1.0		ug/L			08/08/22 16:22	1
o-Xylene	ND		1.0		ug/L			08/08/22 16:22	1
m,p-Xylene	ND		2.0		ug/L			08/08/22 16:22	1
Ethylbenzene	ND		1.0		ug/L			08/08/22 16:22	1
Xylenes, Total	ND		2.0		ug/L			08/08/22 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 123*		*08/08/22 16:22*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*08/08/22 16:22*	*1*
Dibromofluoromethane (Surr)	*104*		*78 - 120*		*08/08/22 16:22*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/08/22 16:22*	*1*

Client: GHD Services Inc. Job ID: 570-105619-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Client Sample ID: GW-080422-LP-INF 1 **Lab Sample ID: 570-105619-1**
Date Collected: 08/04/22 13:00 **Matrix: Water**
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2100		25		ug/L			08/09/22 18:45	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 123*		*08/09/22 18:45*	*50*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/09/22 18:45*	*50*
Dibromofluoromethane (Surr)	*100*		*78 - 120*		*08/09/22 18:45*	*50*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/09/22 18:45*	*50*

Client Sample ID: GW-080422-LP-MID 2 **Lab Sample ID: 570-105619-3**
Date Collected: 08/04/22 12:30 **Matrix: Water**
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.6		0.50		ug/L			08/09/22 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 123*		*08/09/22 17:20*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*08/09/22 17:20*	*1*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*08/09/22 17:20*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/09/22 17:20*	*1*

Client: GHD Services Inc. Job ID: 570-105619-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Client Sample ID: GW-080422-LP-INF 1 **Lab Sample ID: 570-105619-1**
Date Collected: 08/04/22 13:00 **Matrix: Water**
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	**24000**		1000		ug/L			08/09/22 01:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*50 - 150*		*08/09/22 01:23*	*10*

Client Sample ID: GW-080422-LP-MID 1 **Lab Sample ID: 570-105619-2**
Date Collected: 08/04/22 12:45 **Matrix: Water**
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			08/10/22 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*50 - 150*		*08/10/22 10:13*	*1*

Client Sample ID: GW-080422-LP-MID 2 **Lab Sample ID: 570-105619-3**
Date Collected: 08/04/22 12:30 **Matrix: Water**
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			08/09/22 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*50 - 150*		*08/09/22 03:22*	*1*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup - Silica Gel Cleanup

Client Sample ID: GW-080422-LP-INF 1 **Lab Sample ID: 570-105619-1**
Date Collected: 08/04/22 13:00 **Matrix: Water**
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**1.1**		0.093		mg/L		08/11/22 13:26	08/11/22 20:44	1
TPH as Motor Oil Range	ND		0.093		mg/L		08/11/22 13:26	08/11/22 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*125*		*50 - 150*	*08/11/22 13:26*	*08/11/22 20:44*	*1*

Client Sample ID: GW-080422-LP-MID 1 **Lab Sample ID: 570-105619-2**
Date Collected: 08/04/22 12:45 **Matrix: Water**
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		08/11/22 13:26	08/11/22 21:05	1
TPH as Motor Oil Range	ND		0.10		mg/L		08/11/22 13:26	08/11/22 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*50 - 150*	*08/11/22 13:26*	*08/11/22 21:05*	*1*

Client Sample ID: GW-080422-LP-MID 2 **Lab Sample ID: 570-105619-3**
Date Collected: 08/04/22 12:30 **Matrix: Water**
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.094		mg/L		08/11/22 13:26	08/11/22 21:26	1
TPH as Motor Oil Range	ND		0.094		mg/L		08/11/22 13:26	08/11/22 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*134*		*50 - 150*	*08/11/22 13:26*	*08/11/22 21:26*	*1*

Surrogate Summary

Client: GHD Services Inc.
Job ID: 570-105619-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-105619-1	GW-080422-LP-INF 1	102	98	104	101
570-105619-1 - RA	GW-080422-LP-INF 1	99	100	100	98
570-105619-2	GW-080422-LP-MID 1	98	98	101	100
570-105619-3	GW-080422-LP-MID 2	104	93	104	99
570-105619-3 - RA	GW-080422-LP-MID 2	100	99	102	100
LCS 570-255243/3	Lab Control Sample	99	100	104	102
LCS 570-255440/3	Lab Control Sample	104	102	100	99
LCSD 570-255243/4	Lab Control Sample Dup	102	99	104	101
LCSD 570-255440/4	Lab Control Sample Dup	100	102	99	99
MB 570-255243/6	Method Blank	101	93	103	100
MB 570-255440/6	Method Blank	101	101	102	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-105619-1	GW-080422-LP-INF 1	88
570-105619-2	GW-080422-LP-MID 1	71
570-105619-2 MS	GW-080422-LP-MID 1	82
570-105619-2 MSD	GW-080422-LP-MID 1	84
570-105619-3	GW-080422-LP-MID 2	76
LCS 570-255319/24	Lab Control Sample	92
LCS 570-255728/32	Lab Control Sample	89
LCSD 570-255319/25	Lab Control Sample Dup	95
LCSD 570-255728/33	Lab Control Sample Dup	86
MB 570-255319/26	Method Blank	76
MB 570-255728/34	Method Blank	75

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Matrix: Water
Prep Type: Silica Gel Cleanup

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-105619-1	GW-080422-LP-INF 1	125
570-105619-2	GW-080422-LP-MID 1	88
570-105619-3	GW-080422-LP-MID 2	134
LCS 570-256117/2-A	Lab Control Sample	115
LCSD 570-256117/3-A	Lab Control Sample Dup	111
MB 570-256117/1-A	Method Blank	118

Surrogate Summary

Client: GHD Services Inc.
Job ID: 570-105619-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 570-255243/6
Matrix: Water
Analysis Batch: 255243

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			08/08/22 11:16	1
Toluene	ND		1.0		ug/L			08/08/22 11:16	1
o-Xylene	ND		1.0		ug/L			08/08/22 11:16	1
m,p-Xylene	ND		2.0		ug/L			08/08/22 11:16	1
Ethylbenzene	ND		1.0		ug/L			08/08/22 11:16	1
Xylenes, Total	ND		2.0		ug/L			08/08/22 11:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 123*		*08/08/22 11:16*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*08/08/22 11:16*	*1*
Dibromofluoromethane (Surr)	*103*		*78 - 120*		*08/08/22 11:16*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/08/22 11:16*	*1*

Lab Sample ID: LCS 570-255243/3
Matrix: Water
Analysis Batch: 255243

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	18.99		ug/L		95	76 - 120		
Toluene			20.0	19.19		ug/L		96	76 - 120		
o-Xylene			20.0	19.00		ug/L		95	80 - 121		
m,p-Xylene			40.0	38.49		ug/L		96	74 - 122		
Ethylbenzene			20.0	19.11		ug/L		96	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 123*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*78 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-255243/4
Matrix: Water
Analysis Batch: 255243

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	19.09		ug/L		95	76 - 120	0	20
Toluene			20.0	19.34		ug/L		97	76 - 120	1	20
o-Xylene			20.0	19.11		ug/L		96	80 - 121	1	20
m,p-Xylene			40.0	38.72		ug/L		97	74 - 122	1	20
Ethylbenzene			20.0	19.12		ug/L		96	80 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 123*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*78 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 570-255440/6
Matrix: Water
Analysis Batch: 255440

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			08/09/22 11:09	1
Toluene	ND		1.0		ug/L			08/09/22 11:09	1
o-Xylene	ND		1.0		ug/L			08/09/22 11:09	1
m,p-Xylene	ND		2.0		ug/L			08/09/22 11:09	1
Ethylbenzene	ND		1.0		ug/L			08/09/22 11:09	1
Xylenes, Total	ND		2.0		ug/L			08/09/22 11:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 123*		*08/09/22 11:09*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/09/22 11:09*	*1*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*08/09/22 11:09*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/09/22 11:09*	*1*

Lab Sample ID: LCS 570-255440/3
Matrix: Water
Analysis Batch: 255440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	18.39		ug/L		92	76 - 120		
Toluene			20.0	18.54		ug/L		93	76 - 120		
o-Xylene			20.0	19.26		ug/L		96	80 - 121		
m,p-Xylene			40.0	38.18		ug/L		95	74 - 122		
Ethylbenzene			20.0	19.26		ug/L		96	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 123*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-255440/4
Matrix: Water
Analysis Batch: 255440

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	18.60		ug/L		93	76 - 120	1	20
Toluene			20.0	18.72		ug/L		94	76 - 120	1	20
o-Xylene			20.0	19.26		ug/L		96	80 - 121	0	20
m,p-Xylene			40.0	38.68		ug/L		97	74 - 122	1	20
Ethylbenzene			20.0	19.23		ug/L		96	80 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 123*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 570-255319/26
Matrix: Water
Analysis Batch: 255319

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			08/08/22 22:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*50 - 150*		*08/08/22 22:59*	*1*

Lab Sample ID: LCS 570-255319/24
Matrix: Water
Analysis Batch: 255319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)			1990	2264		ug/L		114	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*50 - 150*

Lab Sample ID: LCSD 570-255319/25
Matrix: Water
Analysis Batch: 255319

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			1990	2190		ug/L		110	76 - 128	3	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*50 - 150*

Lab Sample ID: MB 570-255728/34
Matrix: Water
Analysis Batch: 255728

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			08/10/22 00:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*50 - 150*		*08/10/22 00:38*	*1*

Lab Sample ID: LCS 570-255728/32
Matrix: Water
Analysis Batch: 255728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)			1990	2250		ug/L		113	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*50 - 150*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: LCSD 570-255728/33
Matrix: Water
Analysis Batch: 255728

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			1990	2209		ug/L		111	76 - 128	2	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*50 - 150*

Lab Sample ID: 570-105619-2 MS
Matrix: Water
Analysis Batch: 255728

Client Sample ID: GW-080422-LP-MID 1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
TPH as Gasoline (C4-C13)	ND		1990	2016		ug/L		101	69 - 132

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*82*		*50 - 150*

Lab Sample ID: 570-105619-2 MSD
Matrix: Water
Analysis Batch: 255728

Client Sample ID: GW-080422-LP-MID 1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	ND		1990	2031		ug/L		102	69 - 132	1	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*50 - 150*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Lab Sample ID: MB 570-256117/1-A
Matrix: Water
Analysis Batch: 256193

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 256117

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		08/11/22 13:26	08/11/22 19:21	1
TPH as Motor Oil Range	ND		0.10		mg/L		08/11/22 13:26	08/11/22 19:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*118*		*50 - 150*	*08/11/22 13:26*	*08/11/22 19:21*	*1*

Lab Sample ID: LCS 570-256117/2-A
Matrix: Water
Analysis Batch: 256193

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 256117

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28			4.00	4.578		mg/L		114	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*115*		*50 - 150*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup (Continued)

Lab Sample ID: LCSD 570-256117/3-A
Matrix: Water
Analysis Batch: 256193

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 256117

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			4.00	4.312		mg/L		108	68 - 120	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*111*		*50 - 150*

QC Association Summary

Client: GHD Services Inc.
Job ID: 570-105619-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

GC/MS VOA

Analysis Batch: 255243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105619-1	GW-080422-LP-INF 1	Total/NA	Water	8260C	
570-105619-3	GW-080422-LP-MID 2	Total/NA	Water	8260C	
MB 570-255243/6	Method Blank	Total/NA	Water	8260C	
LCS 570-255243/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 570-255243/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 255440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105619-1 - RA	GW-080422-LP-INF 1	Total/NA	Water	8260C	
570-105619-2	GW-080422-LP-MID 1	Total/NA	Water	8260C	
570-105619-3 - RA	GW-080422-LP-MID 2	Total/NA	Water	8260C	
MB 570-255440/6	Method Blank	Total/NA	Water	8260C	
LCS 570-255440/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 570-255440/4	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 255319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105619-1	GW-080422-LP-INF 1	Total/NA	Water	NWTPH-Gx	
570-105619-3	GW-080422-LP-MID 2	Total/NA	Water	NWTPH-Gx	
MB 570-255319/26	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-255319/24	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-255319/25	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 255728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105619-2	GW-080422-LP-MID 1	Total/NA	Water	NWTPH-Gx	
MB 570-255728/34	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-255728/32	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-255728/33	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
570-105619-2 MS	GW-080422-LP-MID 1	Total/NA	Water	NWTPH-Gx	
570-105619-2 MSD	GW-080422-LP-MID 1	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 256117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105619-1	GW-080422-LP-INF 1	Silica Gel Cleanup	Water	3510C SGC	
570-105619-2	GW-080422-LP-MID 1	Silica Gel Cleanup	Water	3510C SGC	
570-105619-3	GW-080422-LP-MID 2	Silica Gel Cleanup	Water	3510C SGC	
MB 570-256117/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	
LCS 570-256117/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 570-256117/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 256193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105619-1	GW-080422-LP-INF 1	Silica Gel Cleanup	Water	NWTPH-Dx	256117
570-105619-2	GW-080422-LP-MID 1	Silica Gel Cleanup	Water	NWTPH-Dx	256117
570-105619-3	GW-080422-LP-MID 2	Silica Gel Cleanup	Water	NWTPH-Dx	256117
MB 570-256117/1-A	Method Blank	Silica Gel Cleanup	Water	NWTPH-Dx	256117
LCS 570-256117/2-A	Lab Control Sample	Silica Gel Cleanup	Water	NWTPH-Dx	256117

GC Semi VOA (Continued)

Analysis Batch: 256193 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-256117/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	NWTPH-Dx	256117

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-105619-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-080422-LP-INF 1 — Lab Sample ID: 570-105619-1

Date Collected: 08/04/22 13:00 **Matrix: Water**
Date Received: 08/05/22 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	50	5 mL	5 mL	255440	08/09/22 18:45	KHF2	EET CAL 4
	Instrument ID: GCMSW									
Total/NA	Analysis	8260C		50	5 mL	5 mL	255243	08/08/22 17:27	OH1	EET CAL 4
	Instrument ID: GCMSZ									
Total/NA	Analysis	NWTPH-Gx		10	5 mL	5 mL	255319	08/09/22 01:23	A1W	EET CAL 4
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			268.8 mL	2.5 mL	256117	08/11/22 13:26	UFLU	EET CAL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1			256193	08/11/22 20:44	A1W	EET CAL 4
	Instrument ID: GC48									

Client Sample ID: GW-080422-LP-MID 1 — Lab Sample ID: 570-105619-2

Date Collected: 08/04/22 12:45 **Matrix: Water**
Date Received: 08/05/22 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	255440	08/09/22 16:59	KHF2	EET CAL 4
	Instrument ID: GCMSW									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	255728	08/10/22 10:13	U1MC	EET CAL 4
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			248.8 mL	2.5 mL	256117	08/11/22 13:26	UFLU	EET CAL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1			256193	08/11/22 21:05	A1W	EET CAL 4
	Instrument ID: GC48									

Client Sample ID: GW-080422-LP-MID 2 — Lab Sample ID: 570-105619-3

Date Collected: 08/04/22 12:30 **Matrix: Water**
Date Received: 08/05/22 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	5 mL	5 mL	255440	08/09/22 17:20	KHF2	EET CAL 4
	Instrument ID: GCMSW									
Total/NA	Analysis	8260C		1	5 mL	5 mL	255243	08/08/22 16:22	OH1	EET CAL 4
	Instrument ID: GCMSZ									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	255319	08/09/22 03:22	A1W	EET CAL 4
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			267.2 mL	2.5 mL	256117	08/11/22 13:26	UFLU	EET CAL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1			256193	08/11/22 21:26	A1W	EET CAL 4
	Instrument ID: GC48									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 570-105619-1

Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-23
Washington	State	C916-18	10-12-22

Method Summary

Client: GHD Services Inc.
Job ID: 570-105619-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET CAL 4
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	EET CAL 4
NWTPH-Dx	Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup	NWTPH	EET CAL 4
3510C SGC	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Job ID: 570-105619-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-105619-1	GW-080422-LP-INF 1	Water	08/04/22 13:00	08/05/22 09:40
570-105619-2	GW-080422-LP-MID 1	Water	08/04/22 12:45	08/05/22 09:40
570-105619-3	GW-080422-LP-MID 2	Water	08/04/22 12:30	08/05/22 09:40

105619

eurofins | Calscience

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus.com or call us

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE 08/04/2022

PAGE 1 OF 1

LABORATORY CLIENT: GHD Services Inc

ADDRESS: 9725 3rd Avenue NE Ste 204

CITY: Seattle STATE: WA ZIP: 98115

TEL.: 253-507-6217

E-MAIL: ~~matthew.davis@ghd~~ Rosemary.Bier@ghd.com

CLIENT PROJECT NAME / NUMBER: P66 Renton Terminal AOC 5228 / 11226464

P O NO: 11226464-2021-04

PROJECT CONTACT: ~~Eric Maise 425-883-3268~~ Rosemary Bier ~~Matt Davis 253-507-6217~~ 305-903-4918

SAMPLER(S) (PRINT): ~~Joe Lewandowski~~ GP Luca Pezzitello

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD'):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✠ STANDARD

☐ COELT EDF

GLOBAL ID:

LOG CODE:

SPECIAL INSTRUCTIONS

Laboratory composite EFF 1, 2, 3 4 samples for BTEX and TPHg
Laboratory composite EFF 5, 6, 7 samples for Oil & Grease

REQUESTED ANALYSES

Please check box or fill in blank as needed

570-105619 Chain of Custody

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	DRO/ORO (NWTPH-Dx)	GRO (NWTPH-Gx)	BTEX (8260)	Oil & Grease (1664)	
1	GW-080422-GP-INF 1	08/4/2022	1300	GW	8		X		X	X	X		
2	GW- ↓ -MID 1	↓	1245	GW	8		X		X	X	X		
3	GW- ↓ -MID 2	↓	1230	GW	8		X		X	X	X		
	~~GW- -EFF~~			~~GW~~			X		X			GP 08/04/22	
	~~GW- -EFF 1~~			~~GW~~			X			X	X	GP 08/04/22	Lab composite
	~~GW- -EFF 2~~			~~GW~~			X			X	X	GP 08/04/22	Lab composite
	~~GW- -EFF 3~~			~~GW~~			X			X	X	GP 08/04/22	Lab composite
	~~GW- -EFF 4~~			GW			X			X	X	GP 08/04/22	Lab composite
	~~GW- EFF 5~~			GW			X					X GP 08/04/22	Lab composite
	~~GW- -EFF 6~~			GW			X					X GP 08/04/22	Lab composite
	~~GW- -EFF 7~~			GW			X					X GP 08/04/22	Lab composite

Relinquished by (Signature): Luca Pezzitello	08/04/2022 1500	Received by (Signature/Affiliation): LG	Date: 8/5/22 Time: 0940
Relinquished by (Signature):		Received by (Signature/Affiliation):	Date: Time:
Relinquished by (Signature):		Received by (Signature/Affiliation):	Date: Time:

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8/12/2022

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-105619-1

Login Number: 105619

List Number: 1

Creator: Patel, Jayesh

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-105617-1
Client Project/Site: P66 Renton Terminal AOC 5228 / 12572873

For:
GHD Services Inc.
9725 3rd Avenue NE, Suite 204
Seattle, Washington 98115

Attn: Fabio Minervini

Vik Patel

Authorized for release by:
8/12/2022 3:35:30 PM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

Table of Contents

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc. Job ID: 570-105617-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Job ID: 570-105617-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-105617-1

Comments
No additional comments.

Receipt
The samples were received on 8/5/2022 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-255243. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-255440. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 1664A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-255547. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. Method 1664.

Method 3510C SGC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-256117. 8015B_DRO. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc. Job ID: 570-105617-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-080422-LP-EFF — Lab Sample ID: 570-105617-1

No Detections.

Client Sample ID: COMPOSITE (GW-080422-LP-EFF 2,3,4,5) — Lab Sample ID: 570-105617-9

No Detections.

