

First Quarter 2019 Groundwater Monitoring and Operations and Maintenance Report

Phillips 66 Renton Terminal
2423 Lind Avenue Southwest
Renton, Washington

Agreed Order No. DE 11313
Facility Site I.D. No. 2070





Table of Contents

1.	Introduction.....	1
2.	Description of Remediation System and Operational Status.....	1
3.	First Quarter 2019 Remediation Activities.....	2
4.	Summary of Compliance Sampling.....	2
5.	Summary of System Performance.....	3
6.	System Operation Conclusions.....	4
7.	First Quarter 2019 Groundwater Monitoring Field Activities.....	4
7.1	Hydraulic Monitoring.....	4
7.2	Groundwater Sampling.....	4
7.3	Investigation Derived Waste.....	5
8.	Groundwater Monitoring Results.....	5
8.1	Groundwater Elevation and LNAPL Thickness Data.....	5
8.1.1	Intermediate Well Elevation Data, Flow Direction, and Gradient.....	5
8.1.2	LNAPL Thicknesses.....	6
8.2	Groundwater Quality Data.....	6
9.	Groundwater Monitoring Conclusions.....	7
10.	Other Agreed Order Items.....	7

Figure Index

Figure 1	Vicinity Map
Figure 2A	Site Plan with Monitoring Locations
Figure 2B	Site Plan with Active Remediation Locations
Figure 3	TPHg Mass Removal vs. Time Graph
Figure 4	Benzene Mass Removal vs. Time Graph
Figure 5	Groundwater Elevation Map – March 11-14, 2019
Figure 6	Groundwater Analytical Data – First Quarter 2019

Table Index

Table 1	Groundwater Extraction System Analytical Data
Table 2	Groundwater Extraction System Operational Data
Table 3	Soil Vapor Extraction System Analytical Data



Table 4 Soil Vapor Extraction System Operational Data

Table 5 Groundwater Elevation Data

Table 6 Groundwater Analytical Data

Appendix Index

Appendix A O&M Laboratory Analytical Reports

Appendix B King County Self-Monitoring Reports (SMR)

Appendix C Groundwater Monitoring Field Data Sheets

Appendix D Groundwater Monitoring Analytical Reports

Appendix E Data Validation

Appendix F Groundwater Concentration versus Time graphs



1. Introduction

GHD is submitting this *First Quarter 2019 Groundwater Monitoring and Operations and Maintenance Report* on behalf of Phillips 66 Company (P66) and BP for the P66 Renton Terminal located at 2423 Lind Avenue Southwest, Renton, Washington (Site, Figure 1).

On September 28, 2015, ExxonMobil, P66, and Ecology entered into an Agreed Order (DE 11313) to facilitate implementation of the remedial actions presented in the *Final Cleanup Action Report* (CAP). The remedial actions included installation of a new Dual-Phase Extraction (DPE) system, Operations and Maintenance (O&M), and performance monitoring. The new DPE system was completed in May 2015. The system began operation in May 2015 for a period of one year and then was shut down until October 2016 to implement system modifications. The modified DPE system operated intermittently between October 2016 and May 2017, and nearly continuously from May 2017 to present.

The purpose of this quarterly report is to present the results of groundwater monitoring and DPE system operation and evaluate the performance of the cleanup action. Groundwater monitoring and remediation activities were 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 First Quarter 2019 in accordance with the scope approved by the Washington State Department of Ecology in an email dated February 28, 2019.

2. Description of Remediation System and Operational Status

Groundwater is extracted from DPE wells to a groundwater treatment system consisting of an oil-water separator (OWS), air stripper, equalization tank, sediment filters, and carbon vessels. The treated water effluent is discharged to the sanitary sewer system under King County Discharge Authorization Permit 7910-01. Soil vapor is extracted from the DPE wells under vacuum using four rotary claw blowers located in the main treatment compound. Air effluent from the air stripper along with soil vapor extracted from the DPE wells is treated by the thermal oxidizer and then discharged to the atmosphere under Puget Sound Clean Air Agency (PSCAA) discharge permit No.11102. A Site Plan is presented as Figure 2A; process and instrumentation diagrams were presented in GHD's *Fourth Quarter 2016 Groundwater Monitoring and Operation and Maintenance Report*.

During the reporting period, the DPE system operated for approximately 2,072 hours between January 1, 2019 and March 31, 2019 with an "up-time" of approximately 99 percent. The following are the notable system shutdowns that occurred during the reporting period:

- January 6 to January 7, 2019 unplanned shutdown due to power failure
- March 4 to March 18, 2019 groundwater extraction shutdown due to an air compressor belt breaking followed by belt replacement



- March 8 to March 12, 2019 planned shutdown for groundwater monitoring event
- Multiple routine planned shutdowns for air stripper cleaning and air compressor maintenance

At present, the system is processing groundwater extracted from three remediation wells, and vapor extracted from 18 remediation wells, 15 of which are enhanced by air sweep. System operational data is provided in Tables 1 through 4. GHD is currently implementing an optimization plan focusing on the continuation of hydraulic control and mass removal via light non-aqueous phase liquids (LNAPL) and soil vapor extraction. GHD anticipates completing minor modifications during second quarter 2019, followed by focused LNAPL removal during the second through fourth quarters of 2019.

3. First Quarter 2019 Remediation Activities

Remediation activities for the DPE system consist of equipment maintenance, performance monitoring, monthly compliance sampling, system shutdown response, troubleshooting, and repairs. Scheduled visits for routine O&M are made twice a week. A summary of the operational data collected for the DPE system is presented in Tables 2 and 4.

The following system maintenance and repair activities were completed:

- Sediment filter bag change-outs
- Cleaning of valves and transfer pumps
- Cleaning and servicing of well pumps
- Air stripper cleaning
- Carbon vessel back flushes
- Air compressor maintenance and belt replacement
- Blower maintenance and cleaning
- Piping insulation installation

4. Summary of Compliance Sampling

The King County discharge authorization for the DPE system requires monthly compliance sampling. Samples were collected monthly during this operational period to monitor performance and verify compliance on January 9, 2019, February 13, 2019, and March 22, 2019. Treated effluent water samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) per Ecology Method NWTPH-Gx, total petroleum hydrocarbons as diesel (TPHd) and total petroleum hydrocarbons as motor oil (TPHo) per Ecology Method NWTPH-Dx, benzene, toluene, ethylbenzene, and xylenes (BTEX) per EPA Method 8260, and fats, oils, and grease (FOG) per EPA Method 1664A. The point of compliance for the permit is at the treated water effluent. All compliance samples collected demonstrated compliance with the permit conditions. Laboratory analytical reports are presented in Appendix A. Treated groundwater compliance sampling data are



presented on Table 1. Results are presented to King County on a quarterly basis. The First Quarter 2019 Self-Monitoring Report is presented in Appendix B.

The PSCAA air discharge permit for the DPE system requires monthly compliance sampling for TPHg and BTEX. Compliance samples were collected on January 9, 2019, February 13, 2019, and March 22, 2019. Air samples were collected from the oxidizer influent and effluent and analyzed for TPHg and BTEX per EPA Method TO-15. Laboratory analytical reports are presented in Appendix A. All compliance samples collected demonstrate compliance with permit conditions. Air compliance sampling data are presented on Table 3.

5. Summary of System Performance

Contaminant removal rates for the DPE system are consistent with historical removal rates. Mass removal rates and total mass removed are presented on Tables 3 and 4 and Figures 3 and 4.

During the reporting period, the groundwater extraction system operated continuously except for the planned shutdowns noted in Section 2.0. Various wells were utilized for DPE to maintain system up-time during system troubleshooting and repair efforts. The process volumes and estimated mass removed for the reporting period are as follows:

Period	Gallons of Water extracted	Gallons of Free Product Removed (OWS)	Pounds of TPH Removed (Dissolved Liquid Phase)	Pounds of TPH Removed (Vapor Phase)	Total Pounds of TPH Removed
First Quarter 2019 Operation (January 1, 2019 to March 31, 2019)	148,141	0	36	8,700	8,736
Cumulative Operation (May 8, 2015 to March 31, 2019)*	4,640,418	2,180	2,184	59,397	61,581

*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 and hydraulically contain the hydrocarbon-impacted groundwater plume to prevent



further migration off-Site. Hydraulic monitoring was performed during the groundwater sampling activities and discussed in Section 7. Procedures for hydraulic monitoring are included in the CMP.

The system continues to operate below design standards due to iron precipitate fouling and sedimentation. GHD plans to complete additional system modifications to increase effectiveness during the second quarter 2019.

6. System Operation Conclusions

The DPE system operated at nearly continuous up-time during the first quarter 2019. One unplanned shutdown occurred during the reporting period as described in Section 2.

The following activities will be performed during the second quarter 2019:

- Continuation of air sweep to enhance product recovery via SVE
- Implement system improvement and optimization measures focusing on LNAPL removal
- Effluent discharge line tracing, cleaning and cleanout installation
- Minor system modifications including re-plumbing the piping from the moisture/air separator to the OWS, relocating the vacuum relief on the discharge piping and installing a stainless steel static mixer prior to resume Redux-300 injection for iron sequestration

7. First Quarter 2019 Groundwater Monitoring Field Activities

7.1 Hydraulic Monitoring

First quarter 2019 hydraulic monitoring activities were conducted on March 11, 2019. 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 29 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 the 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 completed on March 14, 2019. Groundwater samples were collected from 12 wells using low-flow sampling procedures. Wells used in the groundwater quality monitoring are presented on Table 6. In addition to the groundwater samples, one field duplicate and two matrix spike and matrix spike duplicate (MS/MSD) samples were 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 Pace Analytical Laboratories 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.

The laboratory analytical report is included in Appendix D.

7.3 Investigation Derived Waste

All investigation derived waste (IDW) including purge water and decontamination water was processed through the onsite groundwater treatment system before discharge to the sanitary sewer system under King County discharge authorization No. 7910-01.

All disposable PPE were properly decontaminated and placed in the garbage for disposal.

8. Groundwater Monitoring Results

8.1 Groundwater Elevation and LNAPL Thickness Data

The purpose of the hydraulic monitoring is to evaluate 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) and gradient(s) are presented on Figure 5.

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 the silt/clay layer at approximately 10 feet bgs. Groundwater elevations in these two wells were consistent with historical data. None of the deep wells were gauged or sampled. Groundwater elevation data are presented in Table 5 and Figure 5.

8.1.1 Intermediate Well Elevation Data, Flow Direction, and Gradient

Data collected during the first quarter 2019 indicates that groundwater mounds in the vicinity of the tank farm and in the vicinity of the loading rack, and flows radially away in all directions. The primary gradient was determined to be southwest at 0.01 feet per foot. Groundwater elevation contours are presented on Figure 5.



8.1.2 LNAPL Thicknesses

During the first quarter 2019 sampling event, LNAPL was observed in 11 of the wells. The maximum LNAPL thickness (6.55 feet) was detected in well DPE-49. In general, in-well LNAPL gauging provides relatively little in the way of technically valid indications of LNAPL conditions in the subsurface other than to confirm its presence and mobility. The presence of LNAPL in wells north of the loading racks during recent sampling events indicates a mobile LNAPL mass in this area. LNAPL will continue to be monitored to determine if any trends are apparent.

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. Historical groundwater quality data is presented on Table 6. Groundwater quality data from the first quarter 2019 sampling event is presented on Figure 6, and in Table 6. The laboratory analytical report for the first quarter 2019 event is presented in Appendix D. The analytical data validation memo is presented in Appendix E.

Laboratory analytical results from the first quarter 2019 event indicate concentrations of one or more analyzed constituents were above MTCA Method A cleanup levels for the following:

- Benzene – Well MW-15

None of the other wells sampled contained concentrations above MTCA Method A cleanup levels.

The current groundwater quality data was compared to historical groundwater quality data to assess whether concentration trends have changed over time. Decreasing concentration trends along the perimeter of the plume indicate capture of the contaminant plume (i.e., absence of plume migration). Concentration trend graphs are presented in Appendix F.

Monitoring wells MW-3 through MW-6 were installed along the eastern perimeter to delineate the eastern boundary of the plume and to determine if migration of contaminants is occurring. The concentrations in samples collected from wells MW-3, MW-4 and MW-6 were below MTCA Method A cleanup levels. However, these wells will continue to be monitored to determine concentration trends and verify that impacts are not migrating from the site.

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

To the north, wells MW-11, MW-12, MW-13, and MW-16 remain below MTCA Method A cleanup levels indicating potential migration of dissolved contaminants to the vicinity of these wells has not occurred.



9. Groundwater Monitoring Conclusions

Groundwater tends to mound near Tank No. 2 and near the loading rack and flow radially in all directions, consistent with historical flow directions and gradients.

Groundwater quality data for the perimeter wells indicate contaminant migration is not occurring and the current remediation efforts are maintaining hydraulic control of the plume.

The monitoring well network will continue to be monitored and sampled per the CMP to assess the effectiveness of the DPE system. GHD will continue to gauge wells on a quarterly basis to determine groundwater elevations and monitor LNAPL thickness; the analytical sampling frequency has been reduced to semi-annually. The next scheduled monitoring event is during second quarter 2019.

10. Other Agreed Order Items

No Agreed Order items occurred during the first quarter 2019.

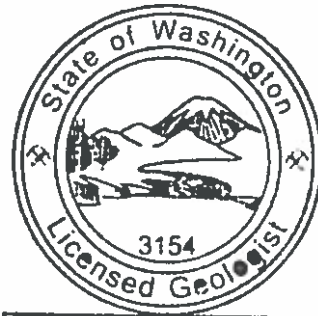


All of Which is Respectfully Submitted,

GHD

A handwritten signature in blue ink, appearing to read 'Christina McClelland'.

Christina McClelland, LG

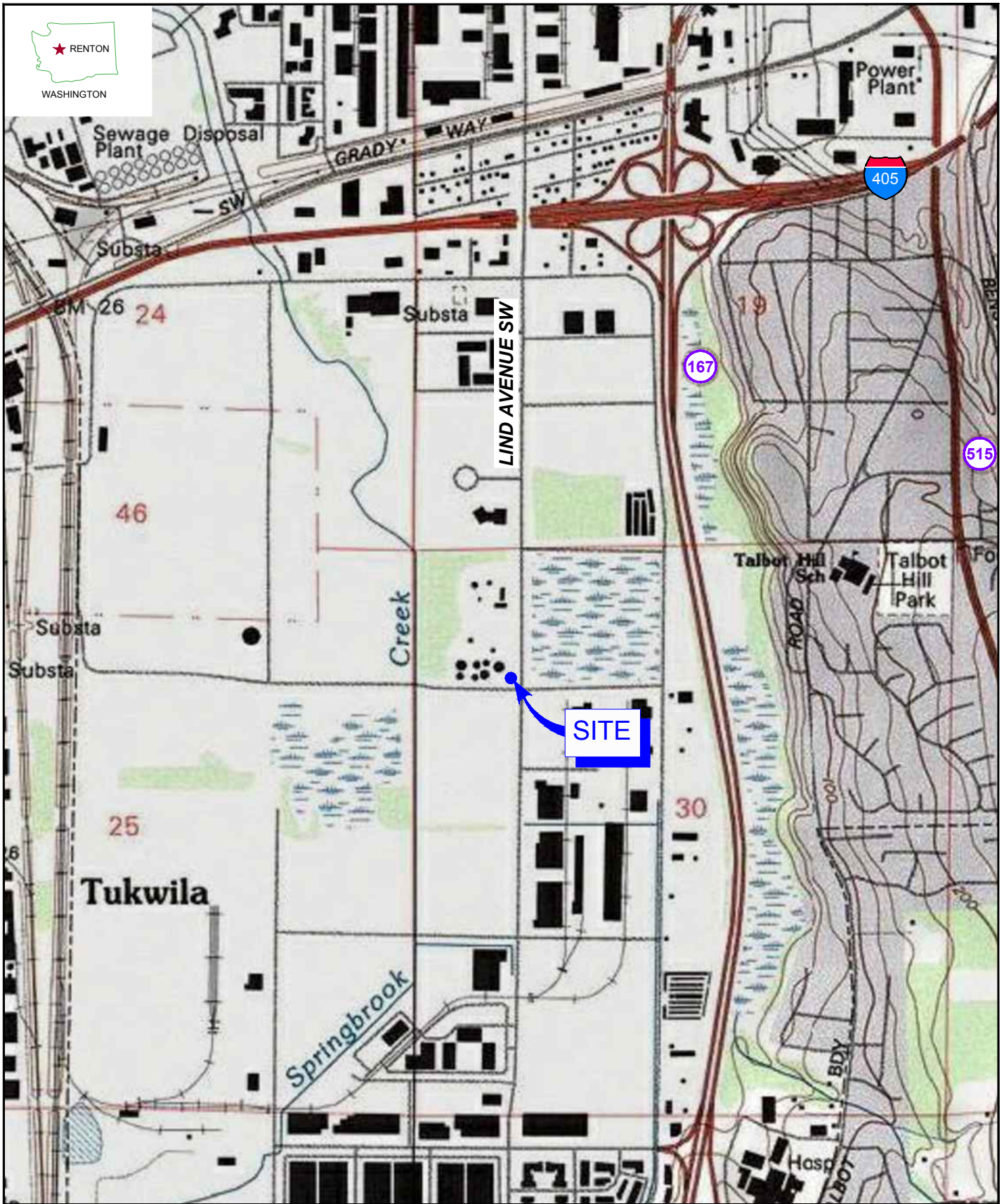


CHRISTINA McCLELLAND

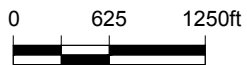
A handwritten signature in black ink, appearing to read 'Thuan Bui'.