Client Sample ID: COMPOSITE (GW-080422-LP-EFF (6,7,8) — Lab Sample ID: 570-105617-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc. Job ID: 570-105617-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: COMPOSITE (GW-080422-LP-EFF 2,3,4,5) **Lab Sample ID: 570-105617-9**
Date Collected: 08/04/22 00:00 **Matrix: Water**
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0		ug/L			08/08/22 16:44	1
o-Xylene	ND		1.0		ug/L			08/08/22 16:44	1
m,p-Xylene	ND		2.0		ug/L			08/08/22 16:44	1
Ethylbenzene	ND		1.0		ug/L			08/08/22 16:44	1
Xylenes, Total	ND		2.0		ug/L			08/08/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 123*		*08/08/22 16:44*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*08/08/22 16:44*	*1*
Dibromofluoromethane (Surr)	*104*		*78 - 120*		*08/08/22 16:44*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/08/22 16:44*	*1*

Client: GHD Services Inc.
Job ID: 570-105617-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Client Sample ID: COMPOSITE (GW-080422-LP-EFF 2,3,4,5)
Lab Sample ID: 570-105617-9
Date Collected: 08/04/22 00:00
Matrix: Water
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			08/09/22 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 123*		*08/09/22 17:41*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/09/22 17:41*	*1*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*08/09/22 17:41*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/09/22 17:41*	*1*

Client: GHD Services Inc.
Job ID: 570-105617-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Client Sample ID: COMPOSITE (GW-080422-LP-EFF 2,3,4,5)
Lab Sample ID: 570-105617-9
Date Collected: 08/04/22 00:00
Matrix: Water
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			08/09/22 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*50 - 150*		*08/09/22 02:58*	*1*

Client: GHD Services Inc. Job ID: 570-105617-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup - Silica Gel Cleanup

Client Sample ID: GW-080422-LP-EFF **Lab Sample ID: 570-105617-1**
Date Collected: 08/04/22 11:30 **Matrix: Water**
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.096		mg/L		08/11/22 13:26	08/11/22 21:47	1
TPH as Motor Oil Range	ND		0.096		mg/L		08/11/22 13:26	08/11/22 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*139*		*50 - 150*	*08/11/22 13:26*	*08/11/22 21:47*	*1*

Client: GHD Services Inc.
Job ID: 570-105617-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

General Chemistry

Client Sample ID: COMPOSITE (GW-080422-LP-EFF (6,7,8)
Lab Sample ID: 570-105617-10
Date Collected: 08/04/22 00:00
Matrix: Water
Date Received: 08/05/22 09:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		0.952		mg/L		08/09/22 15:44	08/09/22 15:44	1

Surrogate Summary

Client: GHD Services Inc.
Job ID: 570-105617-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-105617-9	COMPOSITE (GW-080422-LP-EFF	103	94	104	100
570-105617-9 - RA	COMPOSITE (GW-080422-LP-EFF 2,3,4,5)	99	102	102	101
LCS 570-255243/3	Lab Control Sample	99	100	104	102
LCS 570-255440/3	Lab Control Sample	104	102	100	99
LCSD 570-255243/4	Lab Control Sample Dup	102	99	104	101
LCSD 570-255440/4	Lab Control Sample Dup	100	102	99	99
MB 570-255243/6	Method Blank	101	93	103	100
MB 570-255440/6	Method Blank	101	101	102	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-105617-9	COMPOSITE (GW-080422-LP-EFF	79
570-105617-9 MS	COMPOSITE (GW-080422-LP-EFF 2,3,4,5)	91
570-105617-9 MSD	COMPOSITE (GW-080422-LP-EFF 2,3,4,5)	91
LCS 570-255319/24	Lab Control Sample	92
LCSD 570-255319/25	Lab Control Sample Dup	95
MB 570-255319/26	Method Blank	76

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Matrix: Water
Prep Type: Silica Gel Cleanup

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-105617-1	GW-080422-LP-EFF	139
LCS 570-256117/2-A	Lab Control Sample	115
LCSD 570-256117/3-A	Lab Control Sample Dup	111
MB 570-256117/1-A	Method Blank	118

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 570-255243/6
Matrix: Water
Analysis Batch: 255243

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			08/08/22 11:16	1
Toluene	ND		1.0		ug/L			08/08/22 11:16	1
o-Xylene	ND		1.0		ug/L			08/08/22 11:16	1
m,p-Xylene	ND		2.0		ug/L			08/08/22 11:16	1
Ethylbenzene	ND		1.0		ug/L			08/08/22 11:16	1
Xylenes, Total	ND		2.0		ug/L			08/08/22 11:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 123*		*08/08/22 11:16*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*08/08/22 11:16*	*1*
Dibromofluoromethane (Surr)	*103*		*78 - 120*		*08/08/22 11:16*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/08/22 11:16*	*1*

Lab Sample ID: LCS 570-255243/3
Matrix: Water
Analysis Batch: 255243

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	18.99		ug/L		95	76 - 120		
Toluene			20.0	19.19		ug/L		96	76 - 120		
o-Xylene			20.0	19.00		ug/L		95	80 - 121		
m,p-Xylene			40.0	38.49		ug/L		96	74 - 122		
Ethylbenzene			20.0	19.11		ug/L		96	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 123*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*78 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-255243/4
Matrix: Water
Analysis Batch: 255243

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	19.09		ug/L		95	76 - 120	0	20
Toluene			20.0	19.34		ug/L		97	76 - 120	1	20
o-Xylene			20.0	19.11		ug/L		96	80 - 121	1	20
m,p-Xylene			40.0	38.72		ug/L		97	74 - 122	1	20
Ethylbenzene			20.0	19.12		ug/L		96	80 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 123*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*78 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 570-255440/6
Matrix: Water
Analysis Batch: 255440

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			08/09/22 11:09	1
Toluene	ND		1.0		ug/L			08/09/22 11:09	1
o-Xylene	ND		1.0		ug/L			08/09/22 11:09	1
m,p-Xylene	ND		2.0		ug/L			08/09/22 11:09	1
Ethylbenzene	ND		1.0		ug/L			08/09/22 11:09	1
Xylenes, Total	ND		2.0		ug/L			08/09/22 11:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 123*		*08/09/22 11:09*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/09/22 11:09*	*1*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*08/09/22 11:09*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/09/22 11:09*	*1*

Lab Sample ID: LCS 570-255440/3
Matrix: Water
Analysis Batch: 255440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	18.39		ug/L		92	76 - 120		
Toluene			20.0	18.54		ug/L		93	76 - 120		
o-Xylene			20.0	19.26		ug/L		96	80 - 121		
m,p-Xylene			40.0	38.18		ug/L		95	74 - 122		
Ethylbenzene			20.0	19.26		ug/L		96	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 123*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-255440/4
Matrix: Water
Analysis Batch: 255440

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	18.60		ug/L		93	76 - 120	1	20
Toluene			20.0	18.72		ug/L		94	76 - 120	1	20
o-Xylene			20.0	19.26		ug/L		96	80 - 121	0	20
m,p-Xylene			40.0	38.68		ug/L		97	74 - 122	1	20
Ethylbenzene			20.0	19.23		ug/L		96	80 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 123*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 570-255319/26
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 255319

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			08/08/22 22:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*50 - 150*		*08/08/22 22:59*	*1*

Lab Sample ID: LCS 570-255319/24
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 255319

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)			1990	2264		ug/L		114	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*50 - 150*

Lab Sample ID: LCSD 570-255319/25
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 255319

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			1990	2190		ug/L		110	76 - 128	3	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*50 - 150*

Lab Sample ID: 570-105617-9 MS
Client Sample ID: COMPOSITE (GW-080422-LP-EFF 2,3,4,5)
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 255319

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)	ND		1990	2126		ug/L		107	69 - 132		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*50 - 150*

Lab Sample ID: 570-105617-9 MSD
Client Sample ID: COMPOSITE (GW-080422-LP-EFF 2,3,4,5)
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 255319

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	ND		1990	2098		ug/L		106	69 - 132	1	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*50 - 150*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Lab Sample ID: MB 570-256117/1-A
Matrix: Water
Analysis Batch: 256193

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 256117

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		08/11/22 13:26	08/11/22 19:21	1
TPH as Motor Oil Range	ND		0.10		mg/L		08/11/22 13:26	08/11/22 19:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*118*		*50 - 150*	*08/11/22 13:26*	*08/11/22 19:21*	*1*

Lab Sample ID: LCS 570-256117/2-A
Matrix: Water
Analysis Batch: 256193

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 256117

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			4.00	4.578		mg/L		114	68 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*115*		*50 - 150*

Lab Sample ID: LCSD 570-256117/3-A
Matrix: Water
Analysis Batch: 256193

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 256117

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			4.00	4.312		mg/L		108	68 - 120	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*111*		*50 - 150*

Method: 1664A - Oil and Grease

Lab Sample ID: MB 570-255547/1-A
Matrix: Water
Analysis Batch: 255818

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255547

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		1.00		mg/L		08/09/22 15:44	08/09/22 15:44	1

Lab Sample ID: LCS 570-255547/2-A
Matrix: Water
Analysis Batch: 255818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255547

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Oil & Grease			40.0	38.40		mg/L		96	78 - 114		

Lab Sample ID: LCSD 570-255547/3-A
Matrix: Water
Analysis Batch: 255818

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255547

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Oil & Grease			40.0	37.30		mg/L		93	78 - 114	3	18

GC/MS VOA

Analysis Batch: 255243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105617-9	COMPOSITE (GW-080422-LP-EFF 2,3,4,5)	Total/NA	Water	8260C	
MB 570-255243/6	Method Blank	Total/NA	Water	8260C	
LCS 570-255243/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 570-255243/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 255440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105617-9 - RA	COMPOSITE (GW-080422-LP-EFF 2,3,4,5)	Total/NA	Water	8260C	
MB 570-255440/6	Method Blank	Total/NA	Water	8260C	
LCS 570-255440/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 570-255440/4	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 255319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105617-9	COMPOSITE (GW-080422-LP-EFF 2,3,4,5)	Total/NA	Water	NWTPH-Gx	
MB 570-255319/26	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-255319/24	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-255319/25	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
570-105617-9 MS	COMPOSITE (GW-080422-LP-EFF 2,3,4,5)	Total/NA	Water	NWTPH-Gx	
570-105617-9 MSD	COMPOSITE (GW-080422-LP-EFF 2,3,4,5)	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 256117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105617-1	GW-080422-LP-EFF	Silica Gel Cleanup	Water	3510C SGC	
MB 570-256117/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	
LCS 570-256117/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 570-256117/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 256193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105617-1	GW-080422-LP-EFF	Silica Gel Cleanup	Water	NWTPH-Dx	256117
MB 570-256117/1-A	Method Blank	Silica Gel Cleanup	Water	NWTPH-Dx	256117
LCS 570-256117/2-A	Lab Control Sample	Silica Gel Cleanup	Water	NWTPH-Dx	256117
LCSD 570-256117/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	NWTPH-Dx	256117

General Chemistry

Prep Batch: 255547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105617-10	COMPOSITE (GW-080422-LP-EFF (6,7,8)	Total/NA	Water	1664A	
MB 570-255547/1-A	Method Blank	Total/NA	Water	1664A	
LCS 570-255547/2-A	Lab Control Sample	Total/NA	Water	1664A	
LCSD 570-255547/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	

Analysis Batch: 255818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-105617-10	COMPOSITE (GW-080422-LP-EFF (6,7,8)	Total/NA	Water	1664A	255547
MB 570-255547/1-A	Method Blank	Total/NA	Water	1664A	255547

General Chemistry (Continued)

Analysis Batch: 255818 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-255547/2-A	Lab Control Sample	Total/NA	Water	1664A	255547
LCSD 570-255547/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	255547

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-105617-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-080422-LP-EFF — Lab Sample ID: 570-105617-1

Date Collected: 08/04/22 11:30 — **Matrix: Water**
Date Received: 08/05/22 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Silica Gel Cleanup	Prep	3510C SGC			259.1 mL	2.5 mL	256117	08/11/22 13:26	UFLU	EET CAL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1			256193	08/11/22 21:47	A1W	EET CAL 4
	Instrument ID: GC48									

Client Sample ID: COMPOSITE (GW-080422-LP-EFF 2,3,4,5) — Lab Sample ID: 570-105617-9

Date Collected: 08/04/22 00:00 — **Matrix: Water**
Date Received: 08/05/22 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	5 mL	5 mL	255440	08/09/22 17:41	KHF2	EET CAL 4
	Instrument ID: GCMSW									
Total/NA	Analysis	8260C		1	5 mL	5 mL	255243	08/08/22 16:44	OH1	EET CAL 4
	Instrument ID: GCMSZ									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	255319	08/09/22 02:58	A1W	EET CAL 4
	Instrument ID: GC53									

Client Sample ID: COMPOSITE (GW-080422-LP-EFF (6,7,8) — Lab Sample ID: 570-105617-10

Date Collected: 08/04/22 00:00 — **Matrix: Water**
Date Received: 08/05/22 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1664A			1050 mL	1000 mL	255547	08/09/22 15:44	UWEZ	EET CAL 4
Total/NA	Analysis	1664A		1			255818	08/09/22 15:44	OM8W	EET CAL 4
	Instrument ID: NOEQUIP									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 570-105617-1

Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-23
Washington	State	C916-18	10-12-22

Method Summary

Client: GHD Services Inc. Job ID: 570-105617-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET CAL 4
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	EET CAL 4
NWTPH-Dx	Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup	NWTPH	EET CAL 4
1664A	Oil and Grease	40CFR136A	EET CAL 4
1664A	HEM and SGT-HEM (Aqueous)	1664A	EET CAL 4
3510C SGC	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Job ID: 570-105617-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-105617-1	GW-080422-LP-EFF	Water	08/04/22 11:30	08/05/22 09:40
570-105617-9	COMPOSITE (GW-080422-LP-EFF 2,3,4,5)	Water	08/04/22 00:00	08/05/22 09:40
570-105617-10	COMPOSITE (GW-080422-LP-EFF (6,7,8)	Water	08/04/22 00:00	08/05/22 09:40

105617

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7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE 08/04/2022

PAGE 1 OF 1

LABORATORY CLIENT: GHD Services Inc

ADDRESS: 9725 3rd Avenue NE Ste 204

CITY: Seattle STATE: WA ZIP: 98115

TEL.: 253-507-6217

E-MAIL: GP ~~matthew.davis@ghd~~ Rosemary.Bir@ghd.com

CLIENT PROJECT NAME / NUMBER: P66 Renton Terminal AOC 5228 / 11226464

P O NO: 11226464-2021-04

PROJECT CONTACT: GP ~~Eric Maise 425-563-3260~~ Rosemary Bier GP ~~Matt Davis 253-507-6217~~ 305-903-4318

SAMPLER(S) (PRINT): ~~Joe Lewandowski~~ GP Luca Piscitelli

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF

GLOBAL ID:

LOG CODE:

SPECIAL INSTRUCTIONS

Laboratory composite EFF 1, 2 3 4 samples for BTEX and TPHg
Laboratory composite EFF 5, 6, 7 samples for Oil & Grease

REQUESTED ANALYSES

Please check box or fill in blank as needed

570-105617 Chain of Custody

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved	Field Filtered	DRO/ORO (NWTPH-Dx)	GRO (NWTPH-Gx)	BTEX (8260)	Oil & Grease (1664)										
	~~GW - INF 1~~			~~GW~~			X		X	X	X	GP	08/04/22									
	~~GW - MID 1~~			GW			X		X	X	X	GP	08/04/22									
	~~GW - MID 2~~			~~GW~~			X		X	X	X	GP	08/04/22									
1	GW- 080422 - LP - EFF	08/04/2022	1130	GW	2		X		X													
2	GW- - - EFF 1		1130	GW	2		X			X	X											Lab composite
3	GW- - - EFF 2		1145	GW	2		X			X	X											Lab composite
4	GW- - - EFF 3		1200	GW	2		X			X	X											Lab composite
5	GW - - EFF 4		1215	GW	2		X			X	X											Lab composite
6	GW- - - EFF 5		1130	GW	1		X					X										Lab composite
7	GW- - - EFF 6		1145	GW	1		X					X										Lab composite
8	GW- - EFF 7		1200	GW	1		X					X										Lab composite

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Luca Piscitelli 08/04/2022 1500		8/5/22	0940
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

2.6/2.6 SCR

8/25/21 Revision

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8/12/2022

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-105617-1

Login Number: 105617

List Number: 1

Creator: Patel, Jayesh

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-109467-1
Client Project/Site: P66 Renton Terminal AOC 5228 / 12572873

For:
GHD Services Inc.
9725 3rd Avenue NE, Suite 204
Seattle, Washington 98115

Attn: Fabio Minervini

Vik Patel

Authorized for release by:
9/20/2022 2:11:53 PM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 570-109467-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc. Job ID: 570-109467-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Job ID: 570-109467-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-109467-1

Comments
No additional comments.

Receipt
The samples were received on 9/13/2022 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 22.0º C.

Air Toxics
Method TO-15: Surrogate recovery for the following sample was outside control limits: A-091222-LP-INF (570-109467-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc.
Job ID: 570-109467-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: A-091222-LP-INF
Lab Sample ID: 570-109467-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	230		1.3		ppb v/v	2.5		TO-15	Total/NA
o-Xylene	190		1.3		ppb v/v	2.5		TO-15	Total/NA
m,p-Xylene	460		5.0		ppb v/v	2.5		TO-15	Total/NA
Toluene	200		1.3		ppb v/v	2.5		TO-15	Total/NA
Xylenes, Total	650		6.3		ppb v/v	2.5		TO-15	Total/NA
Benzene - DL	280		5.0		ppb v/v	10		TO-15	Total/NA
Gasoline Range Organics (C6-C12)	84		1.0		ppm v/v	1		TO3	Total/NA

Client Sample ID: A-091222-LP-EFF
Lab Sample ID: 570-109467-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	2.2		0.50		ppb v/v	1		TO-15	Total/NA
Toluene	1.2		0.50		ppb v/v	1		TO-15	Total/NA
Gasoline Range Organics (C6-C12)	1.3		1.0		ppm v/v	1		TO3	Total/NA

This Detection Summary does not include radiochemical test results.

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Client Sample ID: A-091222-LP-INF **Lab Sample ID: 570-109467-1**
Date Collected: 09/12/22 12:45 **Matrix: Air**
Date Received: 09/13/22 09:45
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**230**		1.3		ppb v/v			09/18/22 05:17	2.5
o-Xylene	**190**		1.3		ppb v/v			09/18/22 05:17	2.5
m,p-Xylene	**460**		5.0		ppb v/v			09/18/22 05:17	2.5
Toluene	**200**		1.3		ppb v/v			09/18/22 05:17	2.5
Xylenes, Total	**650**		6.3		ppb v/v			09/18/22 05:17	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 132*		*09/18/22 05:17*	*2.5*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*		*09/18/22 05:17*	*2.5*
Toluene-d8 (Surr)	*69*	*S1-*	*70 - 130*		*09/18/22 05:17*	*2.5*

Client Sample ID: A-091222-LP-EFF **Lab Sample ID: 570-109467-2**
Date Collected: 09/12/22 13:00 **Matrix: Air**
Date Received: 09/13/22 09:45
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.2**		0.50		ppb v/v			09/18/22 04:36	1
Ethylbenzene	ND		0.50		ppb v/v			09/18/22 04:36	1
o-Xylene	ND		0.50		ppb v/v			09/18/22 04:36	1
m,p-Xylene	ND		2.0		ppb v/v			09/18/22 04:36	1
Toluene	**1.2**		0.50		ppb v/v			09/18/22 04:36	1
Xylenes, Total	ND		2.5		ppb v/v			09/18/22 04:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 132*		*09/18/22 04:36*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*09/18/22 04:36*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/18/22 04:36*	*1*

Client: GHD Services Inc.
Job ID: 570-109467-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Client Sample ID: A-091222-LP-INF
Lab Sample ID: 570-109467-1
Date Collected: 09/12/22 12:45
Matrix: Air
Date Received: 09/13/22 09:45
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**280**		5.0		ppb v/v			09/18/22 23:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 132*		*09/18/22 23:43*	*10*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*		*09/18/22 23:43*	*10*
Toluene-d8 (Surr)	*85*		*70 - 130*		*09/18/22 23:43*	*10*

Client: GHD Services Inc. Job ID: 570-109467-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: TO3 - Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC)

Client Sample ID: A-091222-LP-INF **Lab Sample ID: 570-109467-1**
Date Collected: 09/12/22 12:45 **Matrix: Air**
Date Received: 09/13/22 09:45
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	84		1.0		ppm v/v			09/13/22 19:30	1

Client Sample ID: A-091222-LP-EFF **Lab Sample ID: 570-109467-2**
Date Collected: 09/12/22 13:00 **Matrix: Air**
Date Received: 09/13/22 09:45
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	1.3		1.0		ppm v/v			09/13/22 18:01	1

Surrogate Summary

Client: GHD Services Inc.
Job ID: 570-109467-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
		DCA	BFB	TOL						
Lab Sample ID	Client Sample ID	(66-132)	(70-130)	(70-130)						
570-109467-1	A-091222-LP-INF	90	113	69 S1-						
570-109467-1 - DL	A-091222-LP-INF	90	114	85						
570-109467-2	A-091222-LP-EFF	92	111	101						
LCS 570-265043/3	Lab Control Sample	94	102	93						
LCS 570-265123/3	Lab Control Sample	90	102	91						
LCSD 570-265043/4	Lab Control Sample Dup	90	100	94						
LCSD 570-265123/4	Lab Control Sample Dup	90	104	95						
MB 570-265043/7	Method Blank	88	105	91						
MB 570-265123/6	Method Blank	87	102	93						

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 570-265043/7
Matrix: Air
Analysis Batch: 265043

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ppb v/v			09/17/22 20:47	1
Ethylbenzene	ND		0.50		ppb v/v			09/17/22 20:47	1
o-Xylene	ND		0.50		ppb v/v			09/17/22 20:47	1
m,p-Xylene	ND		2.0		ppb v/v			09/17/22 20:47	1
Toluene	ND		0.50		ppb v/v			09/17/22 20:47	1
Xylenes, Total	ND		2.5		ppb v/v			09/17/22 20:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*66 - 132*		*09/17/22 20:47*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*09/17/22 20:47*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*09/17/22 20:47*	*1*

Lab Sample ID: LCS 570-265043/3
Matrix: Air
Analysis Batch: 265043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			25.0	28.65		ppb v/v		115	68 - 134		
Ethylbenzene			25.0	31.95		ppb v/v		128	70 - 130		
o-Xylene			25.0	32.45		ppb v/v		130	68 - 130		
m,p-Xylene			50.0	64.24		ppb v/v		128	70 - 130		
Toluene			25.0	31.65		ppb v/v		127	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 132*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 570-265043/4
Matrix: Air
Analysis Batch: 265043

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			25.0	26.66		ppb v/v		107	68 - 134	7	25
Ethylbenzene			25.0	30.66		ppb v/v		123	70 - 130	4	25
o-Xylene			25.0	30.64		ppb v/v		123	68 - 130	6	25
m,p-Xylene			50.0	60.07		ppb v/v		120	70 - 130	7	25
Toluene			25.0	29.77		ppb v/v		119	70 - 130	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 132*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-265123/6
Matrix: Air
Analysis Batch: 265123

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ppb v/v			09/18/22 19:49	1
Ethylbenzene	ND		0.50		ppb v/v			09/18/22 19:49	1
o-Xylene	ND		0.50		ppb v/v			09/18/22 19:49	1
m,p-Xylene	ND		2.0		ppb v/v			09/18/22 19:49	1
Toluene	ND		0.50		ppb v/v			09/18/22 19:49	1
Xylenes, Total	ND		2.5		ppb v/v			09/18/22 19:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*66 - 132*		*09/18/22 19:49*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*09/18/22 19:49*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*09/18/22 19:49*	*1*

Lab Sample ID: LCS 570-265123/3
Matrix: Air
Analysis Batch: 265123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			25.0	28.12		ppb v/v		112	68 - 134		
Ethylbenzene			25.0	31.20		ppb v/v		125	70 - 130		
o-Xylene			25.0	31.26		ppb v/v		125	68 - 130		
m,p-Xylene			50.0	61.40		ppb v/v		123	70 - 130		
Toluene			25.0	29.76		ppb v/v		119	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 132*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 570-265123/4
Matrix: Air
Analysis Batch: 265123

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			25.0	29.05		ppb v/v		116	68 - 134	3	25
Ethylbenzene			25.0	31.62		ppb v/v		126	70 - 130	1	25
o-Xylene			25.0	32.43		ppb v/v		130	68 - 130	4	25
m,p-Xylene			50.0	63.02		ppb v/v		126	70 - 130	3	25
Toluene			25.0	31.52		ppb v/v		126	70 - 130	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 132*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Method: TO3 - Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC)

Lab Sample ID: MB 570-263726/4
Matrix: Air
Analysis Batch: 263726

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C6-C12)	ND		1.0		ppm v/v			09/13/22 14:07	1

Lab Sample ID: LCS 570-263726/2
Matrix: Air
Analysis Batch: 263726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C6-C12)			100	119.8		ppm v/v		120	80 - 120		

Lab Sample ID: 570-109467-1 DU
Matrix: Air
Analysis Batch: 263726

Client Sample ID: A-091222-LP-INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Gasoline Range Organics (C6-C12)	84			80.29		ppm v/v				5	20

QC Association Summary

Client: GHD Services Inc.
Job ID: 570-109467-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Air - GC/MS VOA

Analysis Batch: 265043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109467-1	A-091222-LP-INF	Total/NA	Air	TO-15	
570-109467-2	A-091222-LP-EFF	Total/NA	Air	TO-15	
MB 570-265043/7	Method Blank	Total/NA	Air	TO-15	
LCS 570-265043/3	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-265043/4	Lab Control Sample Dup	Total/NA	Air	TO-15	

Analysis Batch: 265123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109467-1 - DL	A-091222-LP-INF	Total/NA	Air	TO-15	
MB 570-265123/6	Method Blank	Total/NA	Air	TO-15	
LCS 570-265123/3	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-265123/4	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 263726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109467-1	A-091222-LP-INF	Total/NA	Air	TO3	
570-109467-2	A-091222-LP-EFF	Total/NA	Air	TO3	
MB 570-263726/4	Method Blank	Total/NA	Air	TO3	
LCS 570-263726/2	Lab Control Sample	Total/NA	Air	TO3	
570-109467-1 DU	A-091222-LP-INF	Total/NA	Air	TO3	

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-109467-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: A-091222-LP-INF — Lab Sample ID: 570-109467-1

Date Collected: 09/12/22 12:45 — **Matrix: Air**
Date Received: 09/13/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		2.5	250 mL	250 mL	265043	09/18/22 05:17	UHOG	EET CAL 4
	Instrument ID: GCMSNN									
Total/NA	Analysis	TO-15	DL	10	250 mL	250 mL	265123	09/18/22 23:43	USQD	EET CAL 4
	Instrument ID: GCMSNN									
Total/NA	Analysis	TO3		1	10 mL	10 mL	263726	09/13/22 19:30	DU6U	EET CAL 4
	Instrument ID: GC38									

Client Sample ID: A-091222-LP-EFF — Lab Sample ID: 570-109467-2

Date Collected: 09/12/22 13:00 — **Matrix: Air**
Date Received: 09/13/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	265043	09/18/22 04:36	UHOG	EET CAL 4
	Instrument ID: GCMSNN									
Total/NA	Analysis	TO3		1	10 mL	10 mL	263726	09/13/22 18:01	DU6U	EET CAL 4
	Instrument ID: GC38									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 570-109467-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-23
Washington	State	C916-18	10-12-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	m,p-Xylene
TO-15		Air	o-Xylene

Method Summary

Client: GHD Services Inc.
Job ID: 570-109467-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET CAL 4
TO3	Volatile Organic Compounds in Ambient Air, Cryogenic Pre-Conc Techniques (GC)	EPA	EET CAL 4

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Job ID: 570-109467-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-109467-1	A-091222-LP-INF	Air	09/12/22 12:45	09/13/22 09:45	Air Canister (1-Liter) #LC728
570-109467-2	A-091222-LP-EFF	Air	09/12/22 13:00	09/13/22 09:45	Air Canister (1-Liter) #LC934

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570-109467 Chain of Custody

Loc: 570

109467 CHAIN OF CUSTODY RECORD

DATE 09/12/22

PAGE 1 OF 1

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

LABORATORY CLIENT: GHD Services Inc

CLIENT PROJECT NAME / NUMBER: P66 Renton Terminal AOC 5228 ~~/ 41226464~~ 12572873

P O NO: 12572873-2022-03 ~~14226464-2021-04~~

ADDRESS: 9725 3rd Avenue NE Ste 204

PROJECT CONTACT: ~~Eric Maise 425-563-3260~~ LP Rose B er 206-102-MK ~~Matt Davis 253-507-6217~~ JP Luca Pisc tello 253-946-5211

SAMPLER(S) (PRINT): ~~Joe Lewandowski~~ LP Luca Pisc tello

CITY: Seattle STATE: WA ZIP: 98115

TEL.: ~~253-507-6217~~ LP 206-802-1595

E-MAIL: ~~matthew.davis@ghd~~ LP Rosemary.Beer@ghd.com

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✠ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS

REQUESTED ANALYSES

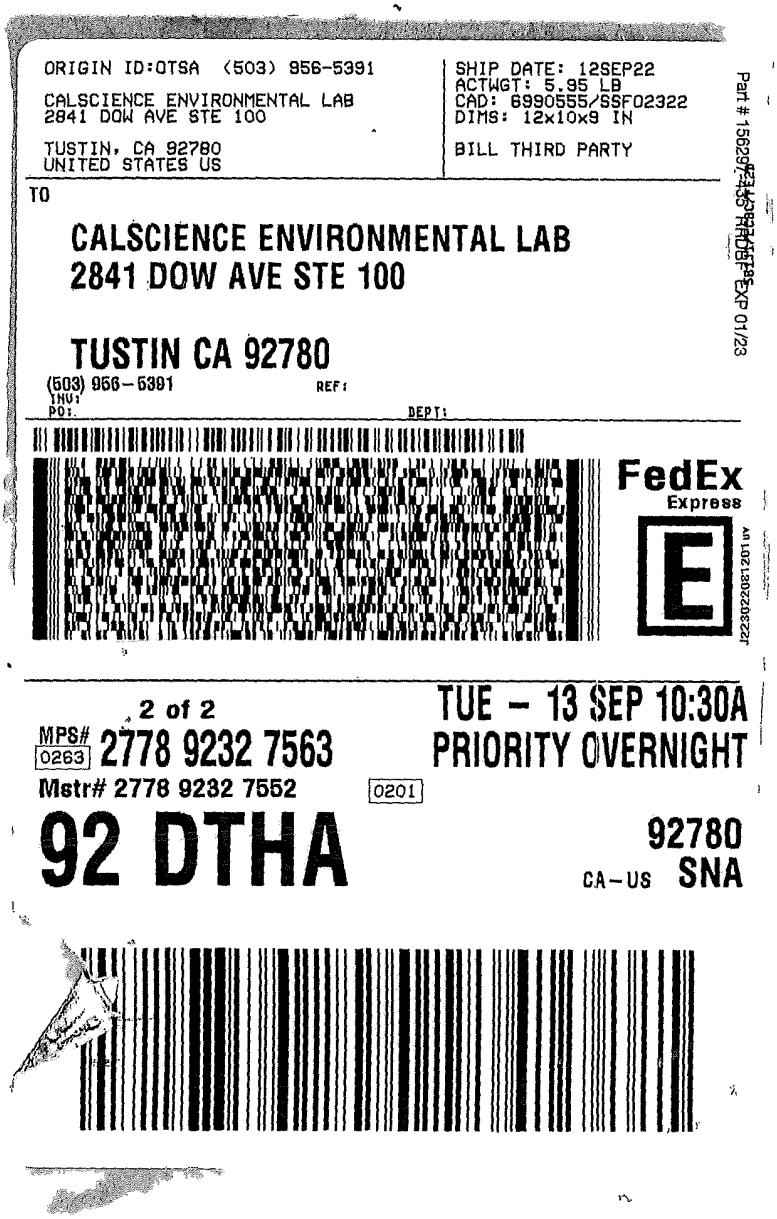
Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	GRO (TO-3)	BTEX (TO-15)	# TP
1	A-091222 - LP - INF	09/12/22	1245	A	1	X			X	X	LC728
2	A- ↓ - ↓ - EFF	↓	1300	A	1	X			X	X	LC934

Relinquished by (Signature)		Received by: (Signature/Affiliation)	Date	Time
Luca Pisciotello	09/12/22 1500		9/13/22	0947
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date	Time

220

8/25/21 Revision



ORIGIN ID:OTSA (503) 956-5391
CALSCIENCE ENVIRONMENTAL LAB
2841 DOW AVE STE 100
TUSTIN, CA 92780
UNITED STATES US

SHIP DATE: 12SEP22
ACTWGT: 5.95 LB
CAD: 6990555/SSFO2322
DIMS: 12x10x9 IN

BILL THIRD PARTY

TO
CALSCIENCE ENVIRONMENTAL LAB
2841 DOW AVE STE 100

TUSTIN CA 92780
(503) 956-5391 REF:
INV:
PO: DEPT:

FedEx Express

2 of 2
MPS# 0263 2778 9232 7563
Mstr# 2778 9232 7552 0201

TUE - 13 SEP 10:30A
PRIORITY OVERNIGHT

92 DTHA

92780
CA-US SNA

570-109467 Waybill

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-109467-1

Login Number: 109467
List Number: 1
Creator: Cruise, Noel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Summa Canister Dilution Worksheet

Client: GHD Services Inc.
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Job No.: 570-109467-1

Lab Sample ID	Canister Volume (L)	Presampling Pressure ("Hg)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initials
570-109467-1	1	-29.5	-5.8	0.81	0.81	-2.84869	0.81	0.81		1.00	1.00	AIR MG 4	09/13/22 17:56	QXZ2
570-109467-2	1	-29.5	-5	0.83	0.83	-2.45577	0.83	0.83		1.00	1.00	AIR MG 4	09/13/22 17:57	QXZ2

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-109443-1
Client Project/Site: P66 Renton Terminal AOC 5228 / 12572873

For:
GHD Services Inc.
9725 3rd Avenue NE, Suite 204
Seattle, Washington 98115

Attn: Fabio Minervini

Vik Patel

Authorized for release by:
9/22/2022 1:10:19 PM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 570-109443-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-109443-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-109443-1

Comments
No additional comments.

Receipt
The samples were received on 9/13/2022 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-264490. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C SGC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-265756. 8015B_DRO. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc.
Job ID: 570-109443-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-091222-LP-INF 1
Lab Sample ID: 570-109443-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	82		25		ug/L	50		8260C	Total/NA
Toluene	190		50		ug/L	50		8260C	Total/NA
o-Xylene	380		50		ug/L	50		8260C	Total/NA
m,p-Xylene	1500		100		ug/L	50		8260C	Total/NA
Ethylbenzene	72		50		ug/L	50		8260C	Total/NA
Xylenes, Total	1900		100		ug/L	50		8260C	Total/NA
TPH as Gasoline (C4-C13)	7400		100		ug/L	1		NWTPH-Gx	Total/NA
TPH as Diesel Range	0.96		0.095		mg/L	1		NWTPH-Dx	Silica Gel Cleanup

Client Sample ID: GW-091222-LP-MID 1
Lab Sample ID: 570-109443-2

No Detections.

Client Sample ID: GW-091222-LP-MID 2
Lab Sample ID: 570-109443-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	6.3		0.50		ug/L	1		8260C	Total/NA
Toluene	1.4		1.0		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: GW-091222-LP-INF 1 **Lab Sample ID: 570-109443-1**
Date Collected: 09/12/22 12:30 **Matrix: Water**
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**82**		25		ug/L			09/16/22 02:22	50
Toluene	**190**		50		ug/L			09/16/22 02:22	50
o-Xylene	**380**		50		ug/L			09/16/22 02:22	50
m,p-Xylene	**1500**		100		ug/L			09/16/22 02:22	50
Ethylbenzene	**72**		50		ug/L			09/16/22 02:22	50
Xylenes, Total	**1900**		100		ug/L			09/16/22 02:22	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 123*		*09/16/22 02:22*	*50*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*09/16/22 02:22*	*50*
Dibromofluoromethane (Surr)	*105*		*78 - 120*		*09/16/22 02:22*	*50*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/16/22 02:22*	*50*

Client Sample ID: GW-091222-LP-MID 1 **Lab Sample ID: 570-109443-2**
Date Collected: 09/12/22 12:15 **Matrix: Water**
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/16/22 02:43	1
Toluene	ND		1.0		ug/L			09/16/22 02:43	1
o-Xylene	ND		1.0		ug/L			09/16/22 02:43	1
m,p-Xylene	ND		2.0		ug/L			09/16/22 02:43	1
Ethylbenzene	ND		1.0		ug/L			09/16/22 02:43	1
Xylenes, Total	ND		2.0		ug/L			09/16/22 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 123*		*09/16/22 02:43*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/16/22 02:43*	*1*
Dibromofluoromethane (Surr)	*105*		*78 - 120*		*09/16/22 02:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/16/22 02:43*	*1*

Client Sample ID: GW-091222-LP-MID 2 **Lab Sample ID: 570-109443-3**
Date Collected: 09/12/22 12:00 **Matrix: Water**
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**6.3**		0.50		ug/L			09/16/22 03:05	1
Toluene	**1.4**		1.0		ug/L			09/16/22 03:05	1
o-Xylene	ND		1.0		ug/L			09/16/22 03:05	1
m,p-Xylene	ND		2.0		ug/L			09/16/22 03:05	1
Ethylbenzene	ND		1.0		ug/L			09/16/22 03:05	1
Xylenes, Total	ND		2.0		ug/L			09/16/22 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 123*		*09/16/22 03:05*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*09/16/22 03:05*	*1*
Dibromofluoromethane (Surr)	*106*		*78 - 120*		*09/16/22 03:05*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/16/22 03:05*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Client Sample ID: GW-091222-LP-INF 1
Lab Sample ID: 570-109443-1
Date Collected: 09/12/22 12:30
Matrix: Water
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	**7400**		100		ug/L			09/14/22 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*50 - 150*		*09/14/22 20:08*	*1*

Client Sample ID: GW-091222-LP-MID 1
Lab Sample ID: 570-109443-2
Date Collected: 09/12/22 12:15
Matrix: Water
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/14/22 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*50 - 150*		*09/14/22 20:32*	*1*

Client Sample ID: GW-091222-LP-MID 2
Lab Sample ID: 570-109443-3
Date Collected: 09/12/22 12:00
Matrix: Water
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/14/22 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*50 - 150*		*09/14/22 20:56*	*1*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup - Silica Gel Cleanup

Client Sample ID: GW-091222-LP-INF 1 **Lab Sample ID: 570-109443-1**
Date Collected: 09/12/22 12:30 **Matrix: Water**
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**0.96**		0.095		mg/L		09/20/22 13:50	09/20/22 22:15	1
TPH as Motor Oil Range	ND		0.095		mg/L		09/20/22 13:50	09/20/22 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*119*		*50 - 150*	*09/20/22 13:50*	*09/20/22 22:15*	*1*

Client Sample ID: GW-091222-LP-MID 1 **Lab Sample ID: 570-109443-2**
Date Collected: 09/12/22 12:15 **Matrix: Water**
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.098		mg/L		09/20/22 13:50	09/20/22 22:35	1
TPH as Motor Oil Range	ND		0.098		mg/L		09/20/22 13:50	09/20/22 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*109*		*50 - 150*	*09/20/22 13:50*	*09/20/22 22:35*	*1*

Client Sample ID: GW-091222-LP-MID 2 **Lab Sample ID: 570-109443-3**
Date Collected: 09/12/22 12:00 **Matrix: Water**
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.095		mg/L		09/20/22 13:50	09/20/22 22:56	1
TPH as Motor Oil Range	ND		0.095		mg/L		09/20/22 13:50	09/20/22 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*111*		*50 - 150*	*09/20/22 13:50*	*09/20/22 22:56*	*1*

Surrogate Summary

Client: GHD Services Inc.
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Job ID: 570-109443-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-109443-1	GW-091222-LP-INF 1	105	96	105	100
570-109443-2	GW-091222-LP-MID 1	105	94	105	100
570-109443-3	GW-091222-LP-MID 2	106	96	106	100
LCS 570-264490/4	Lab Control Sample	97	100	100	100
LCSD 570-264490/5	Lab Control Sample Dup	98	100	99	101
MB 570-264490/7	Method Blank	102	95	103	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-109443-1	GW-091222-LP-INF 1	99
570-109443-2	GW-091222-LP-MID 1	89
570-109443-3	GW-091222-LP-MID 2	87
LCS 570-264042/3	Lab Control Sample	85
LCSD 570-264042/4	Lab Control Sample Dup	87
MB 570-264042/5	Method Blank	76

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Matrix: Water — **Prep Type: Silica Gel Cleanup**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-109443-1	GW-091222-LP-INF 1	119
570-109443-2	GW-091222-LP-MID 1	109
570-109443-3	GW-091222-LP-MID 2	111
LCS 570-265756/2-A	Lab Control Sample	88
LCSD 570-265756/3-A	Lab Control Sample Dup	96
MB 570-265756/1-A	Method Blank	76

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 570-264490/7
Matrix: Water
Analysis Batch: 264490

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/15/22 21:21	1
Toluene	ND		1.0		ug/L			09/15/22 21:21	1
o-Xylene	ND		1.0		ug/L			09/15/22 21:21	1
m,p-Xylene	ND		2.0		ug/L			09/15/22 21:21	1
Ethylbenzene	ND		1.0		ug/L			09/15/22 21:21	1
Xylenes, Total	ND		2.0		ug/L			09/15/22 21:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 123*		*09/15/22 21:21*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*09/15/22 21:21*	*1*
Dibromofluoromethane (Surr)	*103*		*78 - 120*		*09/15/22 21:21*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/15/22 21:21*	*1*

Lab Sample ID: LCS 570-264490/4
Matrix: Water
Analysis Batch: 264490

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	21.86		ug/L		109	76 - 120		
Toluene			20.0	21.81		ug/L		109	76 - 120		
o-Xylene			20.0	22.82		ug/L		114	80 - 121		
m,p-Xylene			40.0	46.38		ug/L		116	74 - 122		
Ethylbenzene			20.0	22.28		ug/L		111	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 123*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-264490/5
Matrix: Water
Analysis Batch: 264490

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	22.47		ug/L		112	76 - 120	3	20
Toluene			20.0	22.52		ug/L		113	76 - 120	3	20
o-Xylene			20.0	23.25		ug/L		116	80 - 121	2	20
m,p-Xylene			40.0	47.48		ug/L		119	74 - 122	2	20
Ethylbenzene			20.0	22.87		ug/L		114	80 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 123*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*78 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 570-264042/5
Matrix: Water
Analysis Batch: 264042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/14/22 12:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*50 - 150*		*09/14/22 12:28*	*1*

Lab Sample ID: LCS 570-264042/3
Matrix: Water
Analysis Batch: 264042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)			1990	1739		ug/L		87	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*50 - 150*

Lab Sample ID: LCSD 570-264042/4
Matrix: Water
Analysis Batch: 264042

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			1990	1742		ug/L		88	76 - 128	0	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*50 - 150*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Lab Sample ID: MB 570-265756/1-A
Matrix: Water
Analysis Batch: 265821