Thuan Bui, EIT

Figures



Source: TOPOI CA



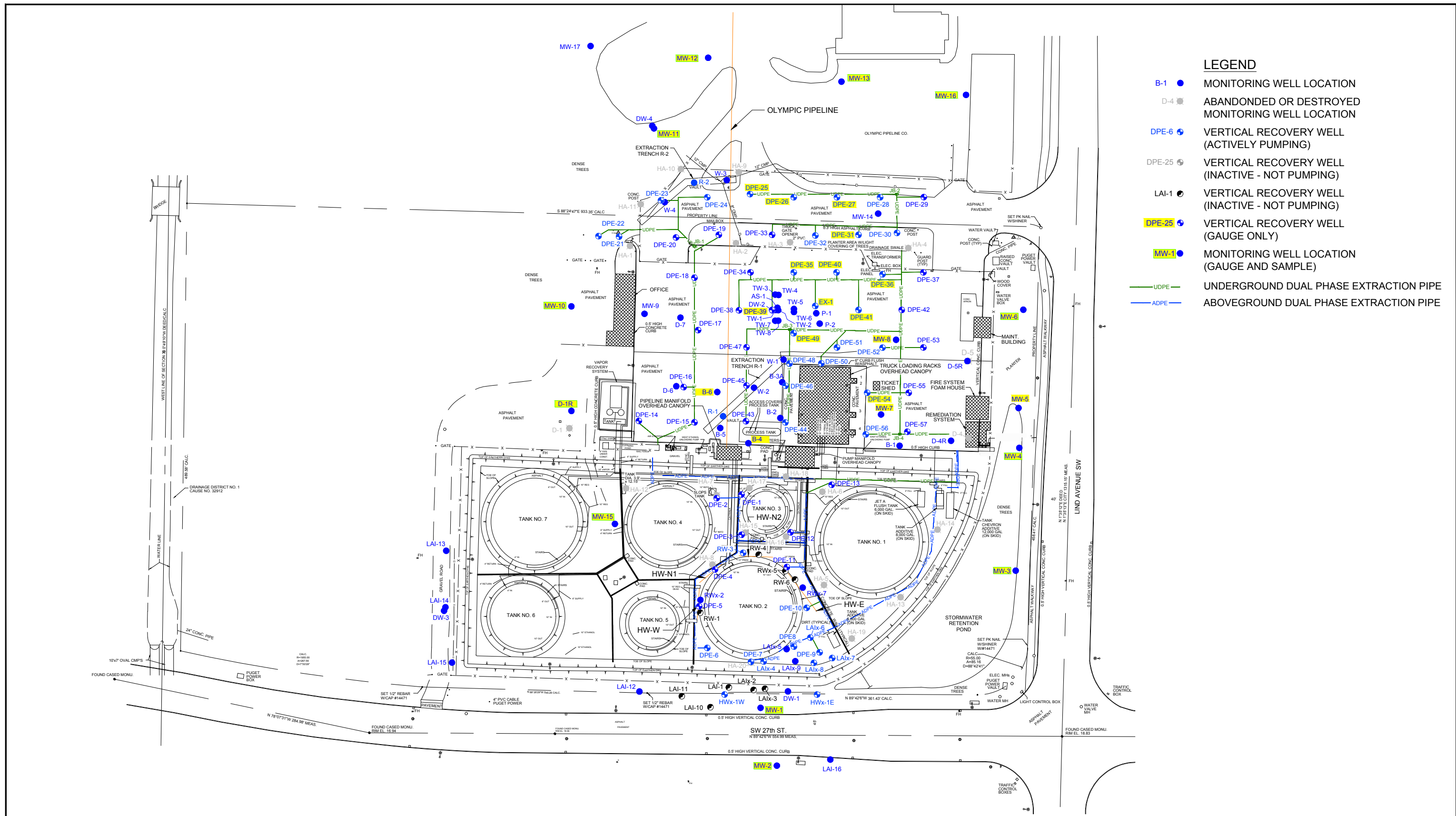
PHILLIPS 66 RENTON TERMINAL
 2423 LIND AVENUE SOUTHWEST
 RENTON, WASHINGTON

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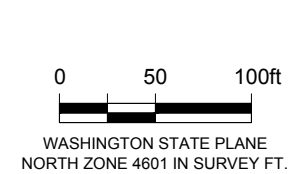
May 8, 2019

VICINITY MAP

FIGURE 1



SOURCE: STATEWIDE LAND SURVEYING INC., DATED 01/26/2012.



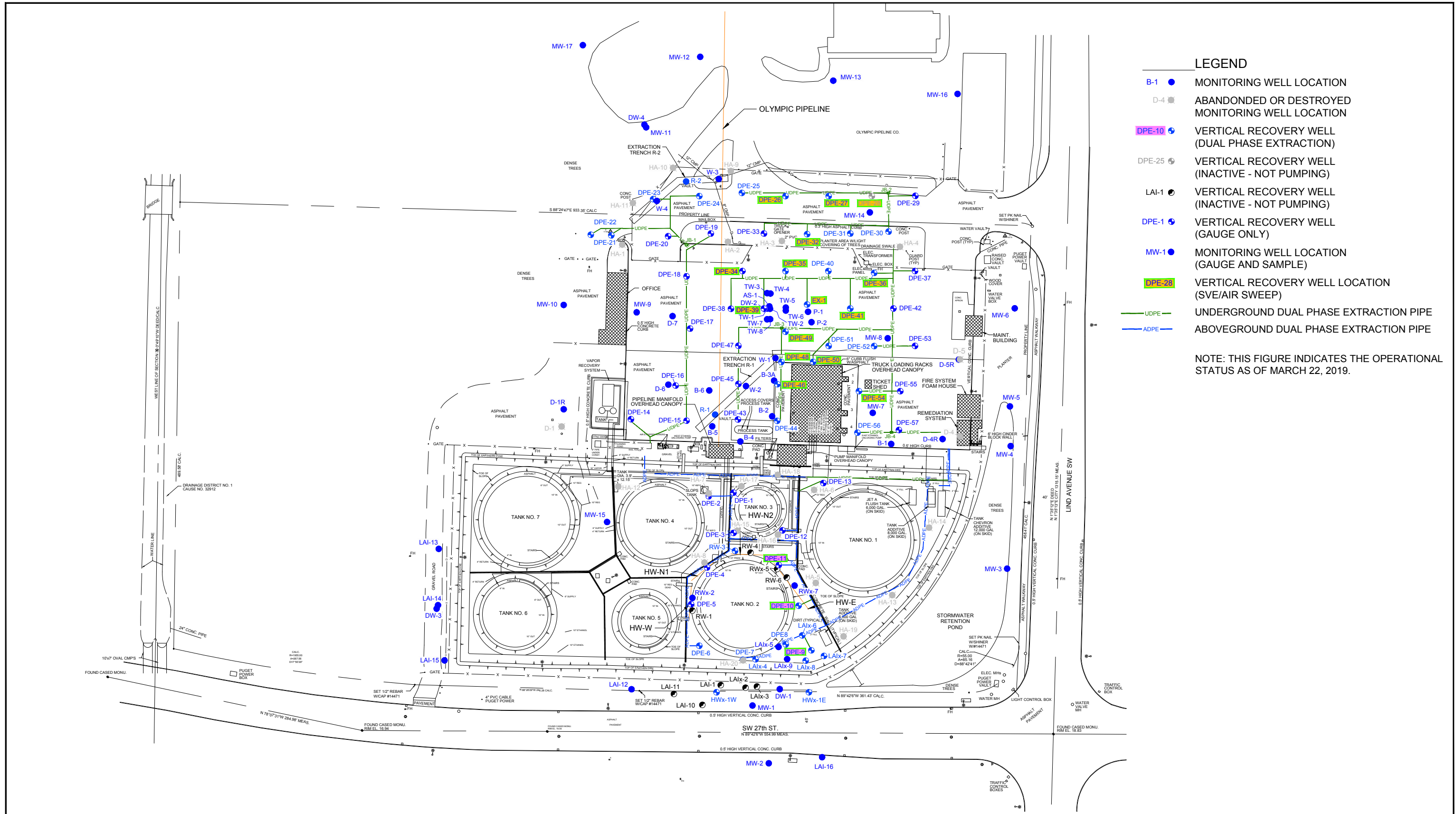
PHILLIPS 66 RENTON TERMINAL
2423 LIND AVENUE SOUTHWEST
RENTON, WASHINGTON

SITE PLAN WITH MONITORING LOCATIONS

070496.17-7MN00

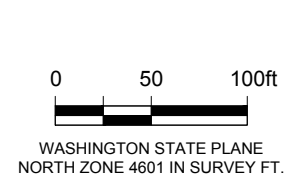
May 8, 2019

FIGURE 2A



- LEGEND**
- B-1 ● MONITORING WELL LOCATION
 - D-4 ■ ABANDONED OR DESTROYED MONITORING WELL LOCATION
 - DPE-10 ● VERTICAL RECOVERY WELL (DUAL PHASE EXTRACTION)
 - DPE-25 ● VERTICAL RECOVERY WELL (INACTIVE - NOT PUMPING)
 - LAI-1 ● VERTICAL RECOVERY WELL (INACTIVE - NOT PUMPING)
 - DPE-1 ● VERTICAL RECOVERY WELL (GAUGE ONLY)
 - MW-1 ● MONITORING WELL LOCATION (GAUGE AND SAMPLE)
 - DPE-28 ● VERTICAL RECOVERY WELL LOCATION (SVE/AIR SWEEP)
 - UDPE — UNDERGROUND DUAL PHASE EXTRACTION PIPE
 - ADPE — ABOVEGROUND DUAL PHASE EXTRACTION PIPE
- NOTE: THIS FIGURE INDICATES THE OPERATIONAL STATUS AS OF MARCH 22, 2019.

SOURCE: STATEWIDE LAND SURVEYING INC., DATED 01/26/2012.



PHILLIPS 66 RENTON TERMINAL
2423 LIND AVENUE SOUTHWEST
RENTON, WASHINGTON

SITE PLAN WITH ACTIVE REMEDIATION LOCATIONS

070496.17-7MN00
May 8, 2019

FIGURE 2B

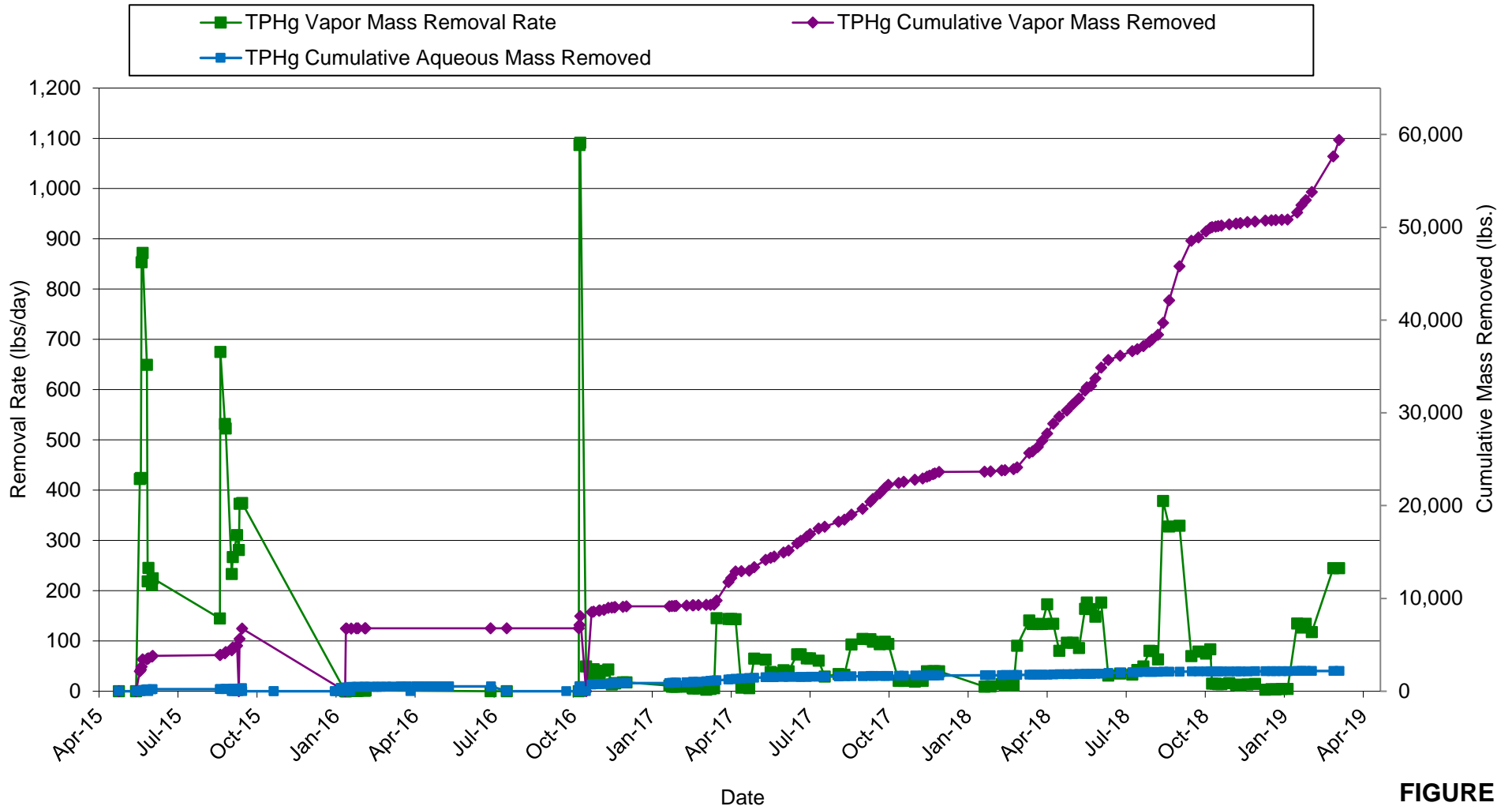


FIGURE 3

Phillips 66 Renton Terminal
 2423 Lind Avenue Southwest
 Renton, Washington



TPHg MASS REMOVAL VS. TIME

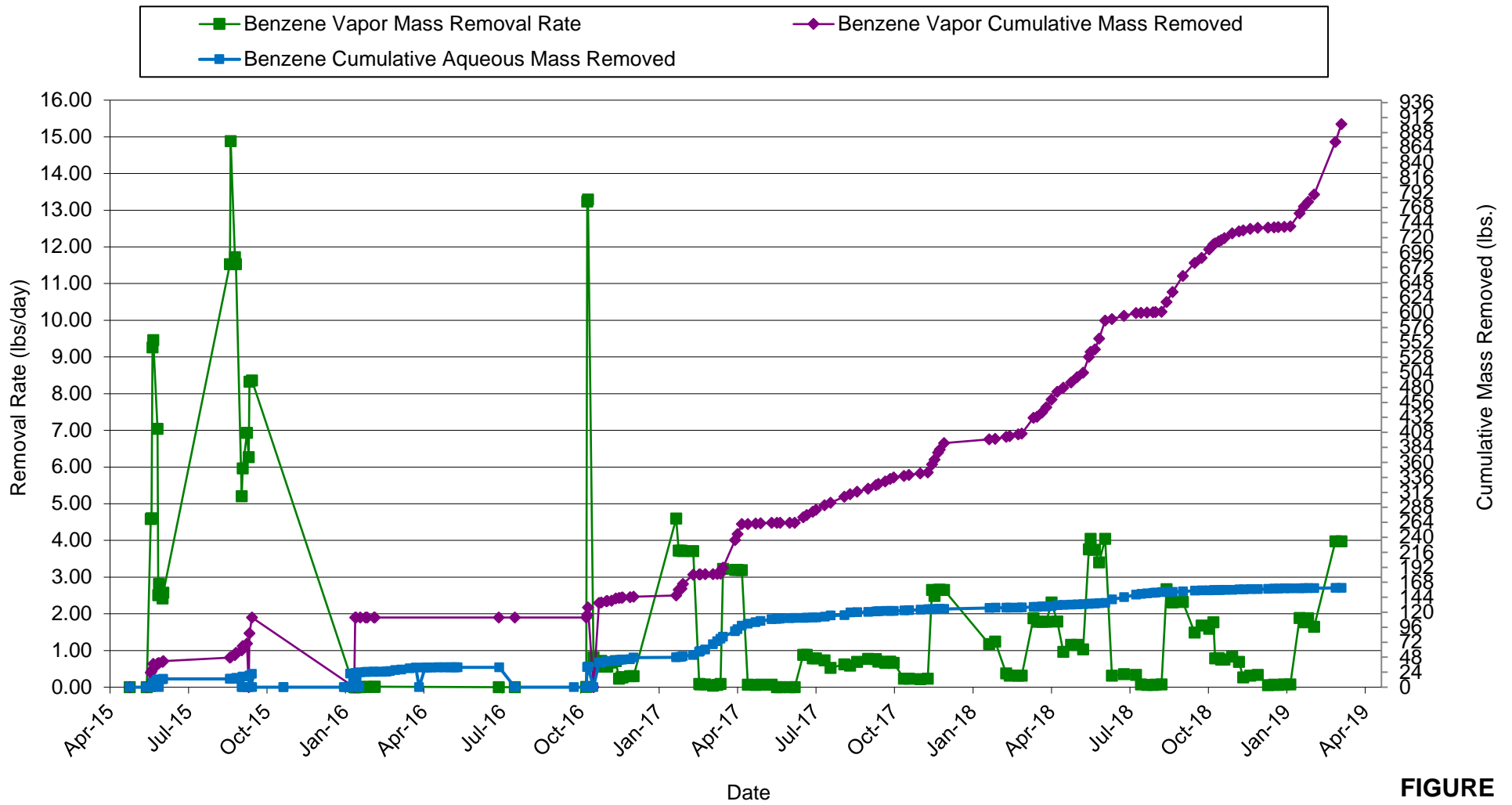
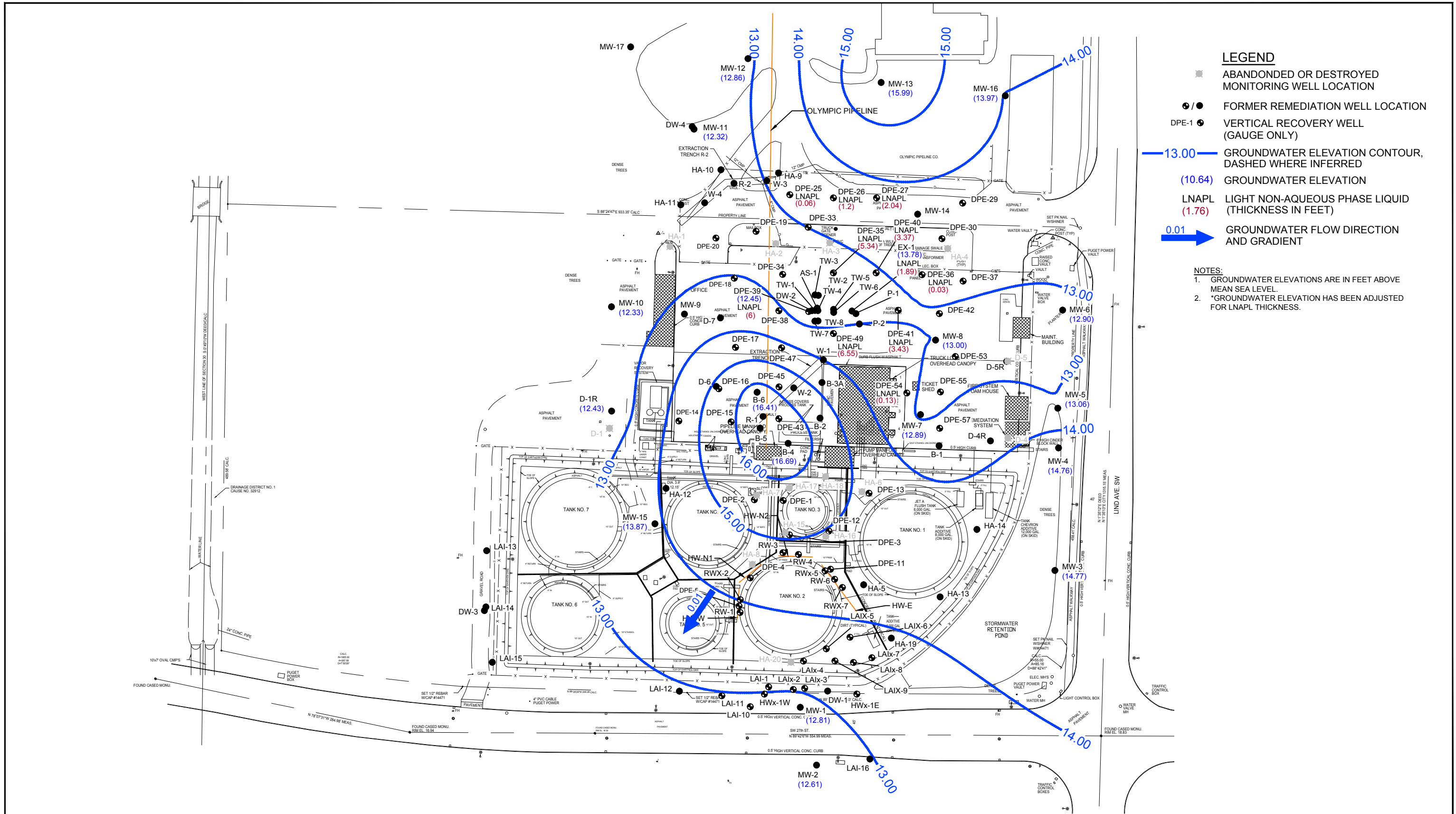