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 265756

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		09/20/22 13:49	09/20/22 19:08	1
TPH as Motor Oil Range	ND		0.10		mg/L		09/20/22 13:49	09/20/22 19:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*76*		*50 - 150*	*09/20/22 13:49*	*09/20/22 19:08*	*1*

Lab Sample ID: LCS 570-265756/2-A
Matrix: Water
Analysis Batch: 265821

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 265756

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			4.00	2.939		mg/L		73	68 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*88*		*50 - 150*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup (Continued)

Lab Sample ID: LCSD 570-265756/3-A
Matrix: Water
Analysis Batch: 265821

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 265756

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			4.00	3.043		mg/L		76	68 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*96*		*50 - 150*

QC Association Summary

Client: GHD Services Inc.
Job ID: 570-109443-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

GC/MS VOA

Analysis Batch: 264490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109443-1	GW-091222-LP-INF 1	Total/NA	Water	8260C	
570-109443-2	GW-091222-LP-MID 1	Total/NA	Water	8260C	
570-109443-3	GW-091222-LP-MID 2	Total/NA	Water	8260C	
MB 570-264490/7	Method Blank	Total/NA	Water	8260C	
LCS 570-264490/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 570-264490/5	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 264042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109443-1	GW-091222-LP-INF 1	Total/NA	Water	NWTPH-Gx	
570-109443-2	GW-091222-LP-MID 1	Total/NA	Water	NWTPH-Gx	
570-109443-3	GW-091222-LP-MID 2	Total/NA	Water	NWTPH-Gx	
MB 570-264042/5	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-264042/3	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-264042/4	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 265756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109443-1	GW-091222-LP-INF 1	Silica Gel Cleanup	Water	3510C SGC	
570-109443-2	GW-091222-LP-MID 1	Silica Gel Cleanup	Water	3510C SGC	
570-109443-3	GW-091222-LP-MID 2	Silica Gel Cleanup	Water	3510C SGC	
MB 570-265756/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	
LCS 570-265756/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 570-265756/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 265821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109443-1	GW-091222-LP-INF 1	Silica Gel Cleanup	Water	NWTPH-Dx	265756
570-109443-2	GW-091222-LP-MID 1	Silica Gel Cleanup	Water	NWTPH-Dx	265756
570-109443-3	GW-091222-LP-MID 2	Silica Gel Cleanup	Water	NWTPH-Dx	265756
MB 570-265756/1-A	Method Blank	Silica Gel Cleanup	Water	NWTPH-Dx	265756
LCS 570-265756/2-A	Lab Control Sample	Silica Gel Cleanup	Water	NWTPH-Dx	265756
LCSD 570-265756/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	NWTPH-Dx	265756

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-109443-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-091222-LP-INF 1 — Lab Sample ID: 570-109443-1

Date Collected: 09/12/22 12:30 — **Matrix: Water**
Date Received: 09/13/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	5 mL	5 mL	264490	09/16/22 02:22	A1W	EET CAL 4
	Instrument ID: GCMSXX									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	264042	09/14/22 20:08	P1R	EET CAL 4
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			264.3 mL	2.5 mL	265756	09/20/22 13:50	UFLU	EET CAL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	265821	09/20/22 22:15	N5Y3	EET CAL 4
	Instrument ID: GC48									

Client Sample ID: GW-091222-LP-MID 1 — Lab Sample ID: 570-109443-2

Date Collected: 09/12/22 12:15 — **Matrix: Water**
Date Received: 09/13/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	264490	09/16/22 02:43	A1W	EET CAL 4
	Instrument ID: GCMSXX									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	264042	09/14/22 20:32	P1R	EET CAL 4
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			255.2 mL	2.5 mL	265756	09/20/22 13:50	UFLU	EET CAL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	265821	09/20/22 22:35	N5Y3	EET CAL 4
	Instrument ID: GC48									

Client Sample ID: GW-091222-LP-MID 2 — Lab Sample ID: 570-109443-3

Date Collected: 09/12/22 12:00 — **Matrix: Water**
Date Received: 09/13/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	264490	09/16/22 03:05	A1W	EET CAL 4
	Instrument ID: GCMSXX									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	264042	09/14/22 20:56	P1R	EET CAL 4
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			262.4 mL	2.5 mL	265756	09/20/22 13:50	UFLU	EET CAL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	265821	09/20/22 22:56	N5Y3	EET CAL 4
	Instrument ID: GC48									

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 570-109443-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-23
Washington	State	C916-18	10-12-22

Method Summary

Client: GHD Services Inc.
Job ID: 570-109443-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET CAL 4
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	EET CAL 4
NWTPH-Dx	Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup	NWTPH	EET CAL 4
3510C SGC	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Job ID: 570-109443-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-109443-1	GW-091222-LP-INF 1	Water	09/12/22 12:30	09/13/22 09:45
570-109443-2	GW-091222-LP-MID 1	Water	09/12/22 12:15	09/13/22 09:45
570-109443-3	GW-091222-LP-MID 2	Water	09/12/22 12:00	09/13/22 09:45

109443

eurofins | Calscience

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE 09/12/22

PAGE 2 OF 2

LABORATORY CLIENT: GHD Services Inc

ADDRESS: 9725 3rd Avenue NE Ste 204

CITY: Seattle STATE: WA ZIP: 98115

TEL: ~~253-507-6217~~ 206-902-1545

E-MAIL: ~~matthew.davis@ghd~~ Rosemary.Bruce@ghd.com

CLIENT PROJECT NAME / NUMBER: P66 Renton Terminal AOC 5228 / ~~11226464~~ 12572873

P O NO: 12572873-2022 03 ~~11226464-2021-04~~

PROJECT CONTACT: ~~Eric Maise 425-563-9260~~ Rosemary Bruce 206-902-1545 ~~Matt Davis 253-507-6217~~ Luca P. 503-956-5391

SAMPLER(S) (PRINT): ~~Joe Lewandowski~~ Luca P. Scelfo

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD).

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✠ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE

SPECIAL INSTRUCTIONS.

Laboratory composite EFF 1, 2, 3 4 samples for BTEX and TPHg
Laboratory composite EFF 5, 6, 7 samples for Oil & Grease

REQUESTED ANALYSES

Please check box or fill in blank as needed

570-109443 Chain of Custody

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved	Field Filtered	DRO/ORO (NWTPH-Dx)	GRO (NWTPH-Gx)	BTEX (8260)	Oil & Grease (1664)	
	GW-091222-LP-INF 1	09/12/22	1230	GW	8		X		X	X	X		
	GW- - MID 1	↓	1215	GW	8		X		X	X	X		
	GW- - MID 2	↓	1200	GW	8		X		X	X	X		
	~~GW- - EFF~~			~~GW~~			X		X			LP 09/12/22	
	~~GW- - EFF 1~~			~~GW~~			X			X	X	LP 09/12/22	Lab composite
	~~GW- - EFF 2~~			~~GW~~			X			X	X	LP 09/12/22	Lab composite
	~~GW- - EFF 3~~			~~GW~~			X			X	X	LP 09/12/22	Lab composite
	GW- - EFF 4			GW			X			X	X	LP 09/12/22	Lab composite
	~~GW- EFF 5~~			~~GW~~			X					X LP 09/12/22	Lab composite
	~~GW- EFF 6~~			~~GW~~			X					X LP 09/12/22	Lab composite
	~~GW- EFF 7~~			~~GW~~			X					X LP 09/12/22	Lab composite

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Luca P Scelfo 09/12/22 1500		9/13/22	0945
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

23/26 1K SCI

8/25/21 Revision

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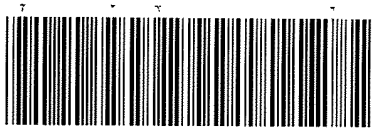
9/22/2022

109443



570-109443 Waybill

ORIGIN ID:OTSA (503) 956-5391

CALSCIENCE ENVIRONMENTAL LAB
2841 DOW AVE STE 100

TUSTIN, CA 92780
UNITED STATES US

SHIP DATE: 12SEP22
ACTWGT: 47.55 LB
CAD: 6990555/SSF02322
DIMS: 24x14x14 IN

BILL THIRD PARTY

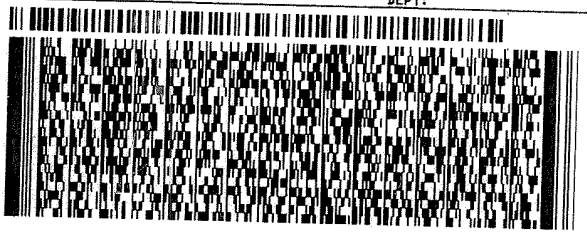
Part # 156297-441-RRD EXP 01/23

TO

CALSCIENCE ENVIRONMENTAL LAB
2841 DOW AVE STE 100

TUSTIN CA 92780

(503) 956-5391 REF:
INV:
PO: DEPT:



FedEx Express

1 of 2

TRK# 0201 2778 9232 7552

MASTER

92 DTHA

TUE - 13 SEP 10:30A
PRIORITY OVERNIGHT

92780
CA-US SNA

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-109443-1

Login Number: 109443
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-109440-1
Client Project/Site: P66 Renton Terminal AOC 5228 / 12572873

For:
GHD Services Inc.
9725 3rd Avenue NE, Suite 204
Seattle, Washington 98115

Attn: Fabio Minervini

Authorized for release by:
9/23/2022 1:09:52 PM
Erick Ovalle, Project Manager
(657)210-6331
Erick.Ovalle@et.eurofinsus.com

Designee for

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 570-109440-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-109440-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-109440-1

Comments
No additional comments.

Receipt
The samples were received on 9/13/2022 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-265892. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 1664A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-264731. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 3510C SGC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-265756. 8015B_DRO. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc. Job ID: 570-109440-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-091222-LP-EFF Lab Sample ID: 570-109440-1

No Detections.

Client Sample ID: COMPOSITE GW-091222-LP-EFF 1,2,3,4) Lab Sample ID: 570-109440-9

No Detections.

Client Sample ID: COMPOSITE GW-091222-LP-EFF 5,6,7) Lab Sample ID: 570-109440-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Job ID: 570-109440-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: COMPOSITE GW-091222-LP-EFF 1,2,3,4)
Lab Sample ID: 570-109440-9
Date Collected: 09/12/22 00:00
Matrix: Water
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/21/22 03:43	1
Toluene	ND		1.0		ug/L			09/21/22 03:43	1
o-Xylene	ND		1.0		ug/L			09/21/22 03:43	1
m,p-Xylene	ND		2.0		ug/L			09/21/22 03:43	1
Ethylbenzene	ND		1.0		ug/L			09/21/22 03:43	1
Xylenes, Total	ND		2.0		ug/L			09/21/22 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 123*		*09/21/22 03:43*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*09/21/22 03:43*	*1*
Dibromofluoromethane (Surr)	*105*		*78 - 120*		*09/21/22 03:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/21/22 03:43*	*1*

Client: GHD Services Inc.
Job ID: 570-109440-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Client Sample ID: COMPOSITE GW-091222-LP-EFF 1,2,3,4)
Lab Sample ID: 570-109440-9
Date Collected: 09/12/22 00:00
Matrix: Water
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/14/22 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*50 - 150*		*09/14/22 18:56*	*1*

Client: GHD Services Inc. Job ID: 570-109440-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup - Silica Gel Cleanup

Client Sample ID: GW-091222-LP-EFF **Lab Sample ID: 570-109440-1**
Date Collected: 09/12/22 11:00 **Matrix: Water**
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.097		mg/L		09/20/22 13:50	09/20/22 23:17	1
TPH as Motor Oil Range	ND		0.097		mg/L		09/20/22 13:50	09/20/22 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*50 - 150*	*09/20/22 13:50*	*09/20/22 23:17*	*1*

Client: GHD Services Inc.
Job ID: 570-109440-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

General Chemistry

Client Sample ID: COMPOSITE GW-091222-LP-EFF 5,6,7)
Lab Sample ID: 570-109440-10
Date Collected: 09/12/22 00:00
Matrix: Water
Date Received: 09/13/22 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		0.952		mg/L		09/16/22 09:44	09/16/22 09:44	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Job ID: 570-109440-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-109440-9	COMPOSITE GW-091222-LP-E	106	92	105	99
LCS 570-265892/4	Lab Control Sample	97	102	97	100
LCSD 570-265892/5	Lab Control Sample Dup	96	101	97	100
MB 570-265892/7	Method Blank	101	94	102	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-109440-9	COMPOSITE GW-091222-LP-E	76
570-109440-9 MS	COMPOSITE GW-091222-LP-EFF 1,2,3,4)	91
570-109440-9 MSD	COMPOSITE GW-091222-LP-EFF 1,2,3,4)	98
LCS 570-264042/3	Lab Control Sample	85
LCSD 570-264042/4	Lab Control Sample Dup	87
MB 570-264042/5	Method Blank	76

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Matrix: Water — **Prep Type: Silica Gel Cleanup**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-109440-1	GW-091222-LP-EFF	96
LCS 570-265756/2-A	Lab Control Sample	88
LCSD 570-265756/3-A	Lab Control Sample Dup	96
MB 570-265756/1-A	Method Blank	76

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 570-265892/7
Matrix: Water
Analysis Batch: 265892

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/20/22 21:59	1
Toluene	ND		1.0		ug/L			09/20/22 21:59	1
o-Xylene	ND		1.0		ug/L			09/20/22 21:59	1
m,p-Xylene	ND		2.0		ug/L			09/20/22 21:59	1
Ethylbenzene	ND		1.0		ug/L			09/20/22 21:59	1
Xylenes, Total	ND		2.0		ug/L			09/20/22 21:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 123*		*09/20/22 21:59*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/20/22 21:59*	*1*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*09/20/22 21:59*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/20/22 21:59*	*1*

Lab Sample ID: LCS 570-265892/4
Matrix: Water
Analysis Batch: 265892

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	19.22		ug/L		96	76 - 120		
Toluene			20.0	19.37		ug/L		97	76 - 120		
o-Xylene			20.0	20.34		ug/L		102	80 - 121		
m,p-Xylene			40.0	41.49		ug/L		104	74 - 122		
Ethylbenzene			20.0	19.88		ug/L		99	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 123*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-265892/5
Matrix: Water
Analysis Batch: 265892

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	20.10		ug/L		101	76 - 120	4	20
Toluene			20.0	20.05		ug/L		100	76 - 120	3	20
o-Xylene			20.0	21.29		ug/L		106	80 - 121	5	20
m,p-Xylene			40.0	43.71		ug/L		109	74 - 122	5	20
Ethylbenzene			20.0	20.98		ug/L		105	80 - 120	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 123*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 570-264042/5
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 264042

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/14/22 12:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*50 - 150*		*09/14/22 12:28*	*1*

Lab Sample ID: LCS 570-264042/3
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 264042

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)			1990	1739		ug/L		87	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*50 - 150*

Lab Sample ID: LCSD 570-264042/4
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 264042

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			1990	1742		ug/L		88	76 - 128	0	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*50 - 150*

Lab Sample ID: 570-109440-9 MS
Client Sample ID: COMPOSITE GW-091222-LP-EFF 1,2,3,4)
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 264042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)	ND		1990	2027		ug/L		102	69 - 132		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*50 - 150*

Lab Sample ID: 570-109440-9 MSD
Client Sample ID: COMPOSITE GW-091222-LP-EFF 1,2,3,4)
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 264042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	ND		1990	2006		ug/L		101	69 - 132	1	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*50 - 150*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Lab Sample ID: MB 570-265756/1-A
Matrix: Water
Analysis Batch: 265821

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 265756

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		09/20/22 13:49	09/20/22 19:08	1
TPH as Motor Oil Range	ND		0.10		mg/L		09/20/22 13:49	09/20/22 19:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*76*		*50 - 150*	*09/20/22 13:49*	*09/20/22 19:08*	*1*

Lab Sample ID: LCS 570-265756/2-A
Matrix: Water
Analysis Batch: 265821

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 265756

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			4.00	2.939		mg/L		73	68 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*88*		*50 - 150*

Lab Sample ID: LCSD 570-265756/3-A
Matrix: Water
Analysis Batch: 265821

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 265756

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			4.00	3.043		mg/L		76	68 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*96*		*50 - 150*

Method: 1664A - Oil and Grease

Lab Sample ID: MB 570-264731/1-A
Matrix: Water
Analysis Batch: 264905

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 264731

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		1.00		mg/L		09/16/22 09:44	09/16/22 09:44	1

Lab Sample ID: LCS 570-264731/2-A
Matrix: Water
Analysis Batch: 264905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 264731

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Oil & Grease			40.0	36.00		mg/L		90	78 - 114		

Lab Sample ID: LCSD 570-264731/3-A
Matrix: Water
Analysis Batch: 264905

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 264731

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Oil & Grease			40.0	37.00		mg/L		92	78 - 114	3	18

QC Association Summary

Client: GHD Services Inc.
Job ID: 570-109440-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

GC/MS VOA

Analysis Batch: 265892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109440-9	COMPOSITE GW-091222-LP-EFF 1,2,3,4)	Total/NA	Water	8260C	
MB 570-265892/7	Method Blank	Total/NA	Water	8260C	
LCS 570-265892/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 570-265892/5	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 264042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109440-9	COMPOSITE GW-091222-LP-EFF 1,2,3,4)	Total/NA	Water	NWTPH-Gx	
MB 570-264042/5	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-264042/3	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-264042/4	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
570-109440-9 MS	COMPOSITE GW-091222-LP-EFF 1,2,3,4)	Total/NA	Water	NWTPH-Gx	
570-109440-9 MSD	COMPOSITE GW-091222-LP-EFF 1,2,3,4)	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 265756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109440-1	GW-091222-LP-EFF	Silica Gel Cleanup	Water	3510C SGC	
MB 570-265756/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	
LCS 570-265756/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 570-265756/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 265821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109440-1	GW-091222-LP-EFF	Silica Gel Cleanup	Water	NWTPH-Dx	265756
MB 570-265756/1-A	Method Blank	Silica Gel Cleanup	Water	NWTPH-Dx	265756
LCS 570-265756/2-A	Lab Control Sample	Silica Gel Cleanup	Water	NWTPH-Dx	265756
LCSD 570-265756/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	NWTPH-Dx	265756

General Chemistry

Prep Batch: 264731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109440-10	COMPOSITE GW-091222-LP-EFF 5,6,7)	Total/NA	Water	1664A	
MB 570-264731/1-A	Method Blank	Total/NA	Water	1664A	
LCS 570-264731/2-A	Lab Control Sample	Total/NA	Water	1664A	
LCSD 570-264731/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	

Analysis Batch: 264905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-109440-10	COMPOSITE GW-091222-LP-EFF 5,6,7)	Total/NA	Water	1664A	264731
MB 570-264731/1-A	Method Blank	Total/NA	Water	1664A	264731
LCS 570-264731/2-A	Lab Control Sample	Total/NA	Water	1664A	264731
LCSD 570-264731/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	264731

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-109440-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-091222-LP-EFF — Lab Sample ID: 570-109440-1

Date Collected: 09/12/22 11:00 — **Matrix: Water**
Date Received: 09/13/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Silica Gel Cleanup	Prep	3510C SGC			258 mL	2.5 mL	265756	09/20/22 13:50	UFLU	EET CAL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	265821	09/20/22 23:17	N5Y3	EET CAL 4
	Instrument ID: GC48									

Client Sample ID: COMPOSITE GW-091222-LP-EFF 1,2,3,4) — Lab Sample ID: 570-109440-9

Date Collected: 09/12/22 00:00 — **Matrix: Water**
Date Received: 09/13/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	265892	09/21/22 03:43	N1A	EET CAL 4
	Instrument ID: GCMSXX									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	264042	09/14/22 18:56	P1R	EET CAL 4
	Instrument ID: GC53									

Client Sample ID: COMPOSITE GW-091222-LP-EFF 5,6,7) — Lab Sample ID: 570-109440-10

Date Collected: 09/12/22 00:00 — **Matrix: Water**
Date Received: 09/13/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1664A			1050 mL	1000 mL	264731	09/16/22 09:44	UWEZ	EET CAL 4
Total/NA	Analysis	1664A		1			264905	09/16/22 09:44	L6IE	EET CAL 4
	Instrument ID: GC22									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 570-109440-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-23
Washington	State	C916-18	10-12-22

Method Summary

Client: GHD Services Inc.
Job ID: 570-109440-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET CAL 4
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	EET CAL 4
NWTPH-Dx	Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup	NWTPH	EET CAL 4
1664A	Oil and Grease	40CFR136A	EET CAL 4
1664A	HEM and SGT-HEM (Aqueous)	1664A	EET CAL 4
3510C SGC	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Job ID: 570-109440-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-109440-1	GW-091222-LP-EFF	Water	09/12/22 11:00	09/13/22 09:45
570-109440-9	COMPOSITE GW-091222-LP-EFF 1,2,3,4)	Water	09/12/22 00:00	09/13/22 09:45
570-109440-10	COMPOSITE GW-091222-LP-EFF 5,6,7)	Water	09/12/22 00:00	09/13/22 09:45

109440

eurofins | Calscience

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE 09/12/22

PAGE 1 OF 1

LABORATORY CLIENT: GHD Services Inc

ADDRESS: 9725 3rd Avenue NE Ste 204

CITY: Seattle STATE: WA ZIP: 98115

TEL: ~~253-507-6217~~ 206-802-1595

E-MAIL: matthew.davis@ghd [illegible] Bierwagil com

CLIENT PROJECT NAME / NUMBER: P66 Renton Terminal AOC 5228 / ~~11226464~~ 1257287

P O NO: ~~1257287-2022-03~~ ~~11226464-2021-04~~

PROJECT CONTACT: ~~Eric Maise 425-563-3260~~ Matt Davis ~~253-507-6217~~ Luca P. 206-802-1595 Luca P. 507-951-5341

SAMPLER(S) (PRINT): Joe Lewandowski

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS

Laboratory composite EFF 1 2 3 4 samples for BTEX and TPHg
Laboratory composite EFF 5, 6, 7 samples for Oil & Grease

REQUESTED ANALYSES

Please check box or fill in blank as needed

570-109440 Chain of Custody

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	DRO/ORO (NWTPH-Dx)	GRO (NWTPH-Gx)	BTEX (8260)	Oil & Grease (1664)	
	~~GW - INF 1~~			~~GW~~			X		X	X	X	YP	09/12/2022
	~~GW - MID 1~~			~~GW~~			X		X	X	X	YP	09/12/2022
	GW - MID 2			GW			X		X	X	X	YP	09/12/2022
1	GW-091222 - YP - EFF	09/12/2022	1100	GW	2		X		X				
2	GW- - EFF 1		1100	GW	2		X			X	X		Lab composite
3	GW- - EFF 2		1115	GW	2		X			X	X		Lab composite
4	GW- - EFF 3		1130	GW	2		X			X	X		Lab composite
5	GW- - EFF 4		1145	GW	2		X			X	X		Lab composite
6	GW- - EFF 5		1100	GW	1		X					X	Lab composite
7	GW- - EFF 6		1115	GW	1		X					X	Lab composite
8	GW- - EFF 7		1130	GW	1		X					X	Lab composite

Relinquished by: (Signature) Luca Pisatello 09/12/22 1500	Received by: (Signature/Affiliation)	Date 9/13/22	Time 0945
Relinquished by: (Signature)	Received by (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by (Signature/Affiliation)	Date	Time

23/26 IRSC11

8/25/21 Revision

109440

570-109440 Waybill

ORIGIN ID:OTSA (503) 956-5391

CALSCIENCE ENVIRONMENTAL LAB
2841 DOW AVE STE 100

TUSTIN, CA 92780
UNITED STATES US

SHIP DATE: 12SEP22
ACTWGT: 47.55 LB
CAD: 6990555/SSF02322
DIMS: 24x14x14 IN

BILL THIRD PARTY

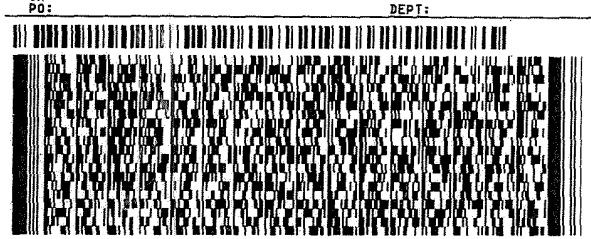
Part # 156209-434 RRD EXP 01/23

TO

CALSCIENCE ENVIRONMENTAL LAB
2841 DOW AVE STE 100

TUSTIN CA 92780

(503) 956-5391 REF:
INV:
PO: DEPT:



FedEx Express

1 of 2

TRK# 0201 2778 9232 7552

MASTER

92 DTHA

TUE - 13 SEP 10:30A
PRIORITY OVERNIGHT

92780
CA-US **SNA**

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-109440-1

Login Number: 109440
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix B

King County Self-Monitoring Reports

Industrial Waste Program Monthly Self-Monitoring Report

King County

Send to: King County Industrial Waste Program
201 S. Jackson Street, Suite 513
Seattle, WA 98104-3855
Phone 206-477-5300 / FAX 206-263-3001
Email: info.KCIW@kingcounty.gov

Company Name: Phillips 66 Company - Renton Terminal **Sample Site No.** A81491 **Permit/DA No.:** *7910-02*

Please Specify Month & Year: **Month:** July **2022**

This form is available at www.kingcounty.gov/industrialwaste

All units are mg/l unless otherwise noted.

Sample Date (circle)	Sample Type C (Composite) G (Grab) BC (batch)	pH	Benzene CAS 71-43-2	Ethylbenzene CAS 100-41-4	Toluene CAS 108-88-3	Total Xylenes CAS 1330-20-7	Non Polar Fats, Oils, and Grease (Avg. of 3 grabs)	Daily Flow (GPD) Industrial	Notes (indicate Batch Discharge where applicable)
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14	G	6.6	ND	ND	ND	ND	ND	6,050	
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

Monthly Min pH	6.6		& Date	7/14/22	Total Monthly Flow (gallons)	88,830	
Monthly Max pH		6.6	& Date	7/14/22	Maximum Daily Flow	8,410	& Date 7/1/22

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that all data requiring a laboratory analysis were analyzed by a Washington State Department of Ecology accredited laboratory for each parameter tested.

Eli Gurian — Signature of Principal Executive or Authorized Agent

8/15/2022 — Date

PLEASE CIRCLE ALL PERMIT VIOLATIONS

Due Date: **Monthly report is due by the 15th each month.**

Industrial Waste Program Monthly Self-Monitoring Report

King County

Send to: King County Industrial Waste Program
201 S. Jackson Street, Suite 513
Seattle, WA 98104-3855
Phone 206-477-5300 / FAX 206-263-3001
Email: info.KCIW@kingcounty.gov

Company Name: Phillips 66 Company - Renton Terminal **Sample Site No.** A81491 **Permit/DA No.:** *7910-02*

Please Specify Month & Year: **Month:** August **2022**

This form is available at www.kingcounty.gov/industrialwaste

All units are mg/l unless otherwise noted.

Sample Date (circle)	Sample Type C (Composite) G (Grab) BC (batch)	pH	Benzene CAS 71-43-2	Ethylbenzene CAS 100-41-4	Toluene CAS 108-88-3	Total Xylenes CAS 1330-20-7	Non Polar Fats, Oils, and Grease (Avg. of 3 grabs)	Daily Flow (GPD) Industrial	Notes (indicate Batch Discharge where applicable)
1									
2									
3									
4	G	6.8	ND	ND	ND	ND	ND	6,750	
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

Monthly Min pH	6.8		& Date	8/4/22	Total Monthly Flow (gallons)	191,860	
Monthly Max pH		6.8	& Date	8/4/22	Maximum Daily Flow	11,780	& Date 8/11/22

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that all data requiring a laboratory analysis were analyzed by a Washington State Department of Ecology accredited laboratory for each parameter tested.

Eli Gurian — Signature of Principal Executive or Authorized Agent

9/13/2022 — Date

PLEASE CIRCLE ALL PERMIT VIOLATIONS

Due Date: **Monthly report is due by the 15th each month.**

Industrial Waste Program Monthly Self-Monitoring Report

King County

Send to: King County Industrial Waste Program
201 S. Jackson Street, Suite 513
Seattle, WA 98104-3855
Phone 206-477-5300 / FAX 206-263-3001
Email: info.KCIW@kingcounty.gov

Company Name: Phillips 66 Company - Renton Terminal **Sample Site No.** A81491 **Permit/DA No.:** *7910-02*

Please Specify Month & Year: **Month:** September **2022**

This form is available at www.kingcounty.gov/industrialwaste

All units are mg/l unless otherwise noted.

Sample Date (circle)	Sample Type C (Composite) G (Grab) BC (batch)	pH	Benzene CAS 71-43-2	Ethylbenzene CAS 100-41-4	Toluene CAS 108-88-3	Total Xylenes CAS 1330-20-7	Non Polar Fats, Oils, and Grease (Avg. of 3 grabs)	Daily Flow (GPD) Industrial	Notes (indicate Batch Discharge where applicable)
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12	G	6.9	ND	ND	ND	ND	ND	2,810	
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

Monthly Min pH	6.9	& Date	9/12/22	Total Monthly Flow (gallons)	121,380	
Monthly Max pH	6.9	& Date	9/12/22	Maximum Daily Flow	7,350	& Date 9/27/22

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that all data requiring a laboratory analysis were analyzed by a Washington State Department of Ecology accredited laboratory for each parameter tested.

Signature of Principal Executive or Authorized Agent Date

PLEASE CIRCLE ALL PERMIT VIOLATIONS

Due Date: **Monthly report is due by the 15th each month.**

Appendix C

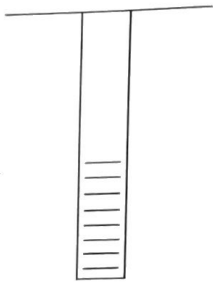
Groundwater Monitoring Field Data Sheets

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name: Renton
Ref. No.: MW-16

Date: 08/31/22
Personnel: LP



Monitoring Well Data:

Well No.: MW-16
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm) µS	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
1425		9.00									Start purge
1455		9.54		17.4	327.8	8.97	1.25	6.26	-36.1		
1500		9.56		17.4	329.3	8.72	1.23	6.26	-38.9		
1505		9.56		17.4	330.4	11.20	1.19	6.26	-46.3		

Sample ID: GW-083122-LP-MW-16

Sample Time: 1510 1510

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

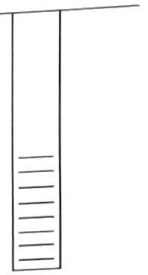
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:
Project Name: Renton
Ref. No.: MW-1

Date: 08/31/2022
Personnel: Luca Pisciotta



Monitoring Well Data:
Well No.:
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm) µS/cm	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
							1.62				Start purge
1025		9.85									
1045		11.89		18.6	758	16.5	~~1.52~~	6.24	-29.9		
1050		12.08		18.5	770	17.1	1.55	6.23	-59.5		
1053		12.35		18.9	800	18.5	1.58	6.23	-64.0		
1058		12.38		19.0	785	19.1	1.52	6.24	-70.5		End purge

Sample ID: GW-083122-LP-MW1
Sample Time: 1100

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

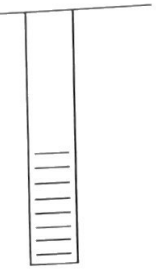
Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:
Project Name: Renton
Ref. No.: MW-2

Date: 08/31/22
Personnel: Luca Pastello

Monitoring Well Data:
Well No.: MW-2
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm) µS/cm	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		5 ft. of pump
1106		9.60		17.9	547	9.26	1.37	6.29	-59.1		
1120		9.65		17.8	548	11.5	1.30	6.28	-65.0		
1125		9.65		17.8	548	13.2	1.28	6.26	-73.2		
1130		9.65									

Sample ID: GW-083122-LP-MW2

Sample Time: 1135

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

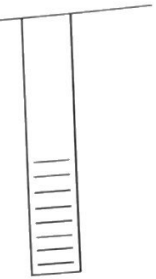
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:
Project Name: Renton
Ref. No.: MW-3

Date: 08/31/22
Personnel: LP



Monitoring Well Data:
Well No.: MW-3
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
1145		9.65		14.2	247.2	65	2.76	5.99	13.7		start purge
1200		10.92		14.2	249.6	61	2.65	5.95	17.0		
1205		11.25		14.0	248.0	53	2.39	5.92	17.5		
1210											

Sample ID: GW-083122-LP-MW-3

Sample Time: 1215

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

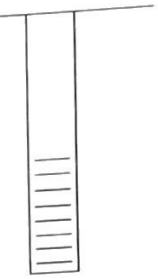
Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:
Project Name: Reata
Ref. No.: MW-4

Date: 08/31/22
Personnel: LP

Monitoring Well Data:
Well No.: MW-4
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm) μs	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		Start pump
1230		8.75		15.4	220.3	8.50	1.91	5.74	32.8		
1245		10.98		15.1	218.3	10.78	1.44	5.71	19.8		
1250		11.59		15.0	222.5	9.2	1.32	5.70	15.2		
1255		12.10		15.0	223.8	10.0	1.31	5.70	12.0		
1300		12.60									

Sample ID:

Sample Time: 1305

Sheen on water

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

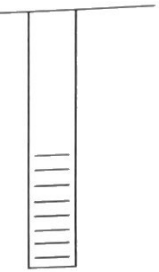
Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:
Project Name: Renton
Ref. No.: MW-6

Date: 08/31/22
Personnel: LP

Monitoring Well Data:
Well No.: MW-6
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm) D_s	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
1340		10.40									Start pump
1355		10.42		13.3	552	3.70	1.58	6.36	-20.7		
1400		10.42		13.3	550	4.51	1.51	6.34	-25.2		
1405		10.43		13.3	552	4.55	1.48	6.30	-35.0		

Sample ID: GW-083122-LP-MW-6

Sample Time: 1410

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

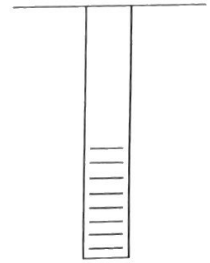
Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:
Project Name: Renton
Ref. No.: MW-13

Date: 08/31/22
Personnel: LP

Monitoring Well Data:
Well No.: MW-13
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
1430		9.20									Start purge
1445		11.36		19.1	199.3	28.3	1.39	6.21	1.6		
1450		11.70		19.4	204.7	4.67	1.30	6.16	-19.2		
1455		11.84		19.2	209.3	12.69	1.22	6.17	-27.9		

Sample ID: GW-083122-LP-MW-13

Sample Time: 1505

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0 01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

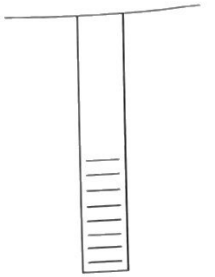
Project Name: Renton
Ref. No.: D1R

Date: 08/31/22
Personnel: Kluesbatrew L

Monitoring Well Data:

Well No.: D-1R
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		stab gauge
1600		9.54									
1620		10.04		18.1	615	0.92	3.03	7.00	51.7		
1625		10.03		16.7	618	1.73	1.35	6.51	-26.8		
1630		10.03		16.5	621	3.79	1.26	6.49	-53.5		
1635		10.03		16.5	625	4.35	1.22	6.48	-69.4		

Sample ID: GW-083122-LP-D-1R

Sample Time: 1640

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

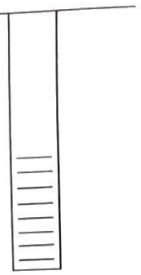
Project Name: Renton
Ref. No.: MW-10

Date: 09/01/22
Personnel: Kluesgather Lomlet

Monitoring Well Data:

Well No.: MW-10
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
0847		10.65									start purge
0905		12.03		15.4	1075	2.82	1.76	6.48	5.2		
0910		12.03		15.3	1044	30.48	1.33	6.35	-35.5		
0915		12.03		15.3	1002	104.98	1.26	6.32	-51.7		
0920		12.03		15.4	968	140.52	1.24	6.31	-56.6		

Sample ID: WA-12572873-090122-LP-MW10

Sample Time: 0930

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name: Ranton
Ref. No.: MW-12

Date: 09/01/2022
Personnel: LP

Monitoring Well Data:

Well No.: MW-12
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm) μS	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
1130		8.65									Start purge
1145		8.80		17.0	326.3	4.83	.66	6.12	-68.6		
1150		8.80		17.0	330.7	2.14	.63	6.10	-64.2		
1155		8.80		16.9	332.1	1.10	.60	6.09	-58.7		

Sample ID: GW-090122-LP-MW-12

Sample Time: 1200

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

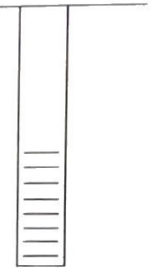
Project Name: Renton
Ref. No.: LAI-13

Date: 09/01/22
Personnel: Kleeshatow L.

Monitoring Well Data:

Well No.: LAI-13
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
1020		7.81									start purging
1035		8.43		18.4	517	9640	1.92	6.89	-56.5		
1040		8.90		17.5	511	39.43	1.28	6.86	-75.4		

Sample ID: WA-12572873-090122-LP-LAI13
Sample Time: 1204

Notes: recharge rate in this well is on and off. not constant (well drains up)

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

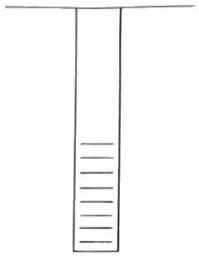
Project Name: Raptor
Ref. No.: MW-11

Date: 09/01/22
Personnel: LP

Monitoring Well Data:

Well No.: MW-11
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm) µS	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
1210		6.53				~~1.35~~					Start purge
1225		6.55		14.7	368.7	1.35	.94	5.98	-77.4		
1230		6.55		14.7	368.0	1.23	.91	5.99	-79.0		
1235		6.55		14.6	366.8	3.20	.90	6.01	-79.4		

Sample ID: GW-090122-LP-MW-11

Sample Time: 1240

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name: Renton
Ref. No.: LAI-14

Date: 09/01/22
Personnel: Kluckatow Loembet

Monitoring Well Data:

Well No.: LAI-14
Vapour PID (ppm): _____
Measurement Point: _____
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): _____
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)[1]: _____
Well Diameter, D (cm/in): _____
Well Screen Volume, V_s (L)[2]: _____
Initial Depth to Water (m/ft): _____

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
1100		8.02									start purge
1110		9.60									

Sample ID: WA-12572873-090122-LP-LAI14 Sample Time: 1242

Notes: well dried up unable to take parameters.

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name: Linton
Ref. No.: MW-15

Date: 09/01/22
Personnel: Kleesbattle Loewen

Monitoring Well Data:

Well No.: MW-15
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft):

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
1400		9.39									start purge
1410		10.19		19.4	387.5	3.29	1.55	6.91	-48.0		
1415		10.25		18.5	387.2	2.90	1.32	6.33	-49.5		
1420		10.30		18.6	388.9	3.39	1.26	6.26	-51.0		
1425		10.35		18.4	391.3	3.74	1.22	6.24	-52.8		

Sample ID: KIA-125728873-090122-LP-MW15

Sample Time: 1435

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Water Level R
(Form SP

Project Name: Renton
Job No.:
Client:

Location:
Date: 09/01/2022
Engineer/Geologist: Luca Piscitello

Observation Well	Top of Casing Elevation A (Depth to product)		Depth to Water B		Water Level Elevation (pump?) A-B	
	feet	~~metres~~ (thick)	feet	metres	feet	metres
DPE 26	9.30	1"	9.40		Yes	w/ skimmer
27			9.39		Yes	
28	—	—	8.85		No	
29	—	—	8.61		No	
30	—	—	11.05		No	
33	—	—	9.90		No	
34	—	—	~~10.45~~	7.72 ft	No	
37	—	—	8.85 ft		No	
38	—	—	~~10.45~~	6.90 ft	No	
42	—	—	9.20		No	
43	—	—	17.20		No	
45	—	—	9.72		Yes	
47	—	—	8.15		No	
55	—	—	10.08		Yes	
57	—	—	8.72		Yes	
~~56~~ 54	10.75	1"	10.55		Yes	
	20.05	2.05'	22.10		Yes	
MW-7	—	—	10.72		—	
MW-8	—	—	9.83		—	
B-4	—	—	8.43		—	
B-6	—	—	8.24		—	
DPE ~~26~~ 11	—	—	Dry	bottom	at	16.5'
DPE 13	—	—	12.30			
Rx 5	—	—	12.20			
GHD DPE 10	—	—	13.9'			

(well housing 4ft)

57, w/ vacuum

Appendix D

Groundwater Sampling Analytical Report

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-108590-1
Client Project/Site: P66 Renton Terminal AOC 5228 / 12572873

For:
GHD Services Inc.
9725 3rd Avenue NE, Suite 204
Seattle, Washington 98115

Attn: Fabio Minervini

Vik Patel

Authorized for release by:
9/14/2022 3:38:12 PM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 570-108590-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-108590-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-108590-1

Comments
No additional comments.

Receipt
The samples were received on 9/3/2022 11:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.4º C.

GC/MS VOA
Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: GW-090122-LP-MW-10 (570-108590-1) and GW-090122-LP-MW-11 (570-108590-4). Elevated reporting limits (RLs) are provided.

Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-262498.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C SGC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-263089 and 570-263089. 8015B_DRO. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc.
Job ID: 570-108590-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-090122-LP-MW-10 — Lab Sample ID: 570-108590-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1.6		1.0		ug/L	2		8260C	Total/NA
TPH as Diesel Range	0.11		0.097		mg/L	1		NWTPH-Dx	Silica Gel Cleanup

Client Sample ID: GW-090122-LP-MW-12 — Lab Sample ID: 570-108590-2

No Detections.

Client Sample ID: GW-090122-LP-LAI-13 — Lab Sample ID: 570-108590-3

No Detections.

Client Sample ID: GW-090122-LP-MW-11 — Lab Sample ID: 570-108590-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
TPH as Gasoline (C4-C13)	140		100		ug/L	1		NWTPH-Gx	Total/NA
TPH as Diesel Range	0.097		0.096		mg/L	1		NWTPH-Dx	Silica Gel Cleanup

Client Sample ID: GW-090122-LP-LAI-14 — Lab Sample ID: 570-108590-5

No Detections.