FIGURE 4

Phillips 66 Renton Terminal
 2423 Lind Avenue Southwest
 Renton, Washington



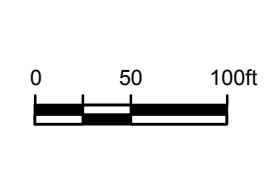
BENZENE MASS REMOVAL VS. TIME



- LEGEND**
- ABANDONED OR DESTROYED MONITORING WELL LOCATION
 - / ● FORMER REMEDIATION WELL LOCATION
 - DPE-1 ● VERTICAL RECOVERY WELL (GAUGE ONLY)
 - 13.00 — GROUNDWATER ELEVATION CONTOUR, DASHED WHERE INFERRED
 - (10.64) GROUNDWATER ELEVATION
 - LNAPL LIGHT NON-AQUEOUS PHASE LIQUID (THICKNESS IN FEET)
 - (1.76)
 - 0.01 → GROUNDWATER FLOW DIRECTION AND GRADIENT

- NOTES:**
1. GROUNDWATER ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL.
 2. *GROUNDWATER ELEVATION HAS BEEN ADJUSTED FOR LNAPL THICKNESS.

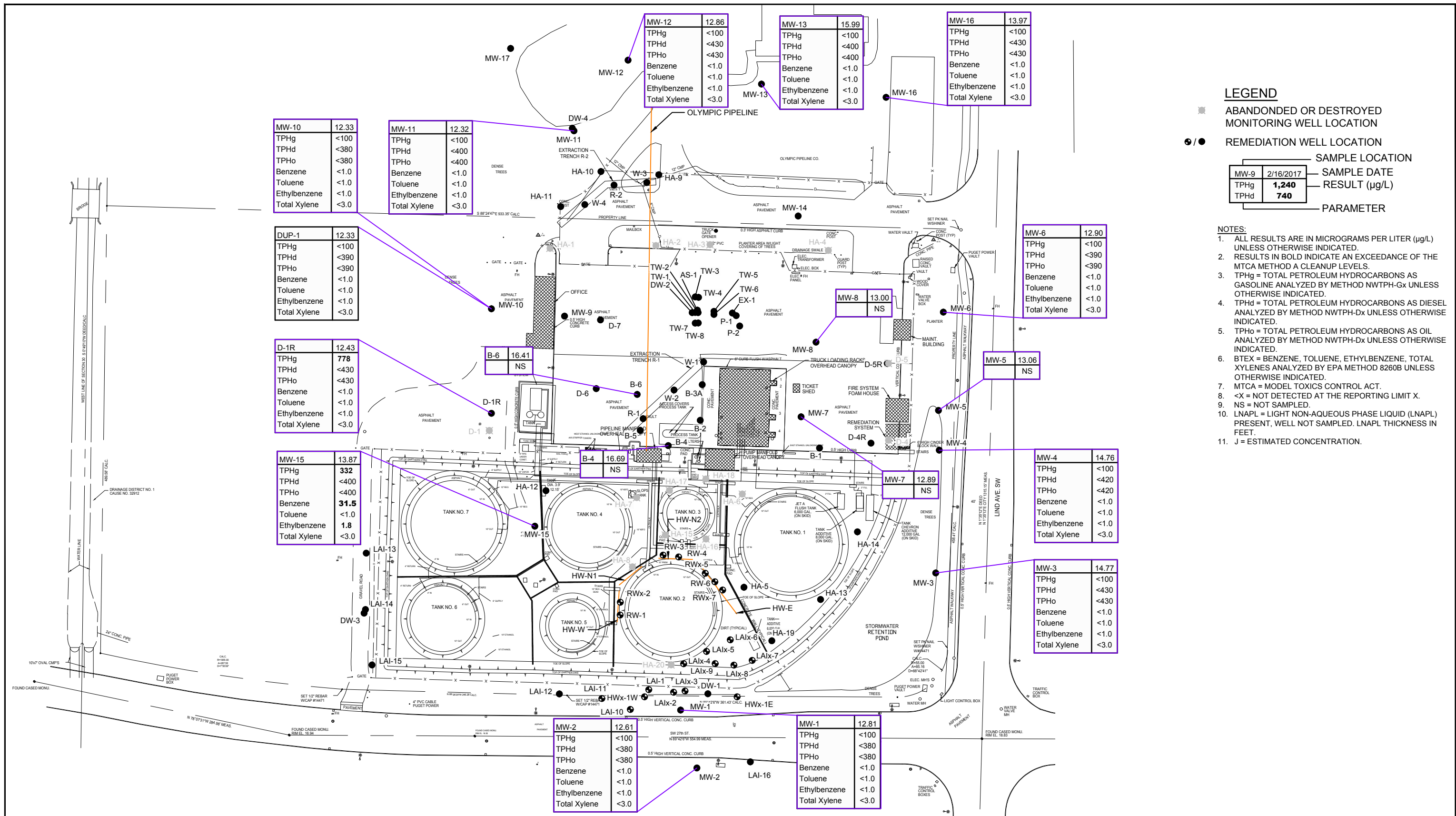
SOURCE: STATEWIDE LAND SURVEYING INC., DATED 1/26/12.



PHILLIPS 66 RENTON TERMINAL
 2423 LIND AVENUE SOUTHWEST
 RENTON, WASHINGTON
GROUNDWATER ELEVATION MAP
 MARCH 11-14, 2019

070496.17-7MN00
 May 8, 2019

FIGURE 5



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



PHILLIPS 66 RENTON TERMINAL
 2423 LIND AVENUE SOUTHWEST
 RENTON, WASHINGTON
**GROUNDWATER ANALYTICAL DATA -
 FIRST QUARTER 2019**

070496.17-7MN00

Apr 26, 2019

FIGURE 6

Tables

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

Date (mm/dd/yy)	SV-3102 hrs	Total Uptime*	Water Extraction				Product Extraction		TPHg			Benzene		
			Totalizer Reading (gallons)	Cumulative Flow (gallons)	Average Flow Rate (gpd)	Average Flow Rate (gpm)	Product Tank Level (inches)	Product recovery (gallons)	Influent Conc. (µg/L)	Removal Rate (ppd)	Cumulative Recovery (pounds)	Influent Conc. (µg/L)	Removal Rate (ppd)	Cumulative Recovery (pounds)
10/8/18 10:00	14,572	96%	856,389	4,285,129	6,097	4.2	0.0	2175	12,700	0.6	2,116	1,540	0.08	154.4
10/16/18 11:00	14,686	62%	882,900	4,311,640	5,581	3.9	0.0	2175	NM	0.6	2,118	NM	0.07	154.7
10/25/18 9:00	14,885	93%	903,167	4,331,907	2,444	1.7	0.0	2175	NM	0.3	2,121	NM	0.03	155.0
10/30/18 12:30	14,991	86%	918,400	4,347,140	3,449	2.4	0.0	2175	NM	0.4	2,122	NM	0.04	155.2
11/1/18 7:30	15,035	100%	921,957	4,350,697	1,940	1.3	0.0	2175	NM	0.2	2,123	NM	0.03	155.3
11/5/18 8:20	15,132	100%	930,167	4,358,907	2,031	1.4	0.0	2175	NM	0.3	2,124	NM	0.04	155.4
11/8/18 8:40	15,205	100%	938,367	4,367,107	2,696	1.9	0.0	2175	15,300	0.3	2,125	2,140	0.05	155.5
11/12/18 8:49	15,301	100%	946,787	4,375,527	2,105	1.5	0.0	2175	NM	0.3	2,126	NM	0.04	155.7
11/21/18 7:36	15,508	96%	954,927	4,383,667	944	0.7	0.0	2175	NM	0.1	2,127	NM	0.02	155.8
11/29/18 8:40	15,627	62%	989,100	4,417,840	6,892	4.8	0.0	2175	NM	0.9	2,131	NM	0.12	156.5
12/4/18 8:27	15,744	98%	997,057	4,425,797	1,632	1.1	0.0	2175	NM	0.4	2,133	NM	0.02	156.5
12/12/18 7:45	15,932	98%	1,016,647	4,445,387	2,501	1.7	1.0	2180	31,600	0.7	2,139	1,460	0.03	156.8
12/21/18 8:35	16,039	92%	1,030,267	4,459,007	3,055	2.1	1.0	2180	NM	0.8	2,142	NM	0.04	157.0
1/2/19 8:25	16,328	100%	1,063,537	4,492,277	2,763	1.9	1.0	2180	NM	0.7	2,151	NM	0.04	157.4
1/9/19 9:15	16,457	78%	1,078,577	4,507,317	2,798	1.9	1.0	2180	31,400	0.7	2,155	1,750	0.04	157.7
1/14/19 9:15	16,578	100%	1,092,267	4,521,007	2,715	1.9	1.0	2180	NM	0.7	2,158	NM	0.04	157.9
1/21/19 8:15	16,742	98%	1,103,117	4,531,857	1,588	1.1	1.0	2180	NM	0.4	2,161	NM	0.02	158.0
1/28/19 9:09	16,910	99%	1,114,627	4,543,367	1,644	1.1	1.0	2180	NM	0.4	2,164	NM	0.02	158.2
2/8/19 10:00	17,170	100%	1,134,637	4,563,377	1,847	1.3	1.0	2180	NM	0.4	2,168	NM	0.01	158.3
2/13/19 12:00	17,290	100%	1,144,347	4,573,087	1,942	1.3	1.0	2180	24,500	0.4	2,170	746	0.01	158.4
2/18/19 9:50	17,406	100%	1,158,237	4,586,977	2,874	2.0	1.0	2180	NM	0.6	2,173	NM	0.02	158.5
2/25/19 8:10	17,572	100%	1,175,557	4,604,297	2,504	1.7	1.0	2180	NM	0.5	2,177	NM	0.02	158.6
3/22/19 8:25	17,827	100%	1,196,417	4,625,157	1,963	1.4	1.0	2180	25,200	0.4	2,181	1,600	0.03	158.8
3/29/19 9:23	17,995	99%	1,211,678	4,640,418	2,180	1.5	1.0	2180	NM	0.5	2,184	NM	0.03	159.0
Regulatory Limits:				266,153	<72,000	50		Total recovery (gallons):	2180	Total recovery (pounds):	2,184	Total recovery (pounds):		159.0

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)]

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 per liter

g = grams

cc = cubic centimeter

lb = pound

*Total Uptime is not 100% accurate due to recording and calculating losses

Density:

Product recovery calculation taken from <http://www.handymath.com/cgi-bin/circleval25.cgi?submit=Entry>

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

Date (mm/dd/yy)	Influent					Effluent				
	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
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.

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 Temperature (°F)	Influent-2 n (Field) (ppmv)	Influent-2 Concentratio n (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
02/18/19	16,448	100%	2.5	34.0	2.0	0.45	587	120	1.9	NM	1,410	845	134	52,926	0.16	100%	1.87849	777	0.0002
02/25/19	16,616	100%	2.5	34.0	2.0	0.35	515	125	1.8	NM	1,414	840	118	53,809	0.14	100%	1.64958	789	0.0002
03/22/19	17,124	100%	2.5	34.0	2.0	0.40	551	125	378	1190	1,413	841	245	57,644	0.12	100%	3.97584	873	0.0004
03/29/19	17,296	100%	3.0	40.8	3.0	0.40	551	125	57	NM	1,413	843	245	59,397	0.12	100%	3.97584	901	0.0004
Regulatory Limits (ppmv):							<1,500				>1,400					>97% when inlet concentratio ns 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 Fahrenheit

NA = Not applicable

NM = not measured

NS = Not sampled

L = liter

gpm = gallon per minute

µg/L = microgram = liter

g = grams

cc = cubic centimeter

lb = pound

* = 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

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

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-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	--
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	--

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
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	--
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	--

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
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	--
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	--

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
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	--

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
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	--
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	--

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
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	--
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	--

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
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
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	--

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
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-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	--
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	--

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
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	--

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
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	--
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-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	--	--	--	--	--	--
D-4	5/27/2003	17.82	--	--	--	--	--	--
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				Decommissioned 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	--

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
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	--	--	--	--	--	--	--
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				Decommissioned 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	--

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
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	--
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	--

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
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-2	11/15/2016	--	--	--	--	8.81	--	--
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-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	--

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
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-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-6	7/11/2017	--	--	--	--	13.98	--	--
DPE-6	6/11/2018	--	--	--	--	13.12	--	--
DPE-7	7/11/2017	--	13.97	--	0.39	14.36	--	--
DPE-7	6/11/2018	--	--	--	--	13.58	--	--
DPE-8	7/11/2017	--	--	--	--	18.96	--	--
DPE-8	6/11/2018	--	15.72	--	0.04	15.76	--	--
DPE-9	7/11/2017	--	--	--	--	18.39	--	--
DPE-9	6/11/2018	--	--	--	--	16.02	--	--
DPE-10	7/11/2017	--	--	--	--	19.01	--	--
DPE-10	6/11/2018	--	--	--	--	16.19	--	--
DPE-10	12/17/2018	---	---	---	---	12.21	---	---
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	--
d								
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-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	--
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-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-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	--

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
DPE-15	12/17/2018	20.62	---	---	---	7.13	13.49	--
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-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-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-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-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-21	7/11/2017	--	--	--	--	8.37	--	--
DPE-22	7/11/2017	--	--	--	--	9.39	--	--
DPE-22	6/11/2018	--	--	--	--	9.12	--	--
DPE-23	7/11/2017	--	9.93	--	0.01	9.94	--	--
DPE-23	6/11/2018	--	--	--	--	9.52	--	--
DPE-24	7/11/2017	--	--	--	--	10.25	--	--
DPE-24	6/11/2018	--	--	--	--	9.80	--	--
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	--	--
DPE-25	3/11/2019	---	7.44	---	0.06	7.50	---	--
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-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-28	7/8/2016	--	8.79	--	1.41	10.20	--	--

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
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-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-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-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	---	--
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-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-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-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-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-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-38	11/15/2016	--	4.65	--	1.7	6.35	--	--
DPE-38	2/16/2017	--	3.43	--	4.17	7.60	--	--

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
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-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-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-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-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-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-44	7/11/2017	--	--	--	--	6.60	--	--
DPE-44	12/11/2017	--	--	--	--	5.55	--	--
DPE-44	6/11/2018	--	--	--	--	6.12	--	--
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-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-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	--

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
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-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-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-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-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-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-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-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-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	--
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	--

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
HA-1	5/24/2000	19.50	--	--	--	6.20	13.30	--
HA-1	5/23/2001	19.50	--	--	--	6.30	13.20	--
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				Decommissioned 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	--

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
HA-2	5/5/2014	21.09	--	--	--	5.04	16.05	--
HA-2	8/19/2014				Decommissioned 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	--
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				Decommissioned 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

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
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				Decommissioned 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
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

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
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	--
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	--

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
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	--
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				Decommissioned Well			

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
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

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
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	--
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				Decommissioned 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

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
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	--	--	--	--	--	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
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	--	--	--	Decommissioned 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	--

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
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	--
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

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
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	--
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	--

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
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
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

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
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	--

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
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	--
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	--

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
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
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

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
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				Decommissioned 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
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

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
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				Decommissioned 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
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	--

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
HA-17	5/5/2014	21.82	--	--	--	4.68	17.14	--
HA-17	8/19/2014				Decommissioned 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				Decommissioned 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

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
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
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	16.79	19.91
HA-20	1/3/2003	23.10	3.26	19.84	4.39	7.65	18.74	22.04

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
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
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

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
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	--
HA-20	8/19/2014				Decommissioned 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

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
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	--
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

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
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
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

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
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

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
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
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

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
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
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

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
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
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

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
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
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

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
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

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
LAI-7	5/23/2003	24.28	10.60	13.68	0.02	10.62	13.68	13.69
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

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
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
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

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
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
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

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
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
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

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
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	--
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

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
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

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
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	--
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

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
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
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

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
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
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-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

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
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
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	--

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

<i>Well</i>	<i>Date</i>	<i>Top of Casing Elevation (feet)</i>	<i>Depth to Free Product (feet BTOC)</i>	<i>Elevation of Free Product (feet)</i>	<i>Product Thickness In Well (feet)</i>	<i>Depth to Groundwater (feet BTOC)</i>	<i>Groundwater Elevation (feet)</i>	<i>Potentiometric Elevation</i>
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-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
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

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
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

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
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
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

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
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
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

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

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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-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
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

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
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
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	--
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

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
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
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

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
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-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

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
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
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	--

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
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-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
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

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
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
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	--
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

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
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
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

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
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
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

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
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

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
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
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

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
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
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-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	--

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
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-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	--
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-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-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	--	--	--	--	--	--

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

<i>Well</i>	<i>Date</i>	<i>Top of Casing Elevation (feet)</i>	<i>Depth to Free Product (feet BTOC)</i>	<i>Elevation of Free Product (feet)</i>	<i>Product Thickness In Well (feet)</i>	<i>Depth to Groundwater (feet BTOC)</i>	<i>Groundwater Elevation (feet)</i>	<i>Potentiometric Elevation</i>
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-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-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-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	--
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	--