Client Sample ID: GW-090122-LP-MW-15 — Lab Sample ID: 570-108590-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	4.1		0.50		ug/L	1		8260C	Total/NA
TPH as Diesel Range	0.11		0.096		mg/L	1		NWTPH-Dx	Silica Gel Cleanup

Client Sample ID: GW-090122-LP-Trip Blank — Lab Sample ID: 570-108590-7

No Detections.

This Detection Summary does not include radiochemical test results.

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: GW-090122-LP-MW-10 **Lab Sample ID: 570-108590-1**
Date Collected: 09/01/22 09:30 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.6**		1.0		ug/L			09/08/22 18:19	2
Toluene	ND		2.0		ug/L			09/08/22 18:19	2
o-Xylene	ND		2.0		ug/L			09/08/22 18:19	2
m,p-Xylene	ND		4.0		ug/L			09/08/22 18:19	2
Ethylbenzene	ND		2.0		ug/L			09/08/22 18:19	2
Xylenes, Total	ND		4.0		ug/L			09/08/22 18:19	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 123*		*09/08/22 18:19*	*2*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*09/08/22 18:19*	*2*
Dibromofluoromethane (Surr)	*92*		*78 - 120*		*09/08/22 18:19*	*2*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/08/22 18:19*	*2*

Client Sample ID: GW-090122-LP-MW-12 **Lab Sample ID: 570-108590-2**
Date Collected: 09/01/22 12:00 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/08/22 18:42	1
Toluene	ND		1.0		ug/L			09/08/22 18:42	1
o-Xylene	ND		1.0		ug/L			09/08/22 18:42	1
m,p-Xylene	ND		2.0		ug/L			09/08/22 18:42	1
Ethylbenzene	ND		1.0		ug/L			09/08/22 18:42	1
Xylenes, Total	ND		2.0		ug/L			09/08/22 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 123*		*09/08/22 18:42*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*09/08/22 18:42*	*1*
Dibromofluoromethane (Surr)	*91*		*78 - 120*		*09/08/22 18:42*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/08/22 18:42*	*1*

Client Sample ID: GW-090122-LP-LAI-13 **Lab Sample ID: 570-108590-3**
Date Collected: 09/01/22 12:04 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/08/22 19:04	1
Toluene	ND		1.0		ug/L			09/08/22 19:04	1
o-Xylene	ND		1.0		ug/L			09/08/22 19:04	1
m,p-Xylene	ND		2.0		ug/L			09/08/22 19:04	1
Ethylbenzene	ND		1.0		ug/L			09/08/22 19:04	1
Xylenes, Total	ND		2.0		ug/L			09/08/22 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 123*		*09/08/22 19:04*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*09/08/22 19:04*	*1*
Dibromofluoromethane (Surr)	*91*		*78 - 120*		*09/08/22 19:04*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/08/22 19:04*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: GW-090122-LP-MW-11 **Lab Sample ID: 570-108590-4**
Date Collected: 09/01/22 12:40 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			09/08/22 19:26	2
Toluene	ND		2.0		ug/L			09/08/22 19:26	2
o-Xylene	ND		2.0		ug/L			09/08/22 19:26	2
m,p-Xylene	ND		4.0		ug/L			09/08/22 19:26	2
Ethylbenzene	ND		2.0		ug/L			09/08/22 19:26	2
Xylenes, Total	ND		4.0		ug/L			09/08/22 19:26	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 123*		*09/08/22 19:26*	*2*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*09/08/22 19:26*	*2*
Dibromofluoromethane (Surr)	*92*		*78 - 120*		*09/08/22 19:26*	*2*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/08/22 19:26*	*2*

Client Sample ID: GW-090122-LP-LAI-14 **Lab Sample ID: 570-108590-5**
Date Collected: 09/01/22 12:42 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/08/22 19:49	1
Toluene	ND		1.0		ug/L			09/08/22 19:49	1
o-Xylene	ND		1.0		ug/L			09/08/22 19:49	1
m,p-Xylene	ND		2.0		ug/L			09/08/22 19:49	1
Ethylbenzene	ND		1.0		ug/L			09/08/22 19:49	1
Xylenes, Total	ND		2.0		ug/L			09/08/22 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 123*		*09/08/22 19:49*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/08/22 19:49*	*1*
Dibromofluoromethane (Surr)	*94*		*78 - 120*		*09/08/22 19:49*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/08/22 19:49*	*1*

Client Sample ID: GW-090122-LP-MW-15 **Lab Sample ID: 570-108590-6**
Date Collected: 09/01/22 14:35 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**4.1**		0.50		ug/L			09/08/22 20:11	1
Toluene	ND		1.0		ug/L			09/08/22 20:11	1
o-Xylene	ND		1.0		ug/L			09/08/22 20:11	1
m,p-Xylene	ND		2.0		ug/L			09/08/22 20:11	1
Ethylbenzene	ND		1.0		ug/L			09/08/22 20:11	1
Xylenes, Total	ND		2.0		ug/L			09/08/22 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 123*		*09/08/22 20:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/08/22 20:11*	*1*
Dibromofluoromethane (Surr)	*92*		*78 - 120*		*09/08/22 20:11*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/08/22 20:11*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Client Sample ID: GW-090122-LP-MW-10 **Lab Sample ID: 570-108590-1**
Date Collected: 09/01/22 09:30 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*50 - 150*		*09/08/22 02:14*	*1*

Client Sample ID: GW-090122-LP-MW-12 **Lab Sample ID: 570-108590-2**
Date Collected: 09/01/22 12:00 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*50 - 150*		*09/08/22 02:38*	*1*

Client Sample ID: GW-090122-LP-LAI-13 **Lab Sample ID: 570-108590-3**
Date Collected: 09/01/22 12:04 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*50 - 150*		*09/08/22 01:02*	*1*

Client Sample ID: GW-090122-LP-MW-11 **Lab Sample ID: 570-108590-4**
Date Collected: 09/01/22 12:40 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	**140**		100		ug/L			09/08/22 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*50 - 150*		*09/08/22 03:02*	*1*

Client Sample ID: GW-090122-LP-LAI-14 **Lab Sample ID: 570-108590-5**
Date Collected: 09/01/22 12:42 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*50 - 150*		*09/08/22 03:26*	*1*

Client Sample ID: GW-090122-LP-MW-15 **Lab Sample ID: 570-108590-6**
Date Collected: 09/01/22 14:35 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*50 - 150*		*09/08/22 03:49*	*1*

Client: GHD Services Inc.
Job ID: 570-108590-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Client Sample ID: GW-090122-LP-Trip Blank
Lab Sample ID: 570-108590-7
Date Collected: 09/01/22 00:00
Matrix: Water
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 08:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*50 - 150*		*09/08/22 08:37*	*1*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup - Silica Gel Cleanup

Client Sample ID: GW-090122-LP-MW-10 **Lab Sample ID: 570-108590-1**
Date Collected: 09/01/22 09:30 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**0.11**		0.097		mg/L		09/09/22 17:44	09/13/22 23:15	1
TPH as Motor Oil Range	ND		0.097		mg/L		09/09/22 17:44	09/13/22 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*112*		*50 - 150*	*09/09/22 17:44*	*09/13/22 23:15*	*1*

Client Sample ID: GW-090122-LP-MW-12 **Lab Sample ID: 570-108590-2**
Date Collected: 09/01/22 12:00 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		09/09/22 17:44	09/13/22 23:36	1
TPH as Motor Oil Range	ND		0.10		mg/L		09/09/22 17:44	09/13/22 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*110*		*50 - 150*	*09/09/22 17:44*	*09/13/22 23:36*	*1*

Client Sample ID: GW-090122-LP-LAI-13 **Lab Sample ID: 570-108590-3**
Date Collected: 09/01/22 12:04 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.095		mg/L		09/09/22 17:44	09/13/22 23:57	1
TPH as Motor Oil Range	ND		0.095		mg/L		09/09/22 17:44	09/13/22 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*50 - 150*	*09/09/22 17:44*	*09/13/22 23:57*	*1*

Client Sample ID: GW-090122-LP-MW-11 **Lab Sample ID: 570-108590-4**
Date Collected: 09/01/22 12:40 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**0.097**		0.096		mg/L		09/09/22 17:44	09/14/22 00:18	1
TPH as Motor Oil Range	ND		0.096		mg/L		09/09/22 17:44	09/14/22 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*101*		*50 - 150*	*09/09/22 17:44*	*09/14/22 00:18*	*1*

Client Sample ID: GW-090122-LP-LAI-14 **Lab Sample ID: 570-108590-5**
Date Collected: 09/01/22 12:42 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.094		mg/L		09/09/22 17:44	09/14/22 00:39	1
TPH as Motor Oil Range	ND		0.094		mg/L		09/09/22 17:44	09/14/22 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*84*		*50 - 150*	*09/09/22 17:44*	*09/14/22 00:39*	*1*

Client Sample ID: GW-090122-LP-MW-15 **Lab Sample ID: 570-108590-6**
Date Collected: 09/01/22 14:35 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**0.11**		0.096		mg/L		09/09/22 17:44	09/14/22 01:00	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup - Silica Gel Cleanup (Continued)

Client Sample ID: GW-090122-LP-MW-15
Date Collected: 09/01/22 14:35
Date Received: 09/03/22 11:40

Lab Sample ID: 570-108590-6
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Motor Oil Range	ND		0.096		mg/L		09/09/22 17:44	09/14/22 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*50 - 150*	*09/09/22 17:44*	*09/14/22 01:00*	*1*

Surrogate Summary

Client: GHD Services Inc.
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Job ID: 570-108590-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-108590-1	GW-090122-LP-MW-10	90	92	92	98
570-108590-2	GW-090122-LP-MW-12	89	92	91	98
570-108590-3	GW-090122-LP-LAI-13	91	92	91	99
570-108590-4	GW-090122-LP-MW-11	90	93	92	100
570-108590-5	GW-090122-LP-LAI-14	91	94	94	99
570-108590-6	GW-090122-LP-MW-15	94	94	92	99
LCS 570-262498/7	Lab Control Sample	88	95	88	100
LCSD 570-262498/8	Lab Control Sample Dup	89	94	89	99
MB 570-262498/10	Method Blank	89	92	88	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-108590-1	GW-090122-LP-MW-10	80
570-108590-2	GW-090122-LP-MW-12	82
570-108590-3	GW-090122-LP-LAI-13	86
570-108590-3 MS	GW-090122-LP-LAI-13	103
570-108590-3 MSD	GW-090122-LP-LAI-13	94
570-108590-4	GW-090122-LP-MW-11	81
570-108590-5	GW-090122-LP-LAI-14	84
570-108590-6	GW-090122-LP-MW-15	95
570-108590-7	GW-090122-LP-Trip Blank	80
LCS 570-262417/30	Lab Control Sample	95
LCSD 570-262417/31	Lab Control Sample Dup	91
MB 570-262417/32	Method Blank	82

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Matrix: Water — **Prep Type: Silica Gel Cleanup**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-108590-1	GW-090122-LP-MW-10	112
570-108590-2	GW-090122-LP-MW-12	110
570-108590-3	GW-090122-LP-LAI-13	98
570-108590-4	GW-090122-LP-MW-11	101
570-108590-5	GW-090122-LP-LAI-14	84
570-108590-6	GW-090122-LP-MW-15	88
LCS 570-263089/2-A	Lab Control Sample	80

Surrogate Summary

Client: GHD Services Inc. Job ID: 570-108590-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup (Continued)

Matrix: Water **Prep Type: Silica Gel Cleanup**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
LCSD 570-263089/3-A	Lab Control Sample Dup	79
MB 570-263089/1-A	Method Blank	78

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 570-262498/10
Matrix: Water
Analysis Batch: 262498

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/08/22 12:43	1
Toluene	ND		1.0		ug/L			09/08/22 12:43	1
o-Xylene	ND		1.0		ug/L			09/08/22 12:43	1
m,p-Xylene	ND		2.0		ug/L			09/08/22 12:43	1
Ethylbenzene	ND		1.0		ug/L			09/08/22 12:43	1
Xylenes, Total	ND		2.0		ug/L			09/08/22 12:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 123*		*09/08/22 12:43*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*09/08/22 12:43*	*1*
Dibromofluoromethane (Surr)	*88*		*78 - 120*		*09/08/22 12:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/08/22 12:43*	*1*

Lab Sample ID: LCS 570-262498/7
Matrix: Water
Analysis Batch: 262498

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	20.49		ug/L		102	76 - 120		
Toluene			20.0	21.12		ug/L		106	76 - 120		
o-Xylene			20.0	21.49		ug/L		107	80 - 121		
m,p-Xylene			40.0	43.57		ug/L		109	74 - 122		
Ethylbenzene			20.0	22.11		ug/L		111	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 123*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*88*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-262498/8
Matrix: Water
Analysis Batch: 262498

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	20.30		ug/L		101	76 - 120	1	20
Toluene			20.0	20.64		ug/L		103	76 - 120	2	20
o-Xylene			20.0	20.95		ug/L		105	80 - 121	3	20
m,p-Xylene			40.0	42.16		ug/L		105	74 - 122	3	20
Ethylbenzene			20.0	21.23		ug/L		106	80 - 120	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 123*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 570-262417/32
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 262417

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 00:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*50 - 150*		*09/08/22 00:38*	*1*

Lab Sample ID: LCS 570-262417/30
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 262417

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)			1990	2001		ug/L		101	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*50 - 150*

Lab Sample ID: LCSD 570-262417/31
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 262417

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			1990	2058		ug/L		104	76 - 128	3	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*50 - 150*

Lab Sample ID: 570-108590-3 MS
Client Sample ID: GW-090122-LP-LAI-13
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 262417

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)	ND		1990	1994		ug/L		100	69 - 132		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*50 - 150*

Lab Sample ID: 570-108590-3 MSD
Client Sample ID: GW-090122-LP-LAI-13
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 262417

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	ND		1990	2047		ug/L		103	69 - 132	3	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*50 - 150*

QC Sample Results

Client: GHD Services Inc.
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Job ID: 570-108590-1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Lab Sample ID: MB 570-263089/1-A
Matrix: Water
Analysis Batch: 263921

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 263089

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		09/09/22 17:44	09/13/22 19:26	1
TPH as Motor Oil Range	ND		0.10		mg/L		09/09/22 17:44	09/13/22 19:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*78*		*50 - 150*	*09/09/22 17:44*	*09/13/22 19:26*	*1*

Lab Sample ID: LCS 570-263089/2-A
Matrix: Water
Analysis Batch: 263921

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 263089

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			4.00	3.891		mg/L		97	68 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*80*		*50 - 150*

Lab Sample ID: LCSD 570-263089/3-A
Matrix: Water
Analysis Batch: 263921

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 263089

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			4.00	3.891		mg/L		97	68 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*79*		*50 - 150*

QC Association Summary

Client: GHD Services Inc.
Job ID: 570-108590-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

GC/MS VOA

Analysis Batch: 262498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-108590-1	GW-090122-LP-MW-10	Total/NA	Water	8260C	
570-108590-2	GW-090122-LP-MW-12	Total/NA	Water	8260C	
570-108590-3	GW-090122-LP-LAI-13	Total/NA	Water	8260C	
570-108590-4	GW-090122-LP-MW-11	Total/NA	Water	8260C	
570-108590-5	GW-090122-LP-LAI-14	Total/NA	Water	8260C	
570-108590-6	GW-090122-LP-MW-15	Total/NA	Water	8260C	
MB 570-262498/10	Method Blank	Total/NA	Water	8260C	
LCS 570-262498/7	Lab Control Sample	Total/NA	Water	8260C	
LCSD 570-262498/8	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 262417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-108590-1	GW-090122-LP-MW-10	Total/NA	Water	NWTPH-Gx	
570-108590-2	GW-090122-LP-MW-12	Total/NA	Water	NWTPH-Gx	
570-108590-3	GW-090122-LP-LAI-13	Total/NA	Water	NWTPH-Gx	
570-108590-4	GW-090122-LP-MW-11	Total/NA	Water	NWTPH-Gx	
570-108590-5	GW-090122-LP-LAI-14	Total/NA	Water	NWTPH-Gx	
570-108590-6	GW-090122-LP-MW-15	Total/NA	Water	NWTPH-Gx	
570-108590-7	GW-090122-LP-Trip Blank	Total/NA	Water	NWTPH-Gx	
MB 570-262417/32	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-262417/30	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-262417/31	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
570-108590-3 MS	GW-090122-LP-LAI-13	Total/NA	Water	NWTPH-Gx	
570-108590-3 MSD	GW-090122-LP-LAI-13	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 263089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-108590-1	GW-090122-LP-MW-10	Silica Gel Cleanup	Water	3510C SGC	
570-108590-2	GW-090122-LP-MW-12	Silica Gel Cleanup	Water	3510C SGC	
570-108590-3	GW-090122-LP-LAI-13	Silica Gel Cleanup	Water	3510C SGC	
570-108590-4	GW-090122-LP-MW-11	Silica Gel Cleanup	Water	3510C SGC	
570-108590-5	GW-090122-LP-LAI-14	Silica Gel Cleanup	Water	3510C SGC	
570-108590-6	GW-090122-LP-MW-15	Silica Gel Cleanup	Water	3510C SGC	
MB 570-263089/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	
LCS 570-263089/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 570-263089/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 263921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-108590-1	GW-090122-LP-MW-10	Silica Gel Cleanup	Water	NWTPH-Dx	263089
570-108590-2	GW-090122-LP-MW-12	Silica Gel Cleanup	Water	NWTPH-Dx	263089
570-108590-3	GW-090122-LP-LAI-13	Silica Gel Cleanup	Water	NWTPH-Dx	263089
570-108590-4	GW-090122-LP-MW-11	Silica Gel Cleanup	Water	NWTPH-Dx	263089
570-108590-5	GW-090122-LP-LAI-14	Silica Gel Cleanup	Water	NWTPH-Dx	263089
570-108590-6	GW-090122-LP-MW-15	Silica Gel Cleanup	Water	NWTPH-Dx	263089
MB 570-263089/1-A	Method Blank	Silica Gel Cleanup	Water	NWTPH-Dx	263089
LCS 570-263089/2-A	Lab Control Sample	Silica Gel Cleanup	Water	NWTPH-Dx	263089
LCSD 570-263089/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	NWTPH-Dx	263089

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-108590-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-090122-LP-MW-10 — Lab Sample ID: 570-108590-1

Date Collected: 09/01/22 09:30 — **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	5 mL	5 mL	262498	09/08/22 18:19	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 02:14	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			257.1 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/13/22 23:15	N1A	EET CAL
	Instrument ID: GC48									

Client Sample ID: GW-090122-LP-MW-12 — Lab Sample ID: 570-108590-2

Date Collected: 09/01/22 12:00 — **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	262498	09/08/22 18:42	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 02:38	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			244.8 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/13/22 23:36	N1A	EET CAL
	Instrument ID: GC48									

Client Sample ID: GW-090122-LP-LAI-13 — Lab Sample ID: 570-108590-3

Date Collected: 09/01/22 12:04 — **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	262498	09/08/22 19:04	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 01:02	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			263.2 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/13/22 23:57	N1A	EET CAL
	Instrument ID: GC48									

Client Sample ID: GW-090122-LP-MW-11 — Lab Sample ID: 570-108590-4

Date Collected: 09/01/22 12:40 — **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	5 mL	5 mL	262498	09/08/22 19:26	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 03:02	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			260.5 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/14/22 00:18	N1A	EET CAL
	Instrument ID: GC48									

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-108590-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-090122-LP-LAI-14 Lab Sample ID: 570-108590-5

Date Collected: 09/01/22 12:42 **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	262498	09/08/22 19:49	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 03:26	A1W	EET CAL 4
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			264.8 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/14/22 00:39	N1A	EET CAL 4
	Instrument ID: GC48									

Client Sample ID: GW-090122-LP-MW-15 Lab Sample ID: 570-108590-6

Date Collected: 09/01/22 14:35 **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	262498	09/08/22 20:11	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 03:49	A1W	EET CAL 4
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			259.6 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL 4
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/14/22 01:00	N1A	EET CAL 4
	Instrument ID: GC48									

Client Sample ID: GW-090122-LP-Trip Blank Lab Sample ID: 570-108590-7

Date Collected: 09/01/22 00:00 **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 08:37	A1W	EET CAL 4
	Instrument ID: GC53									

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 570-108590-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-23
Washington	State	C916-18	10-12-22

Method Summary

Client: GHD Services Inc.
Job ID: 570-108590-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET CAL 4
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	EET CAL 4
NWTPH-Dx	Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup	NWTPH	EET CAL 4
3510C SGC	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Job ID: 570-108590-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-108590-1	GW-090122-LP-MW-10	Water	09/01/22 09:30	09/03/22 11:40
570-108590-2	GW-090122-LP-MW-12	Water	09/01/22 12:00	09/03/22 11:40
570-108590-3	GW-090122-LP-LAI-13	Water	09/01/22 12:04	09/03/22 11:40
570-108590-4	GW-090122-LP-MW-11	Water	09/01/22 12:40	09/03/22 11:40
570-108590-5	GW-090122-LP-LAI-14	Water	09/01/22 12:42	09/03/22 11:40
570-108590-6	GW-090122-LP-MW-15	Water	09/01/22 14:35	09/03/22 11:40
570-108590-7	GW-090122-LP-Trip Blank	Water	09/01/22 00:00	09/03/22 11:40

Eurofins Calscience Irvine
2841 Dow Ave Suite 100
Tustin CA 92780
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

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108590

Client Information	Sampler: Luca Pisciotta	Lab PM.	Carrier Tracking No(s)	COC No.
Client Contact: Rosemary Bier	Phone: 206-802-1595	E-Mail:		Page: 1 of 1
Company: GHD				Job #:
Address: 9725 3rd Ave NE	Due Date Requested.			
City: Seattle	TAT Requested (days)			
State Zip: WA, 98115	Standard			
Phone: 206-802-1595	PO #: 340-007419			
Email: Rosemary.Bier@ghd.com	WO #:			
Project Name: Renton	Project #: 12572873			
Site: 12572873	SSOW#: 12572873-2022-04			

Analysis Requested

Preservation Codes

A - HCL	M Hexane
B - NaOH	N None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P Na2O4S
E - NaHSO4	Q Na2SO3
F MeOH	R Na2S2O3
G - Amchlor	S H2SO4
H Ascorbic Acid	T - TSP Dodecahydrate
I Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W pH 4-5
L EDA	Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	NWTPH-Gx as gasoline	BTEX method 8260C	NWTPH-Dx as Diesel	Total Number of containers	Special Instructions/Note:
Preservation Code:											
GW-090122-LP-MW-10	09/01/22	0930	G	W			X	X	X		
MW-12		1200					X	X	X		
LAI-13		1204					X	X	X		
MW-11		1240					X	X	X		
LAI-14		1242					X	X	X		
MW-15		1435					X	X	X		
Trip Blank							X				

570-108590 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time.	Company
Luca Pisciotta	09/02/22	GHD	fedex		
Re'inquished by: fedex	Date/Time:	Company	Received by: Ted Smith	Date/Time: 9/3/22 1140	Company EC
Relinquished by:	Date/Time.	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 1.9/1.9 5.2

Ver: 01/16/2019

ORIGIN ID:UQEA (503) 956-5391
CALSCIENCE ENVIRONMENTAL LAB
2841 DOW AVE STE 100
TUSTIN, CA 92780
UNITED STATES US

SHIP DATE: 02SEP22
ACTWGT: 38.10 LB
CAD: 6990437/SSFO2322
DIMS: 25x14x14 IN

BILL THIRD PARTY

Part # 156297-435 RRDB2 EXP 06/23

TO

CALSCIENCE ENVIRONMENTAL LAB
2841 DOW AVE STE 100

TUSTIN CA 92780

(503) 956-5391 REF:
INV:
PO: DEPT:

FedEx Express

1 of 2

TRK# 0201 **2775 2784 9683**

MASTER

WO DTHA

SATURDAY 12:00P
PRIORITY OVERNIGHT
AHS
92780
CA-US **SNA**

570-108590 Waybill

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-108590-1

Login Number: 108590
List Number: 1
Creator: Lizotte, Lex

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-108591-1
Client Project/Site: P66 Renton Terminal AOC 5228 / 12572873

For:
GHD Services Inc.
9725 3rd Avenue NE, Suite 204
Seattle, Washington 98115

Attn: Fabio Minervini

Vik Patel

Authorized for release by:
9/14/2022 3:48:05 PM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 570-108591-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-108591-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-108591-1

Comments
No additional comments.

Receipt
The samples were received on 9/3/2022 11:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3º C.

GC/MS VOA
Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: GW-083122-LP-MW-1 (570-108591-1), GW-083122-LP-MW-2 (570-108591-2) and GW-083122-LP-MW-6 (570-108591-5). Elevated reporting limits (RLs) are provided.

Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-262498.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C SGC: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-263089. 8015B_DRO. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GHD Services Inc.
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Job ID: 570-108591-1

Client Sample ID: GW-083122-LP-MW-1 — Lab Sample ID: 570-108591-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Toluene	2.9		2.0		ug/L	2		8260C	Total/NA
TPH as Diesel Range	0.12		0.098		mg/L	1		NWTPH-Dx	Silica Gel Cleanup
TPH as Motor Oil Range	0.19		0.098		mg/L	1		NWTPH-Dx	Silica Gel Cleanup

Client Sample ID: GW-083122-LP-MW-2 — Lab Sample ID: 570-108591-2

No Detections.

Client Sample ID: GW-083122-LP-MW-3 — Lab Sample ID: 570-108591-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
TPH as Diesel Range	0.12		0.096		mg/L	1		NWTPH-Dx	Silica Gel Cleanup
TPH as Motor Oil Range	0.11		0.096		mg/L	1		NWTPH-Dx	Silica Gel Cleanup

Client Sample ID: GW-083122-LP-MW-4 — Lab Sample ID: 570-108591-4

No Detections.

Client Sample ID: GW-083122-LP-MW-6 — Lab Sample ID: 570-108591-5

No Detections.

Client Sample ID: GW-083122-LP-MW-13 — Lab Sample ID: 570-108591-6

No Detections.

Client Sample ID: GW-083122-LP-D-R — Lab Sample ID: 570-108591-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
TPH as Gasoline (C4-C13)	400		100		ug/L	1		NWTPH-Gx	Total/NA
TPH as Diesel Range	0.23		0.094		mg/L	1		NWTPH-Dx	Silica Gel Cleanup

Client Sample ID: GW-083122-LP-MW-16 — Lab Sample ID: 570-108591-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
TPH as Diesel Range	0.094		0.094		mg/L	1		NWTPH-Dx	Silica Gel Cleanup

This Detection Summary does not include radiochemical test results.

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: GW-083122-LP-MW-1 **Lab Sample ID: 570-108591-1**
Date Collected: 08/31/22 11:00 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			09/08/22 15:20	2
Toluene	**2.9**		2.0		ug/L			09/08/22 15:20	2
o-Xylene	ND		2.0		ug/L			09/08/22 15:20	2
m,p-Xylene	ND		4.0		ug/L			09/08/22 15:20	2
Ethylbenzene	ND		2.0		ug/L			09/08/22 15:20	2
Xylenes, Total	ND		4.0		ug/L			09/08/22 15:20	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 123*		*09/08/22 15:20*	*2*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*09/08/22 15:20*	*2*
Dibromofluoromethane (Surr)	*92*		*78 - 120*		*09/08/22 15:20*	*2*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/08/22 15:20*	*2*

Client Sample ID: GW-083122-LP-MW-2 **Lab Sample ID: 570-108591-2**
Date Collected: 08/31/22 11:35 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			09/08/22 15:42	2
Toluene	ND		2.0		ug/L			09/08/22 15:42	2
o-Xylene	ND		2.0		ug/L			09/08/22 15:42	2
m,p-Xylene	ND		4.0		ug/L			09/08/22 15:42	2
Ethylbenzene	ND		2.0		ug/L			09/08/22 15:42	2
Xylenes, Total	ND		4.0		ug/L			09/08/22 15:42	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 123*		*09/08/22 15:42*	*2*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/08/22 15:42*	*2*
Dibromofluoromethane (Surr)	*92*		*78 - 120*		*09/08/22 15:42*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/08/22 15:42*	*2*

Client Sample ID: GW-083122-LP-MW-3 **Lab Sample ID: 570-108591-3**
Date Collected: 08/31/22 12:15 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/08/22 16:05	1
Toluene	ND		1.0		ug/L			09/08/22 16:05	1
o-Xylene	ND		1.0		ug/L			09/08/22 16:05	1
m,p-Xylene	ND		2.0		ug/L			09/08/22 16:05	1
Ethylbenzene	ND		1.0		ug/L			09/08/22 16:05	1
Xylenes, Total	ND		2.0		ug/L			09/08/22 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 123*		*09/08/22 16:05*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*09/08/22 16:05*	*1*
Dibromofluoromethane (Surr)	*91*		*78 - 120*		*09/08/22 16:05*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/08/22 16:05*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: GW-083122-LP-MW-4 **Lab Sample ID: 570-108591-4**
Date Collected: 08/31/22 13:05 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/08/22 16:27	1
Toluene	ND		1.0		ug/L			09/08/22 16:27	1
o-Xylene	ND		1.0		ug/L			09/08/22 16:27	1
m,p-Xylene	ND		2.0		ug/L			09/08/22 16:27	1
Ethylbenzene	ND		1.0		ug/L			09/08/22 16:27	1
Xylenes, Total	ND		2.0		ug/L			09/08/22 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 123*		*09/08/22 16:27*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/08/22 16:27*	*1*
Dibromofluoromethane (Surr)	*92*		*78 - 120*		*09/08/22 16:27*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/08/22 16:27*	*1*

Client Sample ID: GW-083122-LP-MW-6 **Lab Sample ID: 570-108591-5**
Date Collected: 08/31/22 14:10 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			09/08/22 16:49	4
Toluene	ND		4.0		ug/L			09/08/22 16:49	4
o-Xylene	ND		4.0		ug/L			09/08/22 16:49	4
m,p-Xylene	ND		8.0		ug/L			09/08/22 16:49	4
Ethylbenzene	ND		4.0		ug/L			09/08/22 16:49	4
Xylenes, Total	ND		8.0		ug/L			09/08/22 16:49	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 123*		*09/08/22 16:49*	*4*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*09/08/22 16:49*	*4*
Dibromofluoromethane (Surr)	*93*		*78 - 120*		*09/08/22 16:49*	*4*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/08/22 16:49*	*4*

Client Sample ID: GW-083122-LP-MW-13 **Lab Sample ID: 570-108591-6**
Date Collected: 08/31/22 15:05 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/08/22 17:12	1
Toluene	ND		1.0		ug/L			09/08/22 17:12	1
o-Xylene	ND		1.0		ug/L			09/08/22 17:12	1
m,p-Xylene	ND		2.0		ug/L			09/08/22 17:12	1
Ethylbenzene	ND		1.0		ug/L			09/08/22 17:12	1
Xylenes, Total	ND		2.0		ug/L			09/08/22 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 123*		*09/08/22 17:12*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*09/08/22 17:12*	*1*
Dibromofluoromethane (Surr)	*95*		*78 - 120*		*09/08/22 17:12*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/08/22 17:12*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: GW-083122-LP-D-R **Lab Sample ID: 570-108591-7**
Date Collected: 08/31/22 16:40 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/08/22 17:34	1
Toluene	ND		1.0		ug/L			09/08/22 17:34	1
o-Xylene	ND		1.0		ug/L			09/08/22 17:34	1
m,p-Xylene	ND		2.0		ug/L			09/08/22 17:34	1
Ethylbenzene	ND		1.0		ug/L			09/08/22 17:34	1
Xylenes, Total	ND		2.0		ug/L			09/08/22 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 123*		*09/08/22 17:34*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/08/22 17:34*	*1*
Dibromofluoromethane (Surr)	*94*		*78 - 120*		*09/08/22 17:34*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/08/22 17:34*	*1*

Client Sample ID: GW-083122-LP-MW-16 **Lab Sample ID: 570-108591-8**
Date Collected: 08/31/22 15:10 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/08/22 17:57	1
Toluene	ND		1.0		ug/L			09/08/22 17:57	1
o-Xylene	ND		1.0		ug/L			09/08/22 17:57	1
m,p-Xylene	ND		2.0		ug/L			09/08/22 17:57	1
Ethylbenzene	ND		1.0		ug/L			09/08/22 17:57	1
Xylenes, Total	ND		2.0		ug/L			09/08/22 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 123*		*09/08/22 17:57*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/08/22 17:57*	*1*
Dibromofluoromethane (Surr)	*91*		*78 - 120*		*09/08/22 17:57*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/08/22 17:57*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Client Sample ID: GW-083122-LP-MW-1 **Lab Sample ID: 570-108591-1**
Date Collected: 08/31/22 11:00 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*50 - 150*		*09/08/22 04:13*	*1*

Client Sample ID: GW-083122-LP-MW-2 **Lab Sample ID: 570-108591-2**
Date Collected: 08/31/22 11:35 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*50 - 150*		*09/08/22 05:25*	*1*

Client Sample ID: GW-083122-LP-MW-3 **Lab Sample ID: 570-108591-3**
Date Collected: 08/31/22 12:15 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*50 - 150*		*09/08/22 05:49*	*1*

Client Sample ID: GW-083122-LP-MW-4 **Lab Sample ID: 570-108591-4**
Date Collected: 08/31/22 13:05 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*50 - 150*		*09/08/22 06:13*	*1*

Client Sample ID: GW-083122-LP-MW-6 **Lab Sample ID: 570-108591-5**
Date Collected: 08/31/22 14:10 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 06:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*50 - 150*		*09/08/22 06:37*	*1*

Client Sample ID: GW-083122-LP-MW-13 **Lab Sample ID: 570-108591-6**
Date Collected: 08/31/22 15:05 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*50 - 150*		*09/08/22 07:01*	*1*

Client: GHD Services Inc.
Job ID: 570-108591-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Client Sample ID: GW-083122-LP-D-R
Lab Sample ID: 570-108591-7
Date Collected: 08/31/22 16:40
Matrix: Water
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	**400**		100		ug/L			09/08/22 07:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*50 - 150*		*09/08/22 07:25*	*1*

Client Sample ID: GW-083122-LP-MW-16
Lab Sample ID: 570-108591-8
Date Collected: 08/31/22 15:10
Matrix: Water
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 07:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*50 - 150*		*09/08/22 07:49*	*1*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup - Silica Gel Cleanup

Client Sample ID: GW-083122-LP-MW-1 — **Lab Sample ID: 570-108591-1**
Date Collected: 08/31/22 11:00 — **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**0.12**		0.098		mg/L		09/09/22 17:44	09/13/22 20:28	1
TPH as Motor Oil Range	**0.19**		0.098		mg/L		09/09/22 17:44	09/13/22 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*50 - 150*	*09/09/22 17:44*	*09/13/22 20:28*	*1*

Client Sample ID: GW-083122-LP-MW-2 — **Lab Sample ID: 570-108591-2**
Date Collected: 08/31/22 11:35 — **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.098		mg/L		09/09/22 17:44	09/13/22 20:49	1
TPH as Motor Oil Range	ND		0.098		mg/L		09/09/22 17:44	09/13/22 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*50 - 150*	*09/09/22 17:44*	*09/13/22 20:49*	*1*

Client Sample ID: GW-083122-LP-MW-3 — **Lab Sample ID: 570-108591-3**
Date Collected: 08/31/22 12:15 — **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**0.12**		0.096		mg/L		09/09/22 17:44	09/13/22 21:10	1
TPH as Motor Oil Range	**0.11**		0.096		mg/L		09/09/22 17:44	09/13/22 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*50 - 150*	*09/09/22 17:44*	*09/13/22 21:10*	*1*

Client Sample ID: GW-083122-LP-MW-4 — **Lab Sample ID: 570-108591-4**
Date Collected: 08/31/22 13:05 — **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.099		mg/L		09/09/22 17:44	09/13/22 21:31	1
TPH as Motor Oil Range	ND		0.099		mg/L		09/09/22 17:44	09/13/22 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*50 - 150*	*09/09/22 17:44*	*09/13/22 21:31*	*1*

Client Sample ID: GW-083122-LP-MW-6 — **Lab Sample ID: 570-108591-5**
Date Collected: 08/31/22 14:10 — **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.096		mg/L		09/09/22 17:44	09/13/22 21:52	1
TPH as Motor Oil Range	ND		0.096		mg/L		09/09/22 17:44	09/13/22 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*50 - 150*	*09/09/22 17:44*	*09/13/22 21:52*	*1*

Client Sample ID: GW-083122-LP-MW-13 — **Lab Sample ID: 570-108591-6**
Date Collected: 08/31/22 15:05 — **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.094		mg/L		09/09/22 17:44	09/13/22 22:13	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup - Silica Gel Cleanup (Continued)

Client Sample ID: GW-083122-LP-MW-13 **Lab Sample ID: 570-108591-6**
Date Collected: 08/31/22 15:05 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Motor Oil Range	ND		0.094		mg/L		09/09/22 17:44	09/13/22 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*50 - 150*	*09/09/22 17:44*	*09/13/22 22:13*	*1*

Client Sample ID: GW-083122-LP-D-R **Lab Sample ID: 570-108591-7**
Date Collected: 08/31/22 16:40 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**0.23**		0.094		mg/L		09/09/22 17:44	09/13/22 22:33	1
TPH as Motor Oil Range	ND		0.094		mg/L		09/09/22 17:44	09/13/22 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*50 - 150*	*09/09/22 17:44*	*09/13/22 22:33*	*1*

Client Sample ID: GW-083122-LP-MW-16 **Lab Sample ID: 570-108591-8**
Date Collected: 08/31/22 15:10 **Matrix: Water**
Date Received: 09/03/22 11:40

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**0.094**		0.094		mg/L		09/09/22 17:44	09/13/22 22:54	1
TPH as Motor Oil Range	ND		0.094		mg/L		09/09/22 17:44	09/13/22 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*99*		*50 - 150*	*09/09/22 17:44*	*09/13/22 22:54*	*1*

Surrogate Summary

Client: GHD Services Inc.
Job ID: 570-108591-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-108591-1	GW-083122-LP-MW-1	91	93	92	100
570-108591-2	GW-083122-LP-MW-2	90	94	92	99
570-108591-3	GW-083122-LP-MW-3	88	92	91	100
570-108591-4	GW-083122-LP-MW-4	88	94	92	98
570-108591-5	GW-083122-LP-MW-6	92	93	93	99
570-108591-6	GW-083122-LP-MW-13	90	91	95	100
570-108591-7	GW-083122-LP-D-R	93	94	94	99
570-108591-8	GW-083122-LP-MW-16	92	94	91	99
LCS 570-262498/7	Lab Control Sample	88	95	88	100
LCSD 570-262498/8	Lab Control Sample Dup	89	94	89	99
MB 570-262498/10	Method Blank	89	92	88	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-108591-1	GW-083122-LP-MW-1	87
570-108591-2	GW-083122-LP-MW-2	74
570-108591-3	GW-083122-LP-MW-3	81
570-108591-4	GW-083122-LP-MW-4	82
570-108591-5	GW-083122-LP-MW-6	79
570-108591-6	GW-083122-LP-MW-13	77
570-108591-7	GW-083122-LP-D-R	100
570-108591-8	GW-083122-LP-MW-16	79
LCS 570-262417/30	Lab Control Sample	95
LCSD 570-262417/31	Lab Control Sample Dup	91
MB 570-262417/32	Method Blank	82

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Matrix: Water **Prep Type: Silica Gel Cleanup**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-108591-1	GW-083122-LP-MW-1	97
570-108591-2	GW-083122-LP-MW-2	96
570-108591-3	GW-083122-LP-MW-3	96
570-108591-4	GW-083122-LP-MW-4	89
570-108591-5	GW-083122-LP-MW-6	95
570-108591-6	GW-083122-LP-MW-13	95

Surrogate Summary

Client: GHD Services Inc. Job ID: 570-108591-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup (Continued)

Matrix: Water **Prep Type: Silica Gel Cleanup**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN (50-150)
570-108591-7	GW-083122-LP-D-R	88
570-108591-8	GW-083122-LP-MW-16	99
LCS 570-263089/2-A	Lab Control Sample	80
LCSD 570-263089/3-A	Lab Control Sample Dup	79
MB 570-263089/1-A	Method Blank	78

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 570-262498/10
Matrix: Water
Analysis Batch: 262498

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/08/22 12:43	1
Toluene	ND		1.0		ug/L			09/08/22 12:43	1
o-Xylene	ND		1.0		ug/L			09/08/22 12:43	1
m,p-Xylene	ND		2.0		ug/L			09/08/22 12:43	1
Ethylbenzene	ND		1.0		ug/L			09/08/22 12:43	1
Xylenes, Total	ND		2.0		ug/L			09/08/22 12:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 123*		*09/08/22 12:43*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*09/08/22 12:43*	*1*
Dibromofluoromethane (Surr)	*88*		*78 - 120*		*09/08/22 12:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/08/22 12:43*	*1*

Lab Sample ID: LCS 570-262498/7
Matrix: Water
Analysis Batch: 262498

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	20.49		ug/L		102	76 - 120		
Toluene			20.0	21.12		ug/L		106	76 - 120		
o-Xylene			20.0	21.49		ug/L		107	80 - 121		
m,p-Xylene			40.0	43.57		ug/L		109	74 - 122		
Ethylbenzene			20.0	22.11		ug/L		111	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 123*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*88*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-262498/8
Matrix: Water
Analysis Batch: 262498

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	20.30		ug/L		101	76 - 120	1	20
Toluene			20.0	20.64		ug/L		103	76 - 120	2	20
o-Xylene			20.0	20.95		ug/L		105	80 - 121	3	20
m,p-Xylene			40.0	42.16		ug/L		105	74 - 122	3	20
Ethylbenzene			20.0	21.23		ug/L		106	80 - 120	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 123*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 570-262417/32
Matrix: Water
Analysis Batch: 262417

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/08/22 00:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*50 - 150*		*09/08/22 00:38*	*1*

Lab Sample ID: LCS 570-262417/30
Matrix: Water
Analysis Batch: 262417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline (C4-C13)			1990	2001		ug/L		101	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*50 - 150*