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
MW-8	3/11/2019	21.54	---	---	---	8.54	13.00	--
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-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-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	--	--	--	--	--	--
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-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	--

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

<i>Well</i>	<i>Date</i>	<i>Top of Casing Elevation (feet)</i>	<i>Depth to Free Product (feet BTOC)</i>	<i>Elevation of Free Product (feet)</i>	<i>Product Thickness In Well (feet)</i>	<i>Depth to Groundwater (feet BTOC)</i>	<i>Groundwater Elevation (feet)</i>	<i>Potentiometric Elevation</i>
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-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-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	--

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
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-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-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	--
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	--

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
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-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	--
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	--

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

<i>Well</i>	<i>Date</i>	<i>Top of Casing Elevation (feet)</i>	<i>Depth to Free Product (feet BTOC)</i>	<i>Elevation of Free Product (feet)</i>	<i>Product Thickness In Well (feet)</i>	<i>Depth to Groundwater (feet BTOC)</i>	<i>Groundwater Elevation (feet)</i>	<i>Potentiometric Elevation</i>
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	--	--
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	--
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	--

Groundwater Elevation Data
Phillips 66 Company
Renton Terminal
Renton, Washington

<i>Well</i>	<i>Date</i>	<i>Top of Casing Elevation (feet)</i>	<i>Depth to Free Product (feet BTOC)</i>	<i>Elevation of Free Product (feet)</i>	<i>Product Thickness In Well (feet)</i>	<i>Depth to Groundwater (feet BTOC)</i>	<i>Groundwater Elevation (feet)</i>	<i>Potentiometric Elevation</i>
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

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

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

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	--	--
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	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

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

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES		
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --	
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	1,450	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	--	--	
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	--	--	

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	--
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	---	---

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

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

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	96.6¹	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	--
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	--	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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
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	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	--	--
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	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	5/11/1998	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	--	--
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	5/11/1998	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	--	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
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Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	--
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	--	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES		
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --	
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	--	--	
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	--	--	

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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					
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 ^(C, 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	780	200	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	--	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES		
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --	
HA-12	5/22/2001	<48	410	<200	3.7	0.24J	<0.2	<0.6	--	--	
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	--	
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	

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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}	31.5¹	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					
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	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	--
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								

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES		
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E	X 1,000	MTBE 20	Ethanol --	
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	--	
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	--	

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

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

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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
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

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs			OXYGENATES		
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	--	--
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	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	--
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	--
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	--	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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-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	--
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	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

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

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

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

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location CA Method A Screening Levels:	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	--
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	<1.0	--
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	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	--
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-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	--	--
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	--	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location CA Method A Screening Levels:	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
MW-2	3/14/2019	<100	<380	<380	<1.0	<1.0	<1.0	<3.0	---	---
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-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	--
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-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	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E	X 1,000	MTBE 20	Ethanol --
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	--
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-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	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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	--
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-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	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs			OXYGENATES		
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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-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	--	--
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-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	--	--

Groundwater Analytical Data
Phillips 66 Company
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Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E	X 1,000	MTBE 20	Ethanol --
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-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	---	---
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-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	---	---

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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-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	--
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	--

Groundwater Analytical Data
Phillips 66 Company
Renton Terminal
Renton, Washington

Sample Location	Date	HYDROCARBONS			PRIMARY VOCs				OXYGENATES	
		TPHg 800	TPHd 500	TPHo 500	B 5	T 1,000	E 700	X 1,000	MTBE 20	Ethanol --
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.
- (h) The observed sample pattern is not typical of #2 diesel fuel. It elutes in the DRO range earlier than #2 fuel.
- (i) Accurate surrogate recoveries could not be determined due to the dilution required for analysis of the sample.
- (j) 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.
- (k) The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.
- (l) Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.
- (m) The concentration reported for toluene is estimated since it exceeded the calibration range of the instrument.
- (n) Because only one sample vial was submitted for this analysis, a further diluted analysis could not be performed.
- (o) Insufficient water to fill all sample bottles.
- (p) The reporting limits for the GC/MS volatile compounds were raised due to sample foaming.
- (q) Due to excessive foaming of the sample, normal reporting limits were not attained.
- (r) Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.
- (s) Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.
- (t) The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.
- (u) Due to insufficient sample size, we were unable to report our usual reporting limits. The values reported represent the lowest reporting limits attainable.
- (v) 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.
- (w) Well LAIx-2 labeled LAI-2 in the analytical report and Chain-Of-Custody.
- (x) Well LAIx-3 labeled LAI-2 in the analytical report and Chain-Of-Custody.
- (y) Ethanol sampled 3Q08 and 1Q09
- (z) 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.
- (1) The GC/MS volatile results were obtained from a vial with headspace.
- (2) The initial analyses of this sample were unable to be reported due to carryover issues and QC spiking
- (3) The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.
- (4) The analytical data is from Acton Mickelson Environmental, Inc. sampling on 8/26/2008 and 8/27/2008.
- (5) A-01 Contamination elutes between C18 and C40 and does not match any standards in TestAmerica's reference library.
- (6) A-01a Contamination elutes between C8 and C18 and does not match any standards in TestAmerica's reference library.
- (7) A-01b Contamination elutes between C8 and C28 and does not match any standards in TestAmerica's reference library.
- (8) A-01c Contamination elutes between C8 and C40 and does not match any standards in TestAmerica's reference library.
- (9) M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
- (10) RL1 Reporting limit raised due to sample matrix effects.
- (11) H1 = Analysis conducted outside the EPA method holding time.
- (12) 2n = The internal standard response is outside the QC criteria. Results may be biased low.
- (13) Sample was diluted due to the presence of high levels of target analytes.
- (14) Analyte concentration exceeded the calibration range. The reported result is estimated.
- (15) Result confirmed by second analysis.
- (16) Matrix Spike recovery exceeded the QC limits. Batch accepted based on laboratory control sample recovery.
- (17) This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimate.

Appendices

Appendix A

O&M Laboratory Analytical Reports

January 17, 2019

Jeff Gaarder
GHD
20818 44th Ave West
Suite 190
Lynnwood, WA 98036

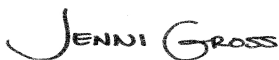
RE: Project: 70496
Pace Project No.: 10461136

Dear Jeff Gaarder:

Enclosed are the analytical results for sample(s) received by the laboratory on January 11, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Gross
jennifer.gross@pacelabs.com
(206)957-2426
Project Manager

Enclosures

cc: Christina McClelland, GHD Services, Inc.
Accounts Payable, GHD_Conoco Phillips



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 70496
Pace Project No.: 10461136

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 70496
Pace Project No.: 10461136

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10461136004	A-010919-JRL-EFF	Air	01/09/19 11:45	01/11/19 09:20
10461136001	A-010919-JRL-EFF CERT 2986	Air	01/09/19 11:45	01/11/19 09:20
10461136002	A-010919-JRL-INF	Air	01/09/19 11:53	01/11/19 09:20
10461136003	A-010919-JRL-INF CERT 2974	Air	01/09/19 11:53	01/11/19 09:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 70496
Pace Project No.: 10461136

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10461136004	A-010919-JRL-EFF	TO-15	MG2	6	PASI-M
10461136001	A-010919-JRL-EFF CERT 2986	TO-15	AFV	5	PASI-M
10461136002	A-010919-JRL-INF	TO-15	MG2	6	PASI-M
10461136003	A-010919-JRL-INF CERT 2974	TO-15	CH1	5	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496
Pace Project No.: 10461136

Sample: A-010919-JRL-EFF		Lab ID: 10461136004		Collected: 01/09/19 11:45	Received: 01/11/19 09:20	Matrix: Air		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
Benzene	2.9	ppbv	0.21	2.1		01/16/19 20:36	71-43-2	
Ethylbenzene	ND	ppbv	0.42	2.1		01/16/19 20:36	100-41-4	
THC as Gas	642	ppbv	50.2	2.1		01/16/19 20:36		N2
Toluene	3.1	ppbv	0.42	2.1		01/16/19 20:36	108-88-3	
m&p-Xylene	1.6	ppbv	0.84	2.1		01/16/19 20:36	179601-23-1	
o-Xylene	0.72	ppbv	0.42	2.1		01/16/19 20:36	95-47-6	

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ANALYTICAL RESULTS

Project: 70496
Pace Project No.: 10461136

Sample: A-010919-JRL-EFF CERT **Lab ID:** 10461136001 Collected: 01/09/19 11:45 Received: 01/11/19 09:20 Matrix: Air
2986

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification		Analytical Method: TO-15						
Benzene	ND	ug/m3	0.32	1		11/09/18 09:37	71-43-2	
Ethylbenzene	ND	ug/m3	0.88	1		11/09/18 09:37	100-41-4	
Toluene	ND	ug/m3	0.77	1		11/09/18 09:37	108-88-3	
m&p-Xylene	ND	ug/m3	1.8	1		11/09/18 09:37	179601-23-1	
o-Xylene	ND	ug/m3	0.88	1		11/09/18 09:37	95-47-6	

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ANALYTICAL RESULTS

Project: 70496
Pace Project No.: 10461136

Sample: A-010919-JRL-INF		Lab ID: 10461136002	Collected: 01/09/19 11:53	Received: 01/11/19 09:20	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	415	ppbv	20.2	201.6		01/16/19 21:03	71-43-2	
Ethylbenzene	187	ppbv	40.3	201.6		01/16/19 21:03	100-41-4	
THC as Gas	19300	ppbv	4820	201.6		01/16/19 21:03		N2
Toluene	1230	ppbv	40.3	201.6		01/16/19 21:03	108-88-3	
m&p-Xylene	777	ppbv	80.6	201.6		01/16/19 21:03	179601-23-1	
o-Xylene	283	ppbv	40.3	201.6		01/16/19 21:03	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496
Pace Project No.: 10461136

Sample: A-010919-JRL-INF CERT **Lab ID:** 10461136003 Collected: 01/09/19 11:53 Received: 01/11/19 09:20 Matrix: Air
2974

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification		Analytical Method: TO-15						
Benzene	ND	ug/m3	0.32	1		06/22/18 10:38	71-43-2	
Ethylbenzene	ND	ug/m3	0.88	1		06/22/18 10:38	100-41-4	
Toluene	ND	ug/m3	0.77	1		06/22/18 10:38	108-88-3	
m&p-Xylene	ND	ug/m3	1.8	1		06/22/18 10:38	179601-23-1	
o-Xylene	ND	ug/m3	0.88	1		06/22/18 10:38	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70496
Pace Project No.: 10461136

QC Batch: 585785 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR
Associated Lab Samples: 10461136002, 10461136004

METHOD BLANK: 3172490 Matrix: Air
Associated Lab Samples: 10461136002, 10461136004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ppbv	ND	0.050	01/16/19 08:12	
Ethylbenzene	ppbv	ND	0.10	01/16/19 08:12	
m&p-Xylene	ppbv	ND	0.20	01/16/19 08:12	
o-Xylene	ppbv	ND	0.10	01/16/19 08:12	
THC as Gas	ppbv	ND	12.0	01/16/19 08:12	N2
Toluene	ppbv	ND	0.10	01/16/19 08:12	

LABORATORY CONTROL SAMPLE: 3172491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ppbv	10	10.2	102	70-130	
Ethylbenzene	ppbv	10	12.8	128	67-131	
m&p-Xylene	ppbv	20	21.4	107	70-132	
o-Xylene	ppbv	10	12.5	125	70-130	
THC as Gas	ppbv	944	1230	130	64-140	N2
Toluene	ppbv	10	12.5	125	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: 70496
Pace Project No.: 10461136

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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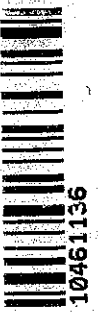
QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 70496
Pace Project No.: 10461136

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10461136002	A-010919-JRL-INF	TO-15	585785		
10461136004	A-010919-JRL-EFF	TO-15	585785		
10461136001	A-010919-JRL-EFF CERT 2986	TO-15	585339		
10461136003	A-010919-JRL-INF CERT 2974	TO-15	585339		

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CHAIN-OF-CUSTODY / Analytical Request Document
 The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed.

Page: 1 Of 1

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	GHD Services, Inc.	Report To:	Jeff Gaarder	Attention:	Jeff Gaarder
Address:	20818 44th Avenue West, Suite 190 Lynnwood, WA 98036	Copy To:	Christina McClelland	Company Name:	GHD Services, Inc.
Email To:	jeff.gaarder@ghd.com, christina.mcclelland@ghd.com	Purchase Order No.:	70496	Address:	2055 Niagara Falls Boulevard Suite #3, Niagara Falls, New York, 14504
Phone:	(425) 563-6502	Client Project ID:	70496	Pages Quote Reference:	
Requested Due Date/TAX:	Standard	Container Order Number:		Face Project Manager:	Jennifer Gross
				Face Profile #:	
				State / Location:	
				Regulated Analysis Filtered (Y/N)	

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analyses Test	Residual Chlorine (Y/N)	TANK #						
			START	END												
			DATE	TIME	DATE	TIME	H2SO4	HNO3	HCl	NaOH	Na2SO3	Methanol	Other	BTEX (TO-15)	NMTPH-GX (TPH)	
1	A-010919 - JEL-08 EFF	OT G	7/9/19	115		1	X							X	X	2986
2	A-010919 - JEL-08 INF	OT G	7/29/19	153		1	X							X	X	2974
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	TEMP In C	Received on Ice (Y/N)	Custody Sealed (Y/N)	Samples Intact (Y/N)
<i>Jeff Gaarder</i> GHD	7/9/19	1400	<i>Jeff Gaarder</i>	7/11/19	920	- N N Y				
ADDITIONAL COMMENTS										
GHD MONTHLY										
SAMPLER NAME AND SIGNATURE										
PRINT Name of SAMPLER: <i>JOE GAWARDNER</i>										
SIGNATURE of SAMPLER: <i>[Signature]</i>										
DATE Signed: 7-9-19										

001 002 004 001
 003 004 002 003
 011119 CS



Document Name:
Air Sample Condition Upon Receipt

Document No.:
F-MN-A-106-rev.16

Document Revised: 11Oct2018
Page 1 of 1

Issuing Authority:
Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: GHD

Project #: _____

WO# : 10461136

PM: JMG Due Date: 01/18/19

CLIENT: GHD_COP

Courier: Fed Ex UPS Speedee Client
 Commercial Pace Other: _____

Tracking Number: 4545 9908 4014

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Optional: Proj. Due Date: _____ Proj. Name: _____

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____

Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X Thermom. Used: G87A9170600254
 G87A9155100842

Temp should be above freezing to 6°C Correction Factor: X Date & Initials of Person Examining Contents: 1-11-19 JMG

Type of ice Received Blue Wet None

			Comments:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		1.
Chain of Custody Filled Out?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		10.
Media: <u>Air Can</u> Airbag Filter TDT Passive			11. individually Certified Cans <u>Y</u> N (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		12.

Samples Received: Stand alone gases Pressure Gauge # 10AIR35

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
<u>EFF</u>			<u>-6</u>	<u>+10</u>					
<u>INF</u>			<u>0</u>	<u>"</u>					

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Field Data Required? Yes No

Project Manager Review: JENNI GROSS Date: 01/11/19

Note: Whenever there is a discrepancy affecting North samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



ANALYTICAL RESULTS

Client: GHD_Phillips 66 Company
 Phone: 1(253)302-8281

Lab Project Number: 10461136
 Project Name: 70496

Lab Sample No: 10461136002 ProjSampleNum: 10461136002 Date Collected: 01/09/19 11:53
 Client Sample ID: A-010919-JRL-INF Matrix: Air Date Received: 01/11/19 9:20

Parameters	Report Limit ppbv	Results ppbv	Report Limit ug/m3	Results ug/m3	DF	Analyzed	CAS No.
Air							
TO-15							
Benzene	20.2	415	65.6	1350	201.6	01/16/19 21:03 MG2	71-43-2
Ethylbenzene	40.3	187	178	825	201.6	01/16/19 21:03 MG2	100-41-4
m&p-Xylene	80.6	777	356	3430	201.6	01/16/19 21:03 MG2	179601-23-1
o-Xylene	40.3	283	178	1250	201.6	01/16/19 21:03 MG2	95-47-6
THC as Gas	4820	19300	20900	83800	201.6	01/16/19 21:03 MG2	
Toluene	40.3	1230	154	4710	201.6	01/16/19 21:03 MG2	108-88-3

Lab Sample No: 10461136004 ProjSampleNum: 10461136004 Date Collected: 01/09/19 11:45
 Client Sample ID: A-010919-JRL-EFF Matrix: Air Date Received: 01/11/19 9:20

Parameters	Report Limit ppbv	Results ppbv	Report Limit ug/m3	Results ug/m3	DF	Analyzed	CAS No.
Air							
TO-15							
Benzene	0.21	2.9	0.68	9.4	2.1	01/16/19 20:36 MG2	71-43-2
Ethylbenzene	0.42	ND	1.9	ND	2.1	01/16/19 20:36 MG2	100-41-4
m&p-Xylene	0.84	1.6	3.7	7.1	2.1	01/16/19 20:36 MG2	179601-23-1
o-Xylene	0.42	0.72	1.9	3.2	2.1	01/16/19 20:36 MG2	95-47-6
THC as Gas	50.2	642	218	2790	2.1	01/16/19 20:36 MG2	
Toluene	0.42	3.1	1.6	11.9	2.1	01/16/19 20:36 MG2	108-88-3

SUPPLEMENTAL REPORT

Units Conversion Request

January 21, 2019

Christina McClelland
GHD Services, Inc.
20818 44th Ave W
Suite 190
Lynnwood, WA 98036

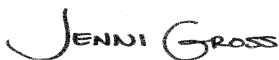
RE: Project: 70496.17
Pace Project No.: 10461026

Dear Christina McClelland:

Enclosed are the analytical results for sample(s) received by the laboratory on January 10, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Gross
jennifer.gross@pacelabs.com
(206)957-2426
Project Manager

Enclosures

cc: Thuan Bui, GHD
Eric Maise, GHD Services Inc.
Accounts Payable, GHD_Conoco Phillips



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 70496.17

Pace Project No.: 10461026

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

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SAMPLE SUMMARY

Project: 70496.17

Pace Project No.: 10461026

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10461026001	GW-010919-JRL-INF 1	Water	01/09/19 11:15	01/10/19 09:45
10461026002	GW-010919-JRL-INF 2	Water	01/09/19 11:00	01/10/19 09:45
10461026003	GW-010919-JRL-MID 1	Water	01/09/19 10:45	01/10/19 09:45
10461026004	GW-010919-JRL-MID 2	Water	01/09/19 10:30	01/10/19 09:45
10461026005	GW-010919-JRL-Total EFF	Water	01/09/19 09:30	01/10/19 09:45
10461026006	GW-010919-JRL-Total EFF 1	Water	01/09/19 09:30	01/10/19 09:45
10461026007	GW-010919-JRL-Total EFF 2	Water	01/09/19 09:45	01/10/19 09:45
10461026008	GW-010919-JRL-Total EFF 3	Water	01/09/19 10:00	01/10/19 09:45
10461026009	GW-010919-JRL-Total EFF 4	Water	01/09/19 10:15	01/10/19 09:45
10461026010	GW-010919-JRL-Total EFF 1-4	Water	01/09/19 10:15	01/10/19 09:45
10461026011	GW-010919-JRL-Total EFF 5	Water	01/09/19 09:30	01/10/19 09:45
10461026012	GW-010919-JRL-Total EFF 6	Water	01/09/19 09:45	01/10/19 09:45
10461026013	GW-010919-JRL-Total EFF 7	Water	01/09/19 10:00	01/10/19 09:45
10461026014	GW-010919-JRL-Total EFF 5-7	Water	01/09/19 10:00	01/10/19 09:45
10461026015	Trip Blank	Water	01/09/19 00:00	01/10/19 09:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 70496.17
Pace Project No.: 10461026

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10461026001	GW-010919-JRL-INF 1	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	AEZ	7	PASI-M
10461026002	GW-010919-JRL-INF 2	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	AEZ	7	PASI-M
10461026003	GW-010919-JRL-MID 1	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	AEZ	7	PASI-M
10461026004	GW-010919-JRL-MID 2	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	AEZ	7	PASI-M
10461026005	GW-010919-JRL-Total EFF	NWTPH-Dx	EC2	4	PASI-M
10461026010	GW-010919-JRL-Total EFF 1-4	NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	AEZ	7	PASI-M
10461026014	GW-010919-JRL-Total EFF 5-7	EPA 1664A OG	AR3	1	PASI-M
10461026015	Trip Blank	NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	AEZ	7	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10461026

Sample: GW-010919-JRL-INF 1	Lab ID: 10461026001	Collected: 01/09/19 11:15	Received: 01/10/19 09:45	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	1.7	mg/L	0.40	1	01/10/19 17:10	01/11/19 12:02	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.40	1	01/10/19 17:10	01/11/19 12:02	64742-65-0	
Surrogates								
o-Terphenyl (S)	67	%	50-150	1	01/10/19 17:10	01/11/19 12:02	84-15-1	
n-Triacontane (S)	72	%	50-150	1	01/10/19 17:10	01/11/19 12:02	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	31400	ug/L	2500	25		01/12/19 01:29		
Surrogates								
a,a,a-Trifluorotoluene (S)	85	%	50-150	25		01/12/19 01:29	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	1750	ug/L	25.0	25		01/16/19 01:39	71-43-2	
Ethylbenzene	51.7	ug/L	25.0	25		01/16/19 01:39	100-41-4	
Toluene	2830	ug/L	25.0	25		01/16/19 01:39	108-88-3	
Xylene (Total)	3510	ug/L	75.0	25		01/16/19 01:39	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	75-125	25		01/16/19 01:39	17060-07-0	
Toluene-d8 (S)	98	%	75-125	25		01/16/19 01:39	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125	25		01/16/19 01:39	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10461026

Sample: GW-010919-JRL-INF 2		Lab ID: 10461026002	Collected: 01/09/19 11:00	Received: 01/10/19 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	0.99	mg/L	0.38	1	01/10/19 17:10	01/11/19 12:25	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.38	1	01/10/19 17:10	01/11/19 12:25	64742-65-0	
Surrogates								
o-Terphenyl (S)	67	%.	50-150	1	01/10/19 17:10	01/11/19 12:25	84-15-1	
n-Triacontane (S)	76	%.	50-150	1	01/10/19 17:10	01/11/19 12:25	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	1080	ug/L	100	1		01/12/19 01:12		
Surrogates								
a,a,a-Trifluorotoluene (S)	83	%.	50-150	1		01/12/19 01:12	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	10.8	ug/L	1.0	1		01/16/19 01:22	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		01/16/19 01:22	100-41-4	
Toluene	4.7	ug/L	1.0	1		01/16/19 01:22	108-88-3	
Xylene (Total)	143	ug/L	3.0	1		01/16/19 01:22	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%.	75-125	1		01/16/19 01:22	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1		01/16/19 01:22	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125	1		01/16/19 01:22	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10461026

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-010919-JRL-MID 1 Lab ID: 10461026003 Collected: 01/09/19 10:45 Received: 01/10/19 09:45 Matrix: Water								
NWTPH-Dx GCS Silica Gel LV Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C								
Diesel Fuel Range SG	ND	mg/L	0.39	1	01/10/19 17:10	01/11/19 12:36	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.39	1	01/10/19 17:10	01/11/19 12:36	64742-65-0	
Surrogates								
o-Terphenyl (S)	69	%	50-150	1	01/10/19 17:10	01/11/19 12:36	84-15-1	
n-Triacontane (S)	75	%	50-150	1	01/10/19 17:10	01/11/19 12:36	638-68-6	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx								
TPH as Gas	ND	ug/L	100	1		01/12/19 00:22		
Surrogates								
a,a,a-Trifluorotoluene (S)	86	%	50-150	1		01/12/19 00:22	98-08-8	
8260B MSV UST Analytical Method: EPA 8260B								
Benzene	9.7	ug/L	1.0	1		01/16/19 01:05	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		01/16/19 01:05	100-41-4	
Toluene	2.1	ug/L	1.0	1		01/16/19 01:05	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		01/16/19 01:05	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	75-125	1		01/16/19 01:05	17060-07-0	
Toluene-d8 (S)	98	%	75-125	1		01/16/19 01:05	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125	1		01/16/19 01:05	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10461026

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-010919-JRL-MID 2 Lab ID: 10461026004 Collected: 01/09/19 10:30 Received: 01/10/19 09:45 Matrix: Water								
NWTPH-Dx GCS Silica Gel LV Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C								
Diesel Fuel Range SG	ND	mg/L	0.39	1	01/10/19 17:10	01/11/19 12:47	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.39	1	01/10/19 17:10	01/11/19 12:47	64742-65-0	
Surrogates								
o-Terphenyl (S)	61	%	50-150	1	01/10/19 17:10	01/11/19 12:47	84-15-1	
n-Triacontane (S)	68	%	50-150	1	01/10/19 17:10	01/11/19 12:47	638-68-6	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx								
TPH as Gas	ND	ug/L	100	1		01/11/19 23:47		
Surrogates								
a,a,a-Trifluorotoluene (S)	87	%	50-150	1		01/11/19 23:47	98-08-8	
8260B MSV UST Analytical Method: EPA 8260B								
Benzene	ND	ug/L	1.0	1		01/16/19 00:48	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		01/16/19 00:48	100-41-4	
Toluene	ND	ug/L	1.0	1		01/16/19 00:48	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		01/16/19 00:48	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	75-125	1		01/16/19 00:48	17060-07-0	
Toluene-d8 (S)	98	%	75-125	1		01/16/19 00:48	2037-26-5	
4-Bromofluorobenzene (S)	104	%	75-125	1		01/16/19 00:48	460-00-4	

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10461026

Sample: GW-010919-JRL-Total EFF		Lab ID: 10461026005	Collected: 01/09/19 09:30	Received: 01/10/19 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.38	1	01/10/19 17:10	01/11/19 12:58	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.38	1	01/10/19 17:10	01/11/19 12:58	64742-65-0	
Surrogates								
o-Terphenyl (S)	73	%.	50-150	1	01/10/19 17:10	01/11/19 12:58	84-15-1	
n-Triacontane (S)	77	%.	50-150	1	01/10/19 17:10	01/11/19 12:58	638-68-6	

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10461026

Sample: GW-010919-JRL-Total EFF 1-4 **Lab ID:** 10461026010 Collected: 01/09/19 10:15 Received: 01/10/19 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		01/11/19 22:40		
Surrogates								
a,a,a-Trifluorotoluene (S)	85	%.	50-150	1		01/11/19 22:40	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		01/16/19 00:14	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		01/16/19 00:14	100-41-4	
Toluene	ND	ug/L	1.0	1		01/16/19 00:14	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		01/16/19 00:14	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%.	75-125	1		01/16/19 00:14	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1		01/16/19 00:14	2037-26-5	
4-Bromofluorobenzene (S)	86	%.	75-125	1		01/16/19 00:14	460-00-4	

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10461026

Sample: GW-010919-JRL-Total EFF 5-7 **Lab ID:** 10461026014 Collected: 01/09/19 10:00 Received: 01/10/19 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664A HEM, Oil and Grease								
Analytical Method: EPA 1664A OG								
Oil and Grease	ND	mg/L	1.6	1		01/21/19 09:33		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10461026

Sample: Trip Blank		Lab ID: 10461026015	Collected: 01/09/19 00:00	Received: 01/10/19 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		01/12/19 02:03		
Surrogates								
a,a,a-Trifluorotoluene (S)	82	%.	50-150	1		01/12/19 02:03	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		01/15/19 23:40	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		01/15/19 23:40	100-41-4	
Toluene	ND	ug/L	1.0	1		01/15/19 23:40	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		01/15/19 23:40	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%.	75-125	1		01/15/19 23:40	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1		01/15/19 23:40	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		01/15/19 23:40	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10461026

QC Batch: 585070 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10461026001, 10461026002, 10461026003, 10461026004, 10461026010, 10461026015

METHOD BLANK: 3169415 Matrix: Water
Associated Lab Samples: 10461026001, 10461026002, 10461026003, 10461026004, 10461026010, 10461026015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	01/11/19 22:23	
a,a,a-Trifluorotoluene (S)	%.	88	50-150	01/11/19 22:23	

LABORATORY CONTROL SAMPLE & LCSD: 3169417 3169418

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	940	961	94	96	75-125	2	20	
a,a,a-Trifluorotoluene (S)	%.				98	95	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3169453 3169454

Parameter	Units	10461026010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	ug/L	ND	1000	1000	1050	1070	105	107	75-125	2	30	
a,a,a-Trifluorotoluene (S)	%.						96	97	50-150			

SAMPLE DUPLICATE: 3169456

Parameter	Units	10461026004 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	ND		30	
a,a,a-Trifluorotoluene (S)	%.	87	84	3		

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10461026

QC Batch: 585691 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10461026001, 10461026002, 10461026003, 10461026004, 10461026010, 10461026015

METHOD BLANK: 3172120 Matrix: Water
Associated Lab Samples: 10461026001, 10461026002, 10461026003, 10461026004, 10461026010, 10461026015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	01/15/19 23:05	
Ethylbenzene	ug/L	ND	1.0	01/15/19 23:05	
Toluene	ug/L	ND	1.0	01/15/19 23:05	
Xylene (Total)	ug/L	ND	3.0	01/15/19 23:05	
1,2-Dichloroethane-d4 (S)	%	102	75-125	01/15/19 23:05	
4-Bromofluorobenzene (S)	%	101	75-125	01/15/19 23:05	
Toluene-d8 (S)	%	97	75-125	01/15/19 23:05	

LABORATORY CONTROL SAMPLE: 3172121

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	20.5	102	75-125	
Ethylbenzene	ug/L	20	20.1	101	75-125	
Toluene	ug/L	20	19.2	96	75-125	
Xylene (Total)	ug/L	60	59.4	99	75-125	
1,2-Dichloroethane-d4 (S)	%			99	75-125	
4-Bromofluorobenzene (S)	%			99	75-125	
Toluene-d8 (S)	%			101	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3172122 3172123

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		10461463001 Result	Spike Conc.	Spike Conc.	MS Result						
Benzene	ug/L	ND	20	20	20.3	20.6	102	103	30-150	2	30
Ethylbenzene	ug/L	ND	20	20	19.7	20.1	98	101	30-150	2	30
Toluene	ug/L	ND	20	20	18.6	19.4	93	97	30-150	4	30
Xylene (Total)	ug/L	ND	60	60	57.2	59.4	95	99	30-150	4	30
1,2-Dichloroethane-d4 (S)	%						98	100	75-125		
4-Bromofluorobenzene (S)	%						98	99	75-125		
Toluene-d8 (S)	%						98	99	75-125		

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10461026

QC Batch: 584956 Analysis Method: NWTPH-Dx
QC Batch Method: EPA Mod. 3510C Analysis Description: NWTPH-Dx GCS LV SG
Associated Lab Samples: 10461026001, 10461026002, 10461026003, 10461026004, 10461026005

METHOD BLANK: 3168701 Matrix: Water
Associated Lab Samples: 10461026001, 10461026002, 10461026003, 10461026004, 10461026005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel Range SG	mg/L	ND	0.40	01/11/19 11:28	
Motor Oil Range SG	mg/L	ND	0.40	01/11/19 11:28	
n-Triacontane (S)	%.	67	50-150	01/11/19 11:28	
o-Terphenyl (S)	%.	69	50-150	01/11/19 11:28	

LABORATORY CONTROL SAMPLE & LCSD: 3168702

Parameter	Units	3168703							RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits				
Diesel Fuel Range SG	mg/L	2	1.4	1.5	71	73	50-150	2	20		
Motor Oil Range SG	mg/L	2	1.4	1.5	71	73	50-150	4	20		
n-Triacontane (S)	%.				61	68	50-150				
o-Terphenyl (S)	%.				68	69	50-150				

SAMPLE DUPLICATE: 3168704

Parameter	Units	10461026001 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Fuel Range SG	mg/L	1.7	1.8	5	30	
Motor Oil Range SG	mg/L	ND	ND		30	
n-Triacontane (S)	%.	72	73	1		
o-Terphenyl (S)	%.	67	68	0		

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QUALITY CONTROL DATA

Project: 70496.17

Pace Project No.: 10461026

QC Batch: 586131	Analysis Method: EPA 1664A OG
QC Batch Method: EPA 1664A OG	Analysis Description: 1664A HEM, Oil and Grease
Associated Lab Samples: 10461026014	

METHOD BLANK: 3174010 Matrix: Water
Associated Lab Samples: 10461026014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	01/21/19 08:43	

LABORATORY CONTROL SAMPLE & LCSD: 3174011 3174012

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	40	38.6	38.7	96	97	78-114	0	18	

MATRIX SPIKE SAMPLE: 3174013

Parameter	Units	10461068004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	9.4	38.8	16.1	17	78-114	M1

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QUALIFIERS

Project: 70496.17

Pace Project No.: 10461026

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 586131

[BE] Batch extracted by solid phase extraction (SPE).

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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METHOD CROSS REFERENCE TABLE

Project: 70496.17
Pace Project No.: 10461026

Parameter	Matrix	Analytical Method	Preparation Method
8260B MSV UST	Water	SW-846 8260B/5030B	N/A

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 70496.17

Pace Project No.: 10461026

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10461026001	GW-010919-JRL-INF 1	EPA Mod. 3510C	584956	NWTPH-Dx	585101
10461026002	GW-010919-JRL-INF 2	EPA Mod. 3510C	584956	NWTPH-Dx	585101
10461026003	GW-010919-JRL-MID 1	EPA Mod. 3510C	584956	NWTPH-Dx	585101
10461026004	GW-010919-JRL-MID 2	EPA Mod. 3510C	584956	NWTPH-Dx	585101
10461026005	GW-010919-JRL-Total EFF	EPA Mod. 3510C	584956	NWTPH-Dx	585101
10461026001	GW-010919-JRL-INF 1	NWTPH-Gx	585070		
10461026002	GW-010919-JRL-INF 2	NWTPH-Gx	585070		
10461026003	GW-010919-JRL-MID 1	NWTPH-Gx	585070		
10461026004	GW-010919-JRL-MID 2	NWTPH-Gx	585070		
10461026010	GW-010919-JRL-Total EFF 1-4	NWTPH-Gx	585070		
10461026015	Trip Blank	NWTPH-Gx	585070		
10461026001	GW-010919-JRL-INF 1	EPA 8260B	585691		
10461026002	GW-010919-JRL-INF 2	EPA 8260B	585691		
10461026003	GW-010919-JRL-MID 1	EPA 8260B	585691		
10461026004	GW-010919-JRL-MID 2	EPA 8260B	585691		
10461026010	GW-010919-JRL-Total EFF 1-4	EPA 8260B	585691		
10461026015	Trip Blank	EPA 8260B	585691		
10461026014	GW-010919-JRL-Total EFF 5-7	EPA 1664A OG	586131		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GHD Services, Inc.	Report To:	Christina McClelland	Attention:	Christina McClelland
Address:	20818 44th Avenue West, Suite 190 Lynnwood, WA 98036	Copy To:	Eric Maise and Thuan Bui	Company Name:	GHD Services, Inc.
Email To:	christina.mcclelland@ghd.com, eric.maise@ghd.com, thuan.bui@ghd.com	Purchase Order No.:		Address:	2055 Niagara Falls Boulevard Suite #3, Niagara Falls, New York, 14304
Phone:	(425)663-6502	Client Project ID:	70496-17	Pace Project Manager:	Jennifer Gross
Requested Due Date/TAT:	Standard	Container Order Number:		Pace Profile #:	
				State / Location:	

Page: 1 Of 1

WO#: 10461026

ITEM#	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G-GRAB C-COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analytes Test				Residual Chlorine (Y/N)	
					START DATE	END DATE											TPH (NWTPH-GX)	TPH (NWTPH-DX) with Silica Gel	BTEX (EPA 8260)	FOG 1694		
1	GW-D10919	-JEL-INF 1	WT G	G	1/9/19	1015		8				X					X	X	X	X		001
2	GW-D10919	-JEL-INF 2	WT G	G	1/9/19	1000		8				X					X	X	X	X		002
3	GW-D10919	-JEL-MID 1	WT G	G	1/9/19	1045		8				X					X	X	X	X		003
4	GW-D10919	-JEL-MID 2	WT G	G	1/9/19	0930		8				X					X	X	X	X		004
5	GW-D10919	-JEL-Total EFF 1	WT G	G	1/9/19	0930		2				X					X	X	X	X		005
6	GW-D10919	-JEL-Total EFF 2	WT G	G	1/9/19	0945		2				X					X	X	X	X		006
7	GW-D10919	-JEL-Total EFF 3	WT G	G	1/9/19	0900		2				X					X	X	X	X		007
8	GW-D10919	-JEL-Total EFF 4	WT G	G	1/9/19	1015		2				X					X	X	X	X		008
9	GW-D10919	-JEL-Total EFF 5	WT G	G	1/9/19	0950		1				X					X	X	X	X		009
10	GW-D10919	-JEL-Total EFF 6	WT G	G	1/9/19	0945		1				X					X	X	X	X		010
11	GW-D10919	-JEL-Total EFF 7	WT G	G	1/9/19	1000		1				X					X	X	X	X		011
																						012