Lab Sample ID: LCSD 570-262417/31
Matrix: Water
Analysis Batch: 262417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			1990	2058		ug/L		104	76 - 128	3	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*50 - 150*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Lab Sample ID: MB 570-263089/1-A
Matrix: Water
Analysis Batch: 263921

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 263089

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		09/09/22 17:44	09/13/22 19:26	1
TPH as Motor Oil Range	ND		0.10		mg/L		09/09/22 17:44	09/13/22 19:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*78*		*50 - 150*	*09/09/22 17:44*	*09/13/22 19:26*	*1*

Lab Sample ID: LCS 570-263089/2-A
Matrix: Water
Analysis Batch: 263921

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 263089

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			4.00	3.891		mg/L		97	68 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*80*		*50 - 150*

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup (Continued)

Lab Sample ID: LCSD 570-263089/3-A
Matrix: Water
Analysis Batch: 263921

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 263089

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			4.00	3.891		mg/L		97	68 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*79*		*50 - 150*

QC Association Summary

Client: GHD Services Inc.
Job ID: 570-108591-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

GC/MS VOA

Analysis Batch: 262498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-108591-1	GW-083122-LP-MW-1	Total/NA	Water	8260C	
570-108591-2	GW-083122-LP-MW-2	Total/NA	Water	8260C	
570-108591-3	GW-083122-LP-MW-3	Total/NA	Water	8260C	
570-108591-4	GW-083122-LP-MW-4	Total/NA	Water	8260C	
570-108591-5	GW-083122-LP-MW-6	Total/NA	Water	8260C	
570-108591-6	GW-083122-LP-MW-13	Total/NA	Water	8260C	
570-108591-7	GW-083122-LP-D-R	Total/NA	Water	8260C	
570-108591-8	GW-083122-LP-MW-16	Total/NA	Water	8260C	
MB 570-262498/10	Method Blank	Total/NA	Water	8260C	
LCS 570-262498/7	Lab Control Sample	Total/NA	Water	8260C	
LCSD 570-262498/8	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 262417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-108591-1	GW-083122-LP-MW-1	Total/NA	Water	NWTPH-Gx	
570-108591-2	GW-083122-LP-MW-2	Total/NA	Water	NWTPH-Gx	
570-108591-3	GW-083122-LP-MW-3	Total/NA	Water	NWTPH-Gx	
570-108591-4	GW-083122-LP-MW-4	Total/NA	Water	NWTPH-Gx	
570-108591-5	GW-083122-LP-MW-6	Total/NA	Water	NWTPH-Gx	
570-108591-6	GW-083122-LP-MW-13	Total/NA	Water	NWTPH-Gx	
570-108591-7	GW-083122-LP-D-R	Total/NA	Water	NWTPH-Gx	
570-108591-8	GW-083122-LP-MW-16	Total/NA	Water	NWTPH-Gx	
MB 570-262417/32	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-262417/30	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-262417/31	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 263089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-108591-1	GW-083122-LP-MW-1	Silica Gel Cleanup	Water	3510C SGC	
570-108591-2	GW-083122-LP-MW-2	Silica Gel Cleanup	Water	3510C SGC	
570-108591-3	GW-083122-LP-MW-3	Silica Gel Cleanup	Water	3510C SGC	
570-108591-4	GW-083122-LP-MW-4	Silica Gel Cleanup	Water	3510C SGC	
570-108591-5	GW-083122-LP-MW-6	Silica Gel Cleanup	Water	3510C SGC	
570-108591-6	GW-083122-LP-MW-13	Silica Gel Cleanup	Water	3510C SGC	
570-108591-7	GW-083122-LP-D-R	Silica Gel Cleanup	Water	3510C SGC	
570-108591-8	GW-083122-LP-MW-16	Silica Gel Cleanup	Water	3510C SGC	
MB 570-263089/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	
LCS 570-263089/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 570-263089/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 263921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-108591-1	GW-083122-LP-MW-1	Silica Gel Cleanup	Water	NWTPH-Dx	263089
570-108591-2	GW-083122-LP-MW-2	Silica Gel Cleanup	Water	NWTPH-Dx	263089
570-108591-3	GW-083122-LP-MW-3	Silica Gel Cleanup	Water	NWTPH-Dx	263089
570-108591-4	GW-083122-LP-MW-4	Silica Gel Cleanup	Water	NWTPH-Dx	263089
570-108591-5	GW-083122-LP-MW-6	Silica Gel Cleanup	Water	NWTPH-Dx	263089
570-108591-6	GW-083122-LP-MW-13	Silica Gel Cleanup	Water	NWTPH-Dx	263089

GC Semi VOA (Continued)

Analysis Batch: 263921 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-108591-7	GW-083122-LP-D-R	Silica Gel Cleanup	Water	NWTPH-Dx	263089
570-108591-8	GW-083122-LP-MW-16	Silica Gel Cleanup	Water	NWTPH-Dx	263089
MB 570-263089/1-A	Method Blank	Silica Gel Cleanup	Water	NWTPH-Dx	263089
LCS 570-263089/2-A	Lab Control Sample	Silica Gel Cleanup	Water	NWTPH-Dx	263089
LCSD 570-263089/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	NWTPH-Dx	263089

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-108591-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-083122-LP-MW-1 Lab Sample ID: 570-108591-1

Date Collected: 08/31/22 11:00 **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	5 mL	5 mL	262498	09/08/22 15:20	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 04:13	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			255.6 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/13/22 20:28	N1A	EET CAL
	Instrument ID: GC48									

Client Sample ID: GW-083122-LP-MW-2 Lab Sample ID: 570-108591-2

Date Collected: 08/31/22 11:35 **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	5 mL	5 mL	262498	09/08/22 15:42	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 05:25	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			254.9 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/13/22 20:49	N1A	EET CAL
	Instrument ID: GC48									

Client Sample ID: GW-083122-LP-MW-3 Lab Sample ID: 570-108591-3

Date Collected: 08/31/22 12:15 **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	262498	09/08/22 16:05	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 05:49	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			260.5 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/13/22 21:10	N1A	EET CAL
	Instrument ID: GC48									

Client Sample ID: GW-083122-LP-MW-4 Lab Sample ID: 570-108591-4

Date Collected: 08/31/22 13:05 **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	262498	09/08/22 16:27	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 06:13	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			252.7 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/13/22 21:31	N1A	EET CAL
	Instrument ID: GC48									

Lab Chronicle

Client: GHD Services Inc. Job ID: 570-108591-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Client Sample ID: GW-083122-LP-MW-6 — Lab Sample ID: 570-108591-5

Date Collected: 08/31/22 14:10 — **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	5 mL	5 mL	262498	09/08/22 16:49	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 06:37	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			260.3 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/13/22 21:52	N1A	EET CAL
	Instrument ID: GC48									

Client Sample ID: GW-083122-LP-MW-13 — Lab Sample ID: 570-108591-6

Date Collected: 08/31/22 15:05 — **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	262498	09/08/22 17:12	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 07:01	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			267 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/13/22 22:13	N1A	EET CAL
	Instrument ID: GC48									

Client Sample ID: GW-083122-LP-D-R — Lab Sample ID: 570-108591-7

Date Collected: 08/31/22 16:40 — **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	262498	09/08/22 17:34	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 07:25	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			266.5 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/13/22 22:33	N1A	EET CAL
	Instrument ID: GC48									

Client Sample ID: GW-083122-LP-MW-16 — Lab Sample ID: 570-108591-8

Date Collected: 08/31/22 15:10 — **Matrix: Water**
Date Received: 09/03/22 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	262498	09/08/22 17:57	OH1	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	262417	09/08/22 07:49	A1W	EET CAL
	Instrument ID: GC53									
Silica Gel Cleanup	Prep	3510C SGC			266.2 mL	2.5 mL	263089	09/09/22 17:44	UFLU	EET CAL
Silica Gel Cleanup	Analysis	NWTPH-Dx		1	10 mL	10 mL	263921	09/13/22 22:54	N1A	EET CAL
	Instrument ID: GC48									

Lab Chronicle

Client: GHD Services Inc.
Job ID: 570-108591-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 570-108591-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-23
Washington	State	C916-18	10-12-22

Method Summary

Client: GHD Services Inc.
Job ID: 570-108591-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET CAL 4
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	EET CAL 4
NWTPH-Dx	Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup	NWTPH	EET CAL 4
3510C SGC	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Job ID: 570-108591-1
Project/Site: P66 Renton Terminal AOC 5228 / 12572873

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-108591-1	GW-083122-LP-MW-1	Water	08/31/22 11:00	09/03/22 11:40
570-108591-2	GW-083122-LP-MW-2	Water	08/31/22 11:35	09/03/22 11:40
570-108591-3	GW-083122-LP-MW-3	Water	08/31/22 12:15	09/03/22 11:40
570-108591-4	GW-083122-LP-MW-4	Water	08/31/22 13:05	09/03/22 11:40
570-108591-5	GW-083122-LP-MW-6	Water	08/31/22 14:10	09/03/22 11:40
570-108591-6	GW-083122-LP-MW-13	Water	08/31/22 15:05	09/03/22 11:40
570-108591-7	GW-083122-LP-D-R	Water	08/31/22 16:40	09/03/22 11:40
570-108591-8	GW-083122-LP-MW-16	Water	08/31/22 15:10	09/03/22 11:40

Eurofins Calscience Irvine
2841 Dow Ave Suite 100
Tustin CA 92780
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Re

eurofins | Calscie

Loc: 570
108591

570-108591 Chain of Custody

Client Information	Sampler: Lucas Pisciotta	Lab PM	COC No:
Client Contact: Rosemary Bier	Phone: 206-802-1595	E-Mail:	Page: 1 of 1
Company: GHD			Job #:
Address: 9725 3RD Ave NE	Due Date Requested		
City: Seattle	TAT Requested (days): Standard		
State Zip: WA, 98115			
Phone: 206-802-1595	PO #: 340-007419		
Email: Rosemary.Bier@ghd.com	WO #:		
Project Name: Renton	Project #: 12572873		
Site: 12572873	SSOW#: 12572873-2022-04		

Analysis Requested

Preservation Codes

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O AsNaO2
D - Nitric Acid	P - Na2O4S
E NaHSO4	Q Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I Ice	U Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	NWTPH-Gx as gasoline	BTEX method 8260C	NWTPH-Dx as Diesel	Total Number of containers	Special Instructions/Note
			Preservation Code:								
GW-083122-LP-MW-1	08/31/22	1100	G	W			X	X	X		
MW-2		1135					X	X	X		
MW-3		1215					X	X	X		
MW-4		1305					X	X	X		
MW-6		1410					X	X	X		
MW-13		1505					X	X	X		
D-1R		1640					X	X	X		
GW-083122-LP-MW-16		1510	G	W			X	X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time.	Method of Shipment:

Relinquished by	Date/Time.	Company	Received by	Date/Time:	Company
Lucas Pisciotta GHD	09/02/22 0900	GHD			
Relinquished by:	Date/Time:	Company	Received by: Rob Finch	Date/Time: 9/3/22 1140	Company: TEC
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 3.3/3.3 SCC2

Ver: 01/16/2019

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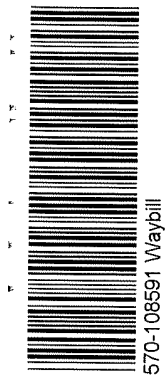
9/14/2022



570-108591 Waybill

ORIGIN ID:UQEA (503) 956-5391

CALSCIENCE ENVIRONMENTAL LAB
2841 DOW AVE STE 100

TUSTIN, CA 92780
UNITED STATES US

SHIP DATE: 02SEP22
ACTWGT: 50.95 LB
CAD: 6990437/SSFO2322
DIMS: 25x14x14 IN

BILL THIRD PARTY

Part # 158287-435 RRD2 Exp 08/23

TO

CALSCIENCE ENVIRONMENTAL LAB
2841 DOW AVE STE 100

TUSTIN CA 92780

(503) 956-5391 REF:

INV:
PO: DEPT:

FedEx Express

2 of 2

MPS# 0263 2775 2784 9694

Mstr# 2775 2784 9683 0201

WO DTHA

SATURDAY 12:00P
PRIORITY OVERNIGHT
AHS
92780
CA-US **SNA**

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-108591-1

Login Number: 108591
List Number: 1
Creator: Ortiz-Luis, Michael

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix E

Data Validation Memo

Technical Memorandum

October 13, 2022

To	Fabio Minervini	**Tel**	1 206 914 3141
Copy to	Rose Bier	**Email**	Jeffrey.Cloud@ghd.com
From	Jeffrey Cloud/eew/1-NF	**Ref. No.**	12572873
Subject	**Analytical Results and Reduced Validation of Reports J108590 and J108591 Semiannual Groundwater Sampling Phillips 66 Company - Renton Terminal AOC 5228 Renton, Washington August – September 2022**		

1. Introduction

This document details a reduced validation of analytical results for groundwater samples collected in support of the Semiannual Groundwater Sampling at the Renton Terminal AOC 5228 site in Renton, Washington during August and September 2022. Samples were submitted to Eurofins Calscience, located in Tustin, California. A sample collection and analysis summary is presented in Table 1. A summary of the analytical methodology is presented in Table 2. The validated analytical results are summarized in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples, matrix spikes and a field QC sample.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 2 and applicable guidance from the document entitled "National Functional Guidelines for Organic Superfund Methods Data Review", USEPA 540-R-20-005, November 2020.

2. Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the analyses are summarized in the methods. The sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All sample containers were properly preserved, delivered on ice and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4. Surrogate Spike Recoveries

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC), gasoline range organics (GRO) and diesel range organics (DRO)/motor oil range organics (ORO) analysis were spiked with the appropriate number of surrogate compounds prior to sample extraction and/or analysis.

Surrogate recoveries were assessed against the control limits. All surrogate recoveries met the associated criteria.

5. Laboratory Control Sample Analyses

Laboratory control samples (LCS)/laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS/LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS/LCSD contained all analytes of interest. All LCS/LCSD recoveries and RPDs were within associated control limits, demonstrating acceptable analytical accuracy and precision.

6. Matrix Spike Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as matrix spike (MS)/matrix spike duplicate (MSD) samples. The RPD between the MS and MSD is used to assess analytical precision. MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with the analyte of interest. All percent recoveries and the RPD value were within the associated control limits, demonstrating acceptable analytical accuracy and precision.

7. Field QA/QC Samples

The field QA/QC consisted of one trip blank sample.

7.1 Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, one trip blank was submitted to the laboratory for analysis. The result was non-detect for the analyte of interest.

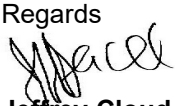
8. Analyte Reporting

The laboratory did not report any detected concentrations below the laboratory's reporting limit (RL). Non-detect results were presented as non-detect at the RL in Table 3.

9. Conclusion

Based on the assessment detailed in the foregoing, the summarized data are acceptable without qualification.

Regards



Jeffrey Cloud
Data Management Team – Data Validator

Table 1

Sample Collection and Analysis Summary
Semiannual Groundwater Sampling
Phillips 66 Company - Renton Terminal AOC 5228
Renton, Washington
August - September 2022

					Analysis/Parameters			
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**DRO/ORO**	**GRO**	**VOCs**	**Comments**
GW-083122-LP-D-1R	D-1R	Water	08/31/2022	16:40	X	X	X	
GW-090122-LP-LAI-13	LAI-13	Water	09/01/2022	12:04	X	X	X	MS/MSD
GW-090122-LP-LAI-14	LAI-14	Water	09/01/2022	12:42	X	X	X	
GW-083122-LP-MW-1	MW-1	Water	08/31/2022	11:00	X	X	X	
GW-083122-LP-MW-2	MW-2	Water	08/31/2022	11:35	X	X	X	
GW-083122-LP-MW-3	MW-3	Water	08/31/2022	12:15	X	X	X	
GW-083122-LP-MW-4	MW-4	Water	08/31/2022	13:05	X	X	X	
GW-083122-LP-MW-6	MW-6	Water	08/31/2022	14:10	X	X	X	
GW-090122-LP-MW-10	MW-10	Water	09/01/2022	09:30	X	X	X	
GW-090122-LP-MW-11	MW-11	Water	09/01/2022	12:40	X	X	X	
GW-090122-LP-MW-12	MW-12	Water	09/01/2022	12:00	X	X	X	
GW-083122-LP-MW-13	MW-13	Water	08/31/2022	15:05	X	X	X	

Table 1

Sample Collection and Analysis Summary
Semiannual Groundwater Sampling
Phillips 66 Company - Renton Terminal AOC 5228
Renton, Washington
August - September 2022

					Analysis/Parameters			
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**DRO/ORO**	**GRO**	**VOCs**	**Comments**
GW-090122-LP-MW-15	MW-15	Water	09/01/2022	14:35	X	X	X	
GW-083122-LP-MW-16	MW-16	Water	08/31/2022	15:10	X	X	X	
GW-090122-LP-Trip Blank	--	Water	09/01/2022	--		X		Trip Blank

Notes:

MS/MSD - Matrix Spike/Matrix Spike Duplicate
VOCs - Volatile Organic Compounds
GRO - Gasoline Range Organics
DRO/ORO - Diesel Range Organics/Motor Oil Range Organics
"--" - Not Applicable

Table 2

Analytical Methods
Semiannual Groundwater Sampling
Phillips 66 Company - Renton Terminal AOC 5228
Renton, Washington
August - September 2022

Parameter	Method	Matrix
Volatile Organic Compounds (VOCs)	SW-846 8260C[(1)]	Water
Gasoline Range Organics (GRO)	NWTPH-Gx[(2)]	Water
Diesel Range Organics (DRO)/Motor Oil Range Organics (ORO)	NWTPH-Dx[(2)]	Water

Notes:

(1) - SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

(2) - NWTPH - Referenced from "Washington State Department of Ecology Analytical Methods for Petroleum Hydrocarbons", Publication No. ECY 97-602, June 1997

Table 3

Analytical Results Summary
Semiannual Groundwater Sampling
Phillips 66 Company - Renton Terminal AOC 5228
Renton, Washington
August - September 2022

Location ID:		D-1R	LAI-13	LAI-14	MW-1	MW-2
Sample Name:		GW-083122-LP-D-1R	GW-090122-LP-LAI-13	GW-090122-LP-LAI-14	GW-083122-LP-MW-1	GW-083122-LP-MW-2
Sample Date:		08/31/2022	09/01/2022	09/01/2022	08/31/2022	08/31/2022
Parameters	**Unit**					
Volatile Organic Compounds						
Benzene	µg/L	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
m&p-Xylenes	µg/L	2.0 U	2.0 U	2.0 U	4.0 U	4.0 U
o-Xylene	µg/L	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	2.9	2.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	4.0 U	4.0 U
Total Petroleum Hydrocarbons						
Motor oil	mg/L	0.094 U	0.095 U	0.094 U	0.19	0.098 U
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/L	0.23	0.095 U	0.094 U	0.12	0.098 U
Gasoline	µg/L	400	100 U	100 U	100 U	100 U

Table 3

Analytical Results Summary
Semiannual Groundwater Sampling
Phillips 66 Company - Renton Terminal AOC 5228
Renton, Washington
August - September 2022

Location ID:		MW-3	MW-4	MW-6	MW-10	MW-11
Sample Name:		GW-083122-LP-MW-3	GW-083122-LP-MW-4	GW-083122-LP-MW-6	GW-090122-LP-MW-10	GW-090122-LP-MW-11
Sample Date:		08/31/2022	08/31/2022	08/31/2022	09/01/2022	09/01/2022
Parameters	**Unit**					
Volatile Organic Compounds						
Benzene	µg/L	0.50 U	0.50 U	2.0 U	1.6	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	4.0 U	2.0 U	2.0 U
m&p-Xylenes	µg/L	2.0 U	2.0 U	8.0 U	4.0 U	4.0 U
o-Xylene	µg/L	1.0 U	1.0 U	4.0 U	2.0 U	2.0 U
Toluene	µg/L	1.0 U	1.0 U	4.0 U	2.0 U	2.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	8.0 U	4.0 U	4.0 U
Total Petroleum Hydrocarbons						
Motor oil	mg/L	0.11	0.099 U	0.096 U	0.097 U	0.096 U
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/L	0.12	0.099 U	0.096 U	0.11	0.097
Gasoline	µg/L	100 U	100 U	100 U	100 U	140

Table 3

Analytical Results Summary
Semiannual Groundwater Sampling
Phillips 66 Company - Renton Terminal AOC 5228
Renton, Washington
August - September 2022

Location ID:		**MW-12**	**MW-13**	**MW-15**	**MW-16**
Sample Name:		**GW-090122-LP-MW-12**	**GW-083122-LP-MW-13**	**GW-090122-LP-MW-15**	**GW-083122-LP-MW-16**
Sample Date:		**09/01/2022**	**08/31/2022**	**09/01/2022**	**08/31/2022**
Parameters	**Unit**				
Volatile Organic Compounds					
Benzene	µg/L	0.50 U	0.50 U	4.1	0.50 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
m&p-Xylenes	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
o-Xylene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
Total Petroleum Hydrocarbons					
Motor oil	mg/L	0.10 U	0.094 U	0.096 U	0.094 U
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/L	0.10 U	0.094 U	0.11	0.094
Gasoline	µg/L	100 U	100 U	100 U	100 U

Notes:

U - Not detected at the associated reporting limit
DRO - Diesel Range Organics