REMOVED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	TEMP in C	Received on Ice (Y/N)	Custody Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
<i>[Signature]</i> GHD	1/9/19	1400	<i>[Signature]</i> Pace	01/10/19	9:45	Y	0.3	Y	Y	Y	Y

Signature of Sampler: *[Signature]*
 PRINT Name of Sampler: JEN ANDRUSIA
 DATE Signed: 01-09-19

Sample Condition Upon Receipt

Client Name: GHD Services Project #: _____

WO#: 10461026
 PM: JMG Due Date: 01/23/19
 CLIENT: GHD_COP

Courier: Fed Ex UPS USPS Client
 Commercial Pace SpeeDee Other: _____
 Tracking Number: 4486 7741 830

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No
 Optional: Proj. Due Date: _____ Proj. Name: _____

Packing Material: Bubble Wrap Bubble Bags None Other: _____ Temp Blank? Yes No

Thermometer Used: G87A9170600254 G87A9155100842
 Type of Ice: Wet Blue None Dry Melted

Cooler Temp Read (°C): 0.3 Cooler Temp Corrected (°C): 0.3 Biological Tissue Frozen? Yes No N/A
 Temp should be above freezing to 6°C Correction Factor: 0.0 Date and Initials of Person Examining Contents: 01/10/19 CS

USDA Regulated Soil (N/A, water sample)
 Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? Yes No
 Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
 If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

	COMMENTS:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered Volume Received for Dissolved Tests? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container
Is sufficient information available to reconcile the samples to the COC? Matrix: <u>WT</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
All containers needing acid/base preservation have been checked? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , <2pH, NaOH >9 Sulfide, NaOH >12 Cyanide) Exceptions: <u>VOA</u> Colliform, TOC/DOC Oil and Grease, <u>DRO</u> B015 (water) and Dioxin/PFAS <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Sample # _____ Initial when completed: _____ Lot # of added preservative: _____
Headspace in VOA Vials (>6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14. <u>see exceptions</u>
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>NA</u>	

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: _____ Date/Time: _____ Field Data Required? Yes No
 Comments/Resolution: _____

Project Manager Review:

Note: Whenever there is a discrepancy affecting North Carolina samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers). JENNI GROSS Date: 01/10/19

Labeled by: CS

Sample ID	Headspace greater than 6mm	Headspace less than 6mm	No Headspace	Total Vials	Sediment Present?
INF 1	0	0	6	6	N
" 2	0	0	6	6	N
MIP 1	0	0	6	6	N
" 2	0	0	6	6	N
EFF 1	0	0	2	2	N
" 2	0	0	2	2	N
" 3	0	0	2	2	N
" 4	0	0	2	2	N
Blank	0	2	2	4	N

February 22, 2019

Jeff Gaarder
GHD
20818 44th Ave West
Suite 190
Lynnwood, WA 98036

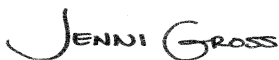
RE: Project: 70496
Pace Project No.: 10464248

Dear Jeff Gaarder:

Enclosed are the analytical results for sample(s) received by the laboratory on February 15, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Gross
jennifer.gross@pacelabs.com
(206)957-2426
Project Manager

Enclosures

cc: Christina McClelland, GHD Services, Inc.
Accounts Payable, GHD_Conoco Phillips



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: 70496
Pace Project No.: 10464248

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 70496
Pace Project No.: 10464248

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10464248001	A-021419-JRL-INF	Air	02/14/19 08:50	02/15/19 08:50
10464248002	A-021419-JRL-EFF	Air	02/14/19 08:45	02/15/19 08:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 70496
Pace Project No.: 10464248

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10464248001	A-021419-JRL-INF	TO-15	MG2	6	PASI-M
10464248002	A-021419-JRL-EFF	TO-15	AFV	6	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496
Pace Project No.: 10464248

Sample: A-021419-JRL-INF		Lab ID: 10464248001	Collected: 02/14/19 08:50	Received: 02/15/19 08:50	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	11000	ppbv	131	1310		02/22/19 12:23	71-43-2	A4
Ethylbenzene	5460	ppbv	262	1310		02/22/19 12:23	100-41-4	
THC as Gas	613000	ppbv	31300	1310		02/22/19 12:23		A4,N2
Toluene	36100	ppbv	262	1310		02/22/19 12:23	108-88-3	
m&p-Xylene	29000	ppbv	524	1310		02/22/19 12:23	179601-23-1	
o-Xylene	9580	ppbv	262	1310		02/22/19 12:23	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496
Pace Project No.: 10464248

Sample: A-021419-JRL-EFF		Lab ID: 10464248002	Collected: 02/14/19 08:45	Received: 02/15/19 08:50	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
Benzene	1.4	ppbv	0.28	2.8		02/21/19 00:01	71-43-2	A4
Ethylbenzene	1.1	ppbv	0.56	2.8		02/21/19 00:01	100-41-4	
THC as Gas	743	ppbv	66.9	2.8		02/21/19 00:01		A4,N2
Toluene	4.7	ppbv	0.56	2.8		02/21/19 00:01	108-88-3	
m&p-Xylene	5.6	ppbv	1.1	2.8		02/21/19 00:01	179601-23-1	
o-Xylene	2.4	ppbv	0.56	2.8		02/21/19 00:01	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70496
Pace Project No.: 10464248

QC Batch: 590690	Analysis Method: TO-15
QC Batch Method: TO-15	Analysis Description: TO15 MSV AIR
Associated Lab Samples: 10464248002	

METHOD BLANK: 3194556 Matrix: Air
Associated Lab Samples: 10464248002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ppbv	ND	0.10	02/20/19 10:50	
Ethylbenzene	ppbv	ND	0.20	02/20/19 10:50	
m&p-Xylene	ppbv	ND	0.40	02/20/19 10:50	
o-Xylene	ppbv	ND	0.20	02/20/19 10:50	
THC as Gas	ppbv	ND	23.9	02/20/19 10:50	N2
Toluene	ppbv	ND	0.20	02/20/19 10:50	

LABORATORY CONTROL SAMPLE: 3194557

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ppbv	10	9.7	97	70-130	
Ethylbenzene	ppbv	10	10.1	101	67-131	
m&p-Xylene	ppbv	20	18.9	94	70-132	
o-Xylene	ppbv	10	9.8	98	70-130	
THC as Gas	ppbv	1120	942	84	64-140	N2
Toluene	ppbv	10	10.2	102	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70496
Pace Project No.: 10464248

QC Batch: 590836	Analysis Method: TO-15
QC Batch Method: TO-15	Analysis Description: TO15 MSV AIR
Associated Lab Samples: 10464248001	

METHOD BLANK: 3195128 Matrix: Air
Associated Lab Samples: 10464248001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ppbv	ND	0.10	02/22/19 08:57	
Ethylbenzene	ppbv	ND	0.20	02/22/19 08:57	
m&p-Xylene	ppbv	ND	0.40	02/22/19 08:57	
o-Xylene	ppbv	ND	0.20	02/22/19 08:57	
THC as Gas	ppbv	ND	23.9	02/22/19 08:57	N2
Toluene	ppbv	ND	0.20	02/22/19 08:57	

LABORATORY CONTROL SAMPLE: 3195129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ppbv	10	10.2	102	70-130	
Ethylbenzene	ppbv	10	10.3	103	67-131	
m&p-Xylene	ppbv	20	20.5	103	70-132	
o-Xylene	ppbv	10	10.3	103	70-130	
THC as Gas	ppbv	1120	1110	99	64-140	N2
Toluene	ppbv	10	10.2	102	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 70496
Pace Project No.: 10464248

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

SAMPLE QUALIFIERS

Sample: 10464248001

[1] Sample was collected in a sampling bag. Sampling bags are not certified for volatile organic compound concentrations prior to sample collection.

Sample: 10464248002

[1] Sample was collected in a sampling bag. Sampling bags are not certified for volatile organic compound concentrations prior to sample collection.

ANALYTE QUALIFIERS

A4 Sample was transferred from a sampling bag into a Summa Canister within 48 hours of collection.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 70496
Pace Project No.: 10464248

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10464248001	A-021419-JRL-INF	TO-15	590836		
10464248002	A-021419-JRL-EFF	TO-15	590690		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Air Sample Condition Upon Receipt
 Document No.:
 F-MN-A-106-rev.18

Document Revised: 31Jan2019
 Page 1 of 1
 Issuing Authority:
 Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: GHD Project #: _____

WO#: 10464248

Courier: Fed Ex UPS USPS Client
 Pace Speedee Commercial See Exception

PM: JMG Due Date: 02/22/19
 CLIENT: GHD_COP

Tracking Number: 4486 7792 0591

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X Thermometer Used: G87A9170600254 G87A9155100842

Temp should be above freezing to 6°C Correction Factor: X Date & Initials of Person Examining Contents: 2-15-19 JMG

Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: Air Can <u>Airbag</u> Filter TDT Passive		11. Individually Certified Cans Y N (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized (3C and ASTM 1946 DO NOT PRESSURIZE)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	13.

Samples Received: _____ Pressure Gauge # 10AIR34 10AIR35

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure

CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No
 Person Contacted: _____ Date/Time: _____
 Comments/Resolution: _____

Project Manager Review: Jenni Gross Date: 02/15/19
 Note: Whenever there is a discrepancy affecting compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



ANALYTICAL RESULTS

Client: GHD_Phillips 66 Company
 Phone: 1(253)302-8281

Lab Project Number: 10464248
 Project Name: 70496

Lab Sample No: 10464248001 ProjSampleNum: 10464248001 Date Collected: 02/14/19 8:50
 Client Sample ID: A-021419-JRL-INF Matrix: Air Date Received: 02/15/19 8:50

Parameters	Report Limit ppbv	Results ppbv	Report Limit ug/m3	Results ug/m3	DF	Analyzed	CAS No.
Air							
TO-15							
Benzene	131	11000	425	35700	1310	02/22/19 12:23 MG2	71-43-2
Ethylbenzene	262	5460	1160	24100	1310	02/22/19 12:23 MG2	100-41-4
m&p-Xylene	524	29000	2310	128000	1310	02/22/19 12:23 MG2	179601-23-1
o-Xylene	262	9580	1160	42300	1310	02/22/19 12:23 MG2	95-47-6
THC as Gas	31300	613000	136000	2660000	1310	02/22/19 12:23 MG2	
Toluene	262	36100	1000	138000	1310	02/22/19 12:23 MG2	108-88-3

Lab Sample No: 10464248002 ProjSampleNum: 10464248002 Date Collected: 02/14/19 8:45
 Client Sample ID: A-021419-JRL-EFF Matrix: Air Date Received: 02/15/19 8:50

Parameters	Report Limit ppbv	Results ppbv	Report Limit ug/m3	Results ug/m3	DF	Analyzed	CAS No.
Air							
TO-15							
Benzene	0.28	1.4	0.91	4.5	2.8	02/21/19 0:01 AFV	71-43-2
Ethylbenzene	0.56	1.1	2.5	4.9	2.8	02/21/19 0:01 AFV	100-41-4
m&p-Xylene	1.1	5.6	4.9	24.7	2.8	02/21/19 0:01 AFV	179601-23-1
o-Xylene	0.56	2.4	2.5	10.6	2.8	02/21/19 0:01 AFV	95-47-6
THC as Gas	66.9	743	290	3220	2.8	02/21/19 0:01 AFV	
Toluene	0.56	4.7	2.1	18	2.8	02/21/19 0:01 AFV	108-88-3

SUPPLEMENTAL REPORT

Units Conversion Request

February 22, 2019

Christina McClelland
GHD Services, Inc.
20818 44th Ave W
Suite 190
Lynnwood, WA 98036

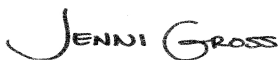
RE: Project: 70496.17
Pace Project No.: 10464368

Dear Christina McClelland:

Enclosed are the analytical results for sample(s) received by the laboratory on February 15, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Gross
jennifer.gross@pacelabs.com
(206)957-2426
Project Manager

Enclosures

cc: Thuan Bui, GHD
Eric Maise, GHD Services Inc.
Accounts Payable, GHD_Conoco Phillips



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 70496.17

Pace Project No.: 10464368

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 70496.17

Pace Project No.: 10464368

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10464368001	GW-021319-JRL-INF 1	Water	02/13/19 12:15	02/15/19 08:50
10464368002	GW-021319-JRL-INF 2	Water	02/13/19 12:00	02/15/19 08:50
10464368003	GW-021319-JRL-MID 1	Water	02/13/19 11:45	02/15/19 08:50
10464368004	GW-021319-JRL-MID 2	Water	02/13/19 11:30	02/15/19 08:50
10464368005	GW-021319-JRL-TOTAL EFF	Water	02/13/19 10:30	02/15/19 08:50
10464368006	GW-021319-JRL-TOTAL EFF 1	Water	02/13/19 10:30	02/15/19 08:50
10464368007	GW-021319-JRL-TOTAL EFF 2	Water	02/13/19 10:45	02/15/19 08:50
10464368008	GW-021319-JRL-TOTAL EFF 3	Water	02/13/19 11:00	02/15/19 08:50
10464368009	GW-021319-JRL-TOTAL EFF 4	Water	02/13/19 11:15	02/15/19 08:50
10464368010	GW-021319-JRL-TOTAL EFF 1-4	Water	02/13/19 11:15	02/15/19 08:50
10464368011	GW-021319-JRL-TOTAL EFF 5	Water	02/13/19 10:30	02/15/19 08:50
10464368012	GW-021319-JRL-TOTAL EFF 6	Water	02/13/19 10:45	02/15/19 08:50
10464368013	GW-021319-JRL-TOTAL EFF 7	Water	02/13/19 11:00	02/15/19 08:50
10464368014	GW-021319-JRL-TOTAL EFF 5-7	Water	02/13/19 11:00	02/15/19 08:50
10464368015	Trip Blank	Water	02/13/19 00:00	02/15/19 08:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 70496.17

Pace Project No.: 10464368

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10464368001	GW-021319-JRL-INF 1	NWTPH-Dx	ST1	4	PASI-M
		NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	MJD	7	PASI-M
10464368002	GW-021319-JRL-INF 2	NWTPH-Dx	ST1	4	PASI-M
		NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	MJD	7	PASI-M
10464368003	GW-021319-JRL-MID 1	NWTPH-Dx	ST1	4	PASI-M
		NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	MJD	7	PASI-M
10464368004	GW-021319-JRL-MID 2	NWTPH-Dx	ST1	4	PASI-M
		NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	MJD	7	PASI-M
10464368005	GW-021319-JRL-TOTAL EFF	NWTPH-Dx	ST1	4	PASI-M
10464368010	GW-021319-JRL-TOTAL EFF 1-4	NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	MJD	7	PASI-M
10464368014	GW-021319-JRL-TOTAL EFF 5-7	EPA 1664A OG	AR3	1	PASI-M
10464368015	Trip Blank	NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	MJD	7	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10464368

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-021319-JRL-INF 1 Lab ID: 10464368001 Collected: 02/13/19 12:15 Received: 02/15/19 08:50 Matrix: Water								
NWTPH-Dx GCS Silica Gel LV Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C								
Diesel Fuel Range SG	1.2	mg/L	0.39	1	02/15/19 17:29	02/17/19 10:30	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.39	1	02/15/19 17:29	02/17/19 10:30	64742-65-0	
Surrogates								
o-Terphenyl (S)	69	%	50-150	1	02/15/19 17:29	02/17/19 10:30	84-15-1	
n-Triacontane (S)	76	%	50-150	1	02/15/19 17:29	02/17/19 10:30	638-68-6	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx								
TPH as Gas	24500	ug/L	2500	25		02/19/19 22:43		
Surrogates								
a,a,a-Trifluorotoluene (S)	117	%	50-150	25		02/19/19 22:43	98-08-8	
8260B MSV UST Analytical Method: EPA 8260B								
Benzene	746	ug/L	10.0	10		02/21/19 13:30	71-43-2	
Ethylbenzene	10.5	ug/L	10.0	10		02/21/19 13:30	100-41-4	
Toluene	1090	ug/L	10.0	10		02/21/19 13:30	108-88-3	
Xylene (Total)	2620	ug/L	60.0	20		02/20/19 14:02	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	89	%	75-125	10		02/21/19 13:30	17060-07-0	
Toluene-d8 (S)	95	%	75-125	10		02/21/19 13:30	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125	10		02/21/19 13:30	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10464368

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-021319-JRL-INF 2 Lab ID: 10464368002 Collected: 02/13/19 12:00 Received: 02/15/19 08:50 Matrix: Water								
NWTPH-Dx GCS Silica Gel LV Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C								
Diesel Fuel Range SG	7.3	mg/L	0.38	1	02/15/19 17:29	02/17/19 10:48	68334-30-5	
Motor Oil Range SG	0.65	mg/L	0.38	1	02/15/19 17:29	02/17/19 10:48	64742-65-0	
Surrogates								
o-Terphenyl (S)	70	%	50-150	1	02/15/19 17:29	02/17/19 10:48	84-15-1	
n-Triacontane (S)	80	%	50-150	1	02/15/19 17:29	02/17/19 10:48	638-68-6	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx								
TPH as Gas	1890	ug/L	100	1		02/19/19 22:20		
Surrogates								
a,a,a-Trifluorotoluene (S)	114	%	50-150	1		02/19/19 22:20	98-08-8	
8260B MSV UST Analytical Method: EPA 8260B								
Benzene	17.5	ug/L	1.0	1		02/19/19 15:08	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/19/19 15:08	100-41-4	
Toluene	13.2	ug/L	1.0	1		02/19/19 15:08	108-88-3	
Xylene (Total)	257	ug/L	3.0	1		02/19/19 15:08	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	87	%	75-125	1		02/19/19 15:08	17060-07-0	
Toluene-d8 (S)	96	%	75-125	1		02/19/19 15:08	2037-26-5	
4-Bromofluorobenzene (S)	103	%	75-125	1		02/19/19 15:08	460-00-4	

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10464368

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-021319-JRL-MID 1 Lab ID: 10464368003 Collected: 02/13/19 11:45 Received: 02/15/19 08:50 Matrix: Water								
NWTPH-Dx GCS Silica Gel LV Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C								
Diesel Fuel Range SG	ND	mg/L	0.38	1	02/15/19 17:29	02/17/19 10:58	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.38	1	02/15/19 17:29	02/17/19 10:58	64742-65-0	
Surrogates								
o-Terphenyl (S)	78	%	50-150	1	02/15/19 17:29	02/17/19 10:58	84-15-1	
n-Triacontane (S)	79	%	50-150	1	02/15/19 17:29	02/17/19 10:58	638-68-6	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx								
TPH as Gas	ND	ug/L	100	1		02/20/19 22:22		
Surrogates								
a,a,a-Trifluorotoluene (S)	91	%	50-150	1		02/20/19 22:22	98-08-8	
8260B MSV UST Analytical Method: EPA 8260B								
Benzene	9.5	ug/L	1.0	1		02/19/19 14:34	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/19/19 14:34	100-41-4	
Toluene	2.3	ug/L	1.0	1		02/19/19 14:34	108-88-3	
Xylene (Total)	6.2	ug/L	3.0	1		02/19/19 14:34	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%	75-125	1		02/19/19 14:34	17060-07-0	
Toluene-d8 (S)	97	%	75-125	1		02/19/19 14:34	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125	1		02/19/19 14:34	460-00-4	

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10464368

Sample: GW-021319-JRL-MID 2	Lab ID: 10464368004	Collected: 02/13/19 11:30	Received: 02/15/19 08:50	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C							
Diesel Fuel Range SG	ND	mg/L	0.38	1	02/15/19 17:29	02/17/19 11:07	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.38	1	02/15/19 17:29	02/17/19 11:07	64742-65-0	
Surrogates								
o-Terphenyl (S)	60	%.	50-150	1	02/15/19 17:29	02/17/19 11:07	84-15-1	
n-Triacontane (S)	64	%.	50-150	1	02/15/19 17:29	02/17/19 11:07	638-68-6	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		02/19/19 21:08		
Surrogates								
a,a,a-Trifluorotoluene (S)	113	%.	50-150	1		02/19/19 21:08	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	1.5	ug/L	1.0	1		02/19/19 14:51	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/19/19 14:51	100-41-4	
Toluene	ND	ug/L	1.0	1		02/19/19 14:51	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		02/19/19 14:51	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	89	%.	75-125	1		02/19/19 14:51	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1		02/19/19 14:51	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1		02/19/19 14:51	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10464368

Sample: GW-021319-JRL-TOTAL **Lab ID:** 10464368005 Collected: 02/13/19 10:30 Received: 02/15/19 08:50 Matrix: Water
EFF

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV								
Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C								
Diesel Fuel Range SG	ND	mg/L	0.40	1	02/15/19 17:29	02/17/19 11:16	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.40	1	02/15/19 17:29	02/17/19 11:16	64742-65-0	
Surrogates								
o-Terphenyl (S)	80	%	50-150	1	02/15/19 17:29	02/17/19 11:16	84-15-1	
n-Triacontane (S)	85	%	50-150	1	02/15/19 17:29	02/17/19 11:16	638-68-6	

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10464368

Sample: GW-021319-JRL-TOTAL **Lab ID:** 10464368010 Collected: 02/13/19 11:15 Received: 02/15/19 08:50 Matrix: Water
EFF 1-4

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		02/19/19 21:33		
Surrogates								
a,a,a-Trifluorotoluene (S)	111	%.	50-150	1		02/19/19 21:33	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		02/19/19 14:17	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/19/19 14:17	100-41-4	
Toluene	ND	ug/L	1.0	1		02/19/19 14:17	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		02/19/19 14:17	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%.	75-125	1		02/19/19 14:17	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1		02/19/19 14:17	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1		02/19/19 14:17	460-00-4	

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10464368

Sample: GW-021319-JRL-TOTAL **Lab ID:** 10464368014 Collected: 02/13/19 11:00 Received: 02/15/19 08:50 Matrix: Water
EFF 5-7

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664A HEM, Oil and Grease								
Analytical Method: EPA 1664A OG								
Oil and Grease	ND	mg/L	1.7	1		02/21/19 12:41		

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10464368

Sample: Trip Blank		Lab ID: 10464368015	Collected: 02/13/19 00:00	Received: 02/15/19 08:50	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		02/19/19 23:31		
Surrogates								
a,a,a-Trifluorotoluene (S)	113	%.	50-150	1		02/19/19 23:31	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		02/19/19 12:18	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/19/19 12:18	100-41-4	
Toluene	ND	ug/L	1.0	1		02/19/19 12:18	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		02/19/19 12:18	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	93	%.	75-125	1		02/19/19 12:18	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1		02/19/19 12:18	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1		02/19/19 12:18	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10464368

QC Batch: 590393 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10464368001, 10464368002, 10464368004, 10464368010, 10464368015

METHOD BLANK: 3193351 Matrix: Water
Associated Lab Samples: 10464368001, 10464368002, 10464368004, 10464368010, 10464368015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	02/19/19 12:26	
a,a,a-Trifluorotoluene (S)	%.	105	50-150	02/19/19 12:26	

METHOD BLANK: 3193352 Matrix: Water
Associated Lab Samples: 10464368001, 10464368002, 10464368004, 10464368010, 10464368015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	02/19/19 12:50	
a,a,a-Trifluorotoluene (S)	%.	104	50-150	02/19/19 12:50	

LABORATORY CONTROL SAMPLE & LCSD: 3193353 3193354

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	944	1010	94	101	75-125	7	20	
a,a,a-Trifluorotoluene (S)	%.				90	112	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3193591 3193592

Parameter	Units	10464678001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	ug/L	59.6J	1000	1000	979	988	92	93	75-125	1	30	
a,a,a-Trifluorotoluene (S)	%.						98	103	50-150			

SAMPLE DUPLICATE: 3193434

Parameter	Units	10464680001 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	73.3J	ND		30	
a,a,a-Trifluorotoluene (S)	%.	105	112	6		

SAMPLE DUPLICATE: 3193435

Parameter	Units	10464681001 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	91.7J	101		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10464368

SAMPLE DUPLICATE: 3193435

Parameter	Units	10464681001 Result	Dup Result	RPD	Max RPD	Qualifiers
a,a,a-Trifluorotoluene (S)	%.	108	112	3		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70496.17

Pace Project No.: 10464368

QC Batch: 590748 Analysis Method: NWTPH-Gx
 QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
 Associated Lab Samples: 10464368003

METHOD BLANK: 3194805 Matrix: Water

Associated Lab Samples: 10464368003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	02/20/19 17:33	
a,a,a-Trifluorotoluene (S)	%.	94	50-150	02/20/19 17:33	

METHOD BLANK: 3194806 Matrix: Water

Associated Lab Samples: 10464368003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	02/20/19 17:50	
a,a,a-Trifluorotoluene (S)	%.	93	50-150	02/20/19 17:50	

LABORATORY CONTROL SAMPLE & LCSD: 3194807 3194808

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	1150	1080	115	108	75-125	7	20	
a,a,a-Trifluorotoluene (S)	%.				107	100	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3194809 3194810

Parameter	Units	10464346011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	ug/L	<19.6	1000	1000	1180	1350	118	135	75-125	13	30	M1
a,a,a-Trifluorotoluene (S)	%.						106	108	50-150			

SAMPLE DUPLICATE: 3194948

Parameter	Units	10464346004 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	<19.6	ND		30	
a,a,a-Trifluorotoluene (S)	%.	92	96	4		

SAMPLE DUPLICATE: 3194949

Parameter	Units	10464346006 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	<19.6	ND		30	

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10464368

SAMPLE DUPLICATE: 3194949

Parameter	Units	10464346006 Result	Dup Result	RPD	Max RPD	Qualifiers
a,a,a-Trifluorotoluene (S)	%.	89	93	4		

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10464368

QC Batch: 590496 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10464368002, 10464368003, 10464368004, 10464368010, 10464368015

METHOD BLANK: 3193726 Matrix: Water
Associated Lab Samples: 10464368002, 10464368003, 10464368004, 10464368010, 10464368015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	02/19/19 11:44	
Ethylbenzene	ug/L	ND	1.0	02/19/19 11:44	
Toluene	ug/L	ND	1.0	02/19/19 11:44	
Xylene (Total)	ug/L	ND	3.0	02/19/19 11:44	
1,2-Dichloroethane-d4 (S)	%	90	75-125	02/19/19 11:44	
4-Bromofluorobenzene (S)	%	101	75-125	02/19/19 11:44	
Toluene-d8 (S)	%	97	75-125	02/19/19 11:44	

LABORATORY CONTROL SAMPLE: 3193727

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	18.2	91	75-125	
Ethylbenzene	ug/L	20	17.6	88	75-125	
Toluene	ug/L	20	18.4	92	75-125	
Xylene (Total)	ug/L	60	55.1	92	75-125	
1,2-Dichloroethane-d4 (S)	%			93	75-125	
4-Bromofluorobenzene (S)	%			99	75-125	
Toluene-d8 (S)	%			100	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3193728 3193729

Parameter	Units	10464346007		3193729		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Benzene	ug/L	<0.10	20	20	21.3	20.7	106	103	30-150	3	30
Ethylbenzene	ug/L	<0.14	20	20	20.3	20.0	102	100	30-150	1	30
Toluene	ug/L	0.77J	20	20	21.7	21.3	104	103	30-150	2	30
Xylene (Total)	ug/L	<0.31	60	60	62.6	61.5	104	103	30-150	2	30
1,2-Dichloroethane-d4 (S)	%						92	92	75-125		
4-Bromofluorobenzene (S)	%						96	97	75-125		
Toluene-d8 (S)	%						99	100	75-125		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 70496.17

Pace Project No.: 10464368

QC Batch: 590806

Analysis Method: EPA 8260B

QC Batch Method: EPA 8260B

Analysis Description: 8260B MSV UST-WATER

Associated Lab Samples: 10464368001

METHOD BLANK: 3194986

Matrix: Water

Associated Lab Samples: 10464368001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	02/21/19 11:48	
Ethylbenzene	ug/L	ND	1.0	02/21/19 11:48	
Toluene	ug/L	ND	1.0	02/21/19 11:48	
Xylene (Total)	ug/L	ND	3.0	02/21/19 11:48	
1,2-Dichloroethane-d4 (S)	%	90	75-125	02/21/19 11:48	
4-Bromofluorobenzene (S)	%	103	75-125	02/21/19 11:48	
Toluene-d8 (S)	%	97	75-125	02/21/19 11:48	

LABORATORY CONTROL SAMPLE: 3194987

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	19.6	98	75-125	
Ethylbenzene	ug/L	20	18.8	94	75-125	
Toluene	ug/L	20	19.4	97	75-125	
Xylene (Total)	ug/L	60	57.9	96	75-125	
1,2-Dichloroethane-d4 (S)	%			94	75-125	
4-Bromofluorobenzene (S)	%			102	75-125	
Toluene-d8 (S)	%			96	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3194988 3194989

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		10464651001 Result	Spike Conc.	Spike Conc.	MS Result						
Benzene	ug/L	1.9	20	20	20.8	22.2	95	102	30-150	6	30
Ethylbenzene	ug/L	<0.14	20	20	18.4	19.6	92	98	30-150	6	30
Toluene	ug/L	<0.083	20	20	19.3	20.4	96	102	30-150	6	30
Xylene (Total)	ug/L	<0.31	60	60	56.2	60.2	94	100	30-150	7	30
1,2-Dichloroethane-d4 (S)	%						88	89	75-125		
4-Bromofluorobenzene (S)	%						102	104	75-125		
Toluene-d8 (S)	%						99	100	75-125		

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QUALITY CONTROL DATA

Project: 70496.17

Pace Project No.: 10464368

QC Batch: 590232 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA Mod. 3510C Analysis Description: NWTPH-Dx GCS LV SG
 Associated Lab Samples: 10464368001, 10464368002, 10464368003, 10464368004, 10464368005

METHOD BLANK: 3192634 Matrix: Water
 Associated Lab Samples: 10464368001, 10464368002, 10464368003, 10464368004, 10464368005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel Range SG	mg/L	ND	0.40	02/17/19 10:02	
Motor Oil Range SG	mg/L	ND	0.40	02/17/19 10:02	
n-Triacontane (S)	%.	88	50-150	02/17/19 10:02	
o-Terphenyl (S)	%.	82	50-150	02/17/19 10:02	

LABORATORY CONTROL SAMPLE & LCSD: 3192635 3192636

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Fuel Range SG	mg/L	2	1.7	1.7	85	84	50-150	1	20	
Motor Oil Range SG	mg/L	2	1.7	1.7	86	87	50-150	1	20	
n-Triacontane (S)	%.				95	93	50-150			
o-Terphenyl (S)	%.				84	84	50-150			

SAMPLE DUPLICATE: 3192637

Parameter	Units	10464368001 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Fuel Range SG	mg/L	1.2	1.3	7	30	
Motor Oil Range SG	mg/L	ND	ND		30	
n-Triacontane (S)	%.	76	78	4		
o-Terphenyl (S)	%.	69	73	6		

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10464368

QC Batch: 590799 Analysis Method: EPA 1664A OG
QC Batch Method: EPA 1664A OG Analysis Description: 1664A HEM, Oil and Grease
Associated Lab Samples: 10464368014

METHOD BLANK: 3194967 Matrix: Water
Associated Lab Samples: 10464368014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	02/21/19 12:41	

LABORATORY CONTROL SAMPLE: 3194968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	39.2	98	78-114	

MATRIX SPIKE SAMPLE: 3194969

Parameter	Units	10464189001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	42.1	40.0	93	78-114	

SAMPLE DUPLICATE: 3194970

Parameter	Units	10464265001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	9.9	7.9	22	18	D6

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 70496.17

Pace Project No.: 10464368

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 590799

[BE] Batch extracted by solid phase extraction (SPE).

ANALYTE QUALIFIERS

D6 The precision between the sample and sample duplicate exceeded laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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METHOD CROSS REFERENCE TABLE

Project: 70496.17
Pace Project No.: 10464368

Parameter	Matrix	Analytical Method	Preparation Method
8260B MSV UST	Water	SW-846 8260B/5030B	N/A

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 70496.17

Pace Project No.: 10464368

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10464368001	GW-021319-JRL-INF 1	EPA Mod. 3510C	590232	NWTPH-Dx	590272
10464368002	GW-021319-JRL-INF 2	EPA Mod. 3510C	590232	NWTPH-Dx	590272
10464368003	GW-021319-JRL-MID 1	EPA Mod. 3510C	590232	NWTPH-Dx	590272
10464368004	GW-021319-JRL-MID 2	EPA Mod. 3510C	590232	NWTPH-Dx	590272
10464368005	GW-021319-JRL-TOTAL EFF	EPA Mod. 3510C	590232	NWTPH-Dx	590272
10464368001	GW-021319-JRL-INF 1	NWTPH-Gx	590393		
10464368002	GW-021319-JRL-INF 2	NWTPH-Gx	590393		
10464368003	GW-021319-JRL-MID 1	NWTPH-Gx	590748		
10464368004	GW-021319-JRL-MID 2	NWTPH-Gx	590393		
10464368010	GW-021319-JRL-TOTAL EFF 1-4	NWTPH-Gx	590393		
10464368015	Trip Blank	NWTPH-Gx	590393		
10464368001	GW-021319-JRL-INF 1	EPA 8260B	590806		
10464368002	GW-021319-JRL-INF 2	EPA 8260B	590496		
10464368003	GW-021319-JRL-MID 1	EPA 8260B	590496		
10464368004	GW-021319-JRL-MID 2	EPA 8260B	590496		
10464368010	GW-021319-JRL-TOTAL EFF 1-4	EPA 8260B	590496		
10464368015	Trip Blank	EPA 8260B	590496		
10464368014	GW-021319-JRL-TOTAL EFF 5-7	EPA 1664A OG	590799		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GHD Services, Inc.	Report To:	Christina McClelland	Attention:	Christina McClelland
Address:	20818 44th Avenue West, Suite 190 Lynnwood, WA 98036	Copy To:	Eric Maise and Thuan Bui	Company Name:	GHD Services, Inc.
Email To:	christina.mcclelland@ghd.com, eric.maise@ghd.com, thuan.bui@ghd.com	Purchase Order No.:		Address:	2065 Niagara Falls Boulevard Suite #3, Niagara Falls, New York, 14304
Phone:	(425)563-6502	Client Project ID:	70496.17	Pace Project Manager:	Jennifer Gross
Requested Due Date/AT:	Standard	Container Order Number:		Pace Profile #:	
				Regulatory Agency:	
				State/Location:	

Page: 1 Of 1

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample IDs must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G-GRAB C-COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analytes Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y)
				START DATE	END DATE						
1	GM-021319 - JAL-INF 1	WT G	G	2/19/19	1215			HNO3 H2SO4 Unpreserved	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		
2	GM-021319 - JAL-INF 2	WT G	G	2/19/19	1200			HCl NaOH Na2S2O3 Methanol Other	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		
3	GM-021319 - JAL-MID 1	WT G	G	2/19/19	1145			HCl NaOH Na2S2O3 Methanol Other	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		
4	GM-021319 - JAL-MID 2	WT G	G	2/19/19	1130			HCl NaOH Na2S2O3 Methanol Other	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		
5	GM-021319 - JAL-Total EFF	WT G	G	2/19/19	1030			HCl NaOH Na2S2O3 Methanol Other	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		
6	GM-021319 - JAL-Total EFF 1	WT G	G	2/19/19	1045			HCl NaOH Na2S2O3 Methanol Other	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		
7	GM-021319 - JAL-Total EFF 2	WT G	G	2/19/19	1100			HCl NaOH Na2S2O3 Methanol Other	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		
8	GM-021319 - JAL-Total EFF 3	WT G	G	2/19/19	1115			HCl NaOH Na2S2O3 Methanol Other	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		
9	GM-021319 - JAL-Total EFF 4	WT G	G	2/19/19	1030			HCl NaOH Na2S2O3 Methanol Other	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		
10	GM-021319 - JAL-Total EFF 5	WT G	G	2/19/19	1045			HCl NaOH Na2S2O3 Methanol Other	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		
11	GM-021319 - JAL-Total EFF 6	WT G	G	2/19/19	1100			HCl NaOH Na2S2O3 Methanol Other	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		
11	GM-021319 - JAL-Total EFF 7	WT G	G	2/19/19	1100			HCl NaOH Na2S2O3 Methanol Other	TPH (NWTPH-G) with Silica Gel BTEX (EPA 8260) FOG 1684		

WO#: 10464368

REQUISITION #	AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
690	GHD	2/19/19	0920	Jennifer Johnson for Fish	2/19/19	1400	Y N Y

SAMPLER NAME AND SIGNATURE	DATE SIGNED
<i>Joe Lewandowski</i>	02/13/19

TEMP IN C	Received on Ice (Y/N)	Cooler Sealed (Y/N)	Samples In tact (Y/N)

Sample Condition Upon Receipt **Client Name:** GHD Services **Project #:** **WO# : 10464368**

Courier: Fed Ex UPS USPS Client
 Pace Speedee Commercial See Exception

Tracking Number: 4486 7792 0591

Custody Seal on Cooler/Box Present? Yes No **Seals Intact?** Yes No **Biological Tissue Frozen?** Yes No N/A

Packing Material: Bubble Wrap Bubble Bags None Other: _____ **Temp Blank?** Yes No

Thermometer: G87A9155100842 G87A9170600254 **Type of Ice:** Wet Blue None Dry Melted

Note: Each West Virginia Sample must have temp taken (no temp blanks)

Temp should be above freezing to 6°C **Cooler Temp Read w/temp blank:** _____ °C **Average Corrected Temp (no temp blank only):** 4.0 °C See Exceptions

Correction Factor: -0.3 **Cooler Temp Corrected w/temp blank:** _____ °C

USDA Regulated Soil: (N/A, water sample/Other: _____) **Date/initials of Person Examining Contents:** JT 2/15/19

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? Yes No Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

	COMMENTS:
Chain of Custody Present and Filled Out? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Relinquished? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Sampler Name and/or Signature on COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.
Short Hold Time Analysis (<72 hr)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. <input type="checkbox"/> Fecal Coliform <input type="checkbox"/> HPC <input type="checkbox"/> Total Coliform/E. coli <input type="checkbox"/> BOD/cBOD <input type="checkbox"/> Hex Chrome <input type="checkbox"/> Turbidity <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Orthophos <input type="checkbox"/> Other
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Field Filtered Volume Received for Dissolved Tests? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10. Is sediment visible in the dissolved container? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is sufficient information available to reconcile the samples to the COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. If no, write ID/ Date/Time on Container Below: <input type="checkbox"/> See Exception
Matrix: <input checked="" type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Oil <input type="checkbox"/> Other	
All containers needing acid/base preservation have been checked? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12. Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ <2 pH, NaOH >9 Sulfide, NaOH >12 Cyanide) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> NaOH <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> Zinc Acetate
Exception: <u>VOA Coliform, TOC/DOC Oil and Grease</u>	Positive for Res. <input type="checkbox"/> Yes <input type="checkbox"/> No See Exception <input type="checkbox"/>
DRO/8015 (water) and Dioxin/PFAS <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Chlorine? <input type="checkbox"/> Yes <input type="checkbox"/> No See Exception <input type="checkbox"/>
Headspace in VOA Vials (greater than 6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13. <input checked="" type="checkbox"/> See Exception
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. Pace Trip Blank Lot # (if purchased): <u>194799</u>
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: JENNI GROSS **Date:** 02/15/19

Note: Whenever there is a discrepancy affecting North Carolina samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect container, etc.)

Labeled by: JJ




Document Name:
Headspace Exception

Document Revised: 17Dec2018
Page 1 of 1

Document No.:
F-MN-C-276-Rev.01

Issuing Authority:
Pace Minnesota Quality Office

Sample ID	Headspace greater than 6mm	Headspace less than 6mm	No Headspace	Total Vials	Sediment Present?
GW-021319-INF1	0	3	3	6	N
Trip Blank	0	3	1	4	N

	Document Name: SCUR Exception Form – Coolers Above 6°C	Document Revised: 04Feb2019 Page 1 of 1
	Document No.: F-MN-C-298-Rev.01	Issuing Authority: Pace Minnesota Quality Office

During sample triage, this form is to be placed in each cooler that arrives above 6.0 degrees Celsius

SCUR Exceptions:

Workorder #: 10464368

Out of Temp Sample IDs	Container Type	# of Containers	PM Notified? <input type="checkbox"/> Yes <input type="checkbox"/> No
			If yes, indicate who was contacted/date/time. If no, indicate reason why.
			Multiple Cooler Project? <input type="checkbox"/> Yes <input type="checkbox"/> No If you answered yes, fill out information to the left.

No Temp Blank		
Read Temp	Corrected Temp	Average Temp
4.8	4.5	4.0
5.1	4.8	
3.5	3.2	
3.9	3.6	

Other Issues

Issue Type:	Container Type	# of Containers
Sample ID		

Tracking Number	

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preserv.	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance after addition?	Initials
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	

April 01, 2019

Jeff Gaarder
GHD
20818 44th Ave West
Suite 190
Lynnwood, WA 98036

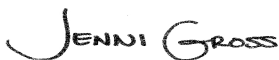
RE: Project: 70496
Pace Project No.: 10468094

Dear Jeff Gaarder:

Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Gross
jennifer.gross@pacelabs.com
(206)957-2426
Project Manager

Enclosures

cc: Christina McClelland, GHD Services, Inc.
Accounts Payable, GHD_Conoco Phillips



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 70496
Pace Project No.: 10468094

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #: 74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 70496
Pace Project No.: 10468094

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10468094001	A-032219-JRL-INF	Air	03/22/19 10:55	03/23/19 09:20
10468094002	A-032219-JRL-INF cert 3285	Air	03/22/19 10:55	03/23/19 09:20
10468094003	A-032219-JRL-EFF	Air	03/22/19 11:00	03/23/19 09:20
10468094004	A-032219-JRL-EFF cert 3237	Air	03/22/19 11:00	03/23/19 09:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 70496
Pace Project No.: 10468094

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10468094001	A-032219-JRL-INF	TO-15	AFV, NCK	6	PASI-M
10468094002	A-032219-JRL-INF cert 3285	TO-15	MLS	5	PASI-M
10468094003	A-032219-JRL-EFF	TO-15	NCK	6	PASI-M
10468094004	A-032219-JRL-EFF cert 3237	TO-15	CH1	5	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496
Pace Project No.: 10468094

Sample: A-032219-JRL-INF		Lab ID: 10468094001	Collected: 03/22/19 10:55	Received: 03/23/19 09:20	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
Benzene	24800	ppbv	83.5	835.2		03/30/19 04:00	71-43-2	
Ethylbenzene	7510	ppbv	167	835.2		03/30/19 04:00	100-41-4	
THC as Gas	1190000	ppbv	20000	835.2		03/30/19 04:00		N2
Toluene	37500	ppbv	445	2227		03/31/19 01:39	108-88-3	
m&p-Xylene	36900	ppbv	334	835.2		03/30/19 04:00	179601-23-1	
o-Xylene	13500	ppbv	167	835.2		03/30/19 04:00	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496
Pace Project No.: 10468094

Sample: A-032219-JRL-INF cert **Lab ID:** 10468094002 Collected: 03/22/19 10:55 Received: 03/23/19 09:20 Matrix: Air
3285

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification		Analytical Method: TO-15						
Benzene	ND	ug/m3	0.32	1		02/19/19 16:38	71-43-2	
Ethylbenzene	ND	ug/m3	0.88	1		02/19/19 16:38	100-41-4	
Toluene	ND	ug/m3	0.77	1		02/19/19 16:38	108-88-3	
m&p-Xylene	ND	ug/m3	1.8	1		02/19/19 16:38	179601-23-1	
o-Xylene	ND	ug/m3	0.88	1		02/19/19 16:38	95-47-6	

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ANALYTICAL RESULTS

Project: 70496
Pace Project No.: 10468094

Sample: A-032219-JRL-EFF		Lab ID: 10468094003	Collected: 03/22/19 11:00	Received: 03/23/19 09:20	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	2.7	ppbv	0.18	1.8		03/30/19 03:31	71-43-2	
Ethylbenzene	0.70	ppbv	0.36	1.8		03/30/19 03:31	100-41-4	
THC as Gas	588	ppbv	43.0	1.8		03/30/19 03:31		N2
Toluene	3.4	ppbv	0.36	1.8		03/30/19 03:31	108-88-3	
m&p-Xylene	3.3	ppbv	0.72	1.8		03/30/19 03:31	179601-23-1	
o-Xylene	1.2	ppbv	0.36	1.8		03/30/19 03:31	95-47-6	

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ANALYTICAL RESULTS

Project: 70496
Pace Project No.: 10468094

Sample: A-032219-JRL-EFF cert **Lab ID:** 10468094004 Collected: 03/22/19 11:00 Received: 03/23/19 09:20 Matrix: Air
3237

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification		Analytical Method: TO-15						
Benzene	ND	ug/m3	0.32	1		02/19/19 10:56	71-43-2	
Ethylbenzene	ND	ug/m3	0.88	1		02/19/19 10:56	100-41-4	
Toluene	ND	ug/m3	0.77	1		02/19/19 10:56	108-88-3	
m&p-Xylene	ND	ug/m3	1.8	1		02/19/19 10:56	179601-23-1	
o-Xylene	ND	ug/m3	0.88	1		02/19/19 10:56	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 70496
Pace Project No.: 10468094

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

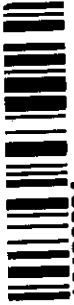
Project: 70496
Pace Project No.: 10468094

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10468094001	A-032219-JRL-INF	TO-15	596525		
10468094003	A-032219-JRL-EFF	TO-15	596525		
10468094002	A-032219-JRL-INF cert 3285	TO-15	596853		
10468094004	A-032219-JRL-EFF cert 3237	TO-15	596853		

REPORT OF LABORATORY ANALYSIS

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WO#: 10468094



10468094

CHAIN OF CUSTODY / Analytical Request Document

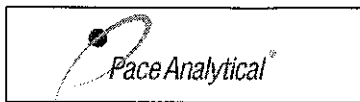
Requester: [Name], Requester Title: [Title], Requester Company: [Company], Requester Address: [Address], Requester Phone: [Phone], Requester Email: [Email]

Sample ID: [ID], Matrix: [Matrix], Sample Type: [Type], Matrix Code: [Code], Sample Date: [Date], Sample Time: [Time]

Table with columns: ANALYZER, DATE, TIME, RECEIVED BY, AFFILIATION, DATE, TIME, SAMPLE CONDITIONS. Includes handwritten entries for 'ANALYZER TEST' and 'SAMPLE CONDITIONS'.

ADDITIONAL COMMENTS: [Handwritten notes], SIGNED AND DATED BY: [Signature], DATE: [Date], SIGNATURE: [Signature], DATE: [Date]

GW MONTHLY



Document Name:
Air Sample Condition Upon Receipt
Document No.:
F-MN-A-106-rev.18

Document Revised: 31Jan2019
Page 1 of 1
Issuing Authority:
Para Minnesota Quality Aff...

Air Sample Condition Upon Receipt Client Name: GHD Project #: WO# : 10468094
 Courier: Fed Ex UPS USPS Client
 Pace SpeeDee Commercial See Exception
 Tracking Number: 4486 7791 2870

WO# : 10468094
 PM: JMG Due Date: 04/01/19
 CLIENT: GHD_COP

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No
 Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No
 Temp. (TO17 and TO13 samples only) (°C): _____ Corrected Temp (°C): _____ Thermometer Used: G87A9170600254
 G87A9155100842
 Temp should be above freezing to 6°C Correction Factor: _____ Date & Initials of Person Examining Contents: EV 3/23/19
 Type of ice Received Blue Wet None

		Comments:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: <u>Air Can</u> Airbag Filter TDT Passive		11. Individually Certified Cans <input checked="" type="checkbox"/> N (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized (3C and ASTM 1946 DO NOT PRESSURIZE)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Samples Received: 2 stand alone gauges Pressure Gauge # 10AIR34 10AIR35

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
<u>INF</u>	<u>3285</u>	<u>\</u>	<u>-1.0</u>	<u>+10.0</u>					
<u>EFF</u>	<u>3237</u>	<u>\</u>	<u>-2.0</u>						

CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No
 Person Contacted: Joe Lewandowski Date/Time: 03/25/19
 Comments/Resolution: Picture of coc sent via email.

Project Manager Review: JENNI GROSS Date: 03/25/19
 Note: Whenever there is a discrepancy affecting No _____ ance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: GHD_Phillips 66 Company
 Phone: 1(253)302-8281

Lab Project Number: 10468094
 Project Name: 70496

Lab Sample No: 10468094001 ProjSampleNum: 10468094001 Date Collected: 03/22/19 10:55
 Client Sample ID: A-032219-JRL-INF Matrix: Air Date Received: 03/23/19 9:20

Parameters	Report Limit ppbv	Results ppbv	Report Limit ug/m3	Results ug/m3	DF	Analyzed	CAS No.
Air							
TO-15							
Benzene	83.5	24800	271	80500	835.2	03/30/19 4:00 NCK	71-43-2
Ethylbenzene	167	7510	737	33100	835.2	03/30/19 4:00 NCK	100-41-4
m&p-Xylene	334	36900	1470	163000	835.2	03/30/19 4:00 NCK	179601-23-1
o-Xylene	167	13500	737	59600	835.2	03/30/19 4:00 NCK	95-47-6
THC as Gas	20000	1190000	86800	5170000	835.2	03/30/19 4:00 NCK	
Toluene	445	37500	1700	144000	2227	03/31/19 1:39 AFV	108-88-3

Lab Sample No: 10468094003 ProjSampleNum: 10468094003 Date Collected: 03/22/19 11:00
 Client Sample ID: A-032219-JRL-EFF Matrix: Air Date Received: 03/23/19 9:20

Parameters	Report Limit ppbv	Results ppbv	Report Limit ug/m3	Results ug/m3	DF	Analyzed	CAS No.
Air							
TO-15							
Benzene	0.18	2.7	0.58	8.8	1.8	03/30/19 3:31 NCK	71-43-2
Ethylbenzene	0.36	0.70	1.6	3.1	1.8	03/30/19 3:31 NCK	100-41-4
m&p-Xylene	0.72	3.3	3.2	14.6	1.8	03/30/19 3:31 NCK	179601-23-1
o-Xylene	0.36	1.2	1.6	5.3	1.8	03/30/19 3:31 NCK	95-47-6
THC as Gas	43	588	187	2550	1.8	03/30/19 3:31 NCK	
Toluene	0.36	3.4	1.4	13	1.8	03/30/19 3:31 NCK	108-88-3

SUPPLEMENTAL REPORT

Units Conversion Request

April 01, 2019

Christina McClelland
GHD Services, Inc.
20818 44th Ave W
Suite 190
Lynnwood, WA 98036

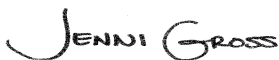
RE: Project: 70496.17
Pace Project No.: 10468054

Dear Christina McClelland:

Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Gross
jennifer.gross@pacelabs.com
(206)957-2426
Project Manager

Enclosures

cc: Thuan Bui, GHD
Eric Maise, GHD Services Inc.
Accounts Payable, GHD_Conoco Phillips



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 70496.17

Pace Project No.: 10468054

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 70496.17

Pace Project No.: 10468054

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10468054001	GW-032219-JRL-INF 1	Water	03/22/19 10:45	03/23/19 09:20
10468054002	GW-032219-JRL-INF 2	Water	03/22/19 10:30	03/23/19 09:20
10468054003	GW-032219-JRL-MID 1	Water	03/22/19 10:15	03/23/19 09:20
10468054004	GW-032219-JRL-MID 2	Water	03/22/19 10:00	03/23/19 09:20
10468054005	GW-032219-JRL-Total EFF	Water	03/22/19 09:00	03/23/19 09:20
10468054006	GW-032219-JRL-Total EFF 1	Water	03/22/19 09:00	03/23/19 09:20
10468054007	GW-032219-JRL-Total EFF 2	Water	03/22/19 09:15	03/23/19 09:20
10468054008	GW-032219-JRL-Total EFF 3	Water	03/22/19 09:30	03/23/19 09:20
10468054009	GW-032219-JRL-Total EFF 4	Water	03/22/19 09:45	03/23/19 09:20
10468054010	GW-032219-JRL-Total EFF 1-4	Water	03/22/19 09:45	03/23/19 09:20
10468054011	GW-032219-JRL-Total EFF 5	Water	03/22/19 09:00	03/23/19 09:20
10468054012	GW-032219-JRL-Total EFF 6	Water	03/22/19 09:15	03/23/19 09:20
10468054013	GW-032219-JRL-Total EFF 7	Water	03/22/19 09:30	03/23/19 09:20
10468054014	GW-032219-JRL-Total EFF 5-7	Water	03/22/19 09:30	03/23/19 09:20
10468054015	Trip Blank	Water	03/22/19 00:00	03/23/19 09:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 70496.17

Pace Project No.: 10468054

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10468054001	GW-032219-JRL-INF 1	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	MJD	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10468054002	GW-032219-JRL-INF 2	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	MJD	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10468054003	GW-032219-JRL-MID 1	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	MJD	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10468054004	GW-032219-JRL-MID 2	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	MJD	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10468054005	GW-032219-JRL-Total EFF	NWTPH-Dx	EC2	4	PASI-M
10468054010	GW-032219-JRL-Total EFF 1-4	NWTPH-Gx	MJD	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10468054014	GW-032219-JRL-Total EFF 5-7	EPA 1664B OG	AR3	1	PASI-M
10468054015	Trip Blank	NWTPH-Gx	MJD	2	PASI-M
		EPA 8260B	DS2	7	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10468054

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-032219-JRL-INF 1								
Lab ID: 10468054001								
Collected: 03/22/19 10:45 Received: 03/23/19 09:20 Matrix: Water								
NWTPH-Dx GCS Silica Gel LV								
Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C								
Diesel Fuel Range SG	1.4	mg/L	0.40	1	03/25/19 13:49	03/26/19 14:39	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.40	1	03/25/19 13:49	03/26/19 14:39	64742-65-0	
Surrogates								
o-Terphenyl (S)	81	%	50-150	1	03/25/19 13:49	03/26/19 14:39	84-15-1	
n-Triacontane (S)	86	%	50-150	1	03/25/19 13:49	03/26/19 14:39	638-68-6	
NWTPH-Gx GCV								
Analytical Method: NWTPH-Gx								
TPH as Gas	25200	ug/L	2500	25		03/28/19 01:24		
Surrogates								
a,a,a-Trifluorotoluene (S)	81	%	50-150	25		03/28/19 01:24	98-08-8	
8260B MSV UST								
Analytical Method: EPA 8260B								
Benzene	1600	ug/L	10.0	10		03/26/19 01:11	71-43-2	
Ethylbenzene	80.6	ug/L	10.0	10		03/26/19 01:11	100-41-4	
Toluene	2960	ug/L	25.0	25		03/26/19 22:08	108-88-3	
Xylene (Total)	3820	ug/L	30.0	10		03/26/19 01:11	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	75-125	10		03/26/19 01:11	17060-07-0	
Toluene-d8 (S)	97	%	75-125	10		03/26/19 01:11	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125	10		03/26/19 01:11	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17
Pace Project No.: 10468054

Sample: GW-032219-JRL-INF 2	Lab ID: 10468054002	Collected: 03/22/19 10:30	Received: 03/23/19 09:20	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C							
Diesel Fuel Range SG	3.1	mg/L	0.39	1	03/25/19 13:49	03/26/19 15:01	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.39	1	03/25/19 13:49	03/26/19 15:01	64742-65-0	
Surrogates								
o-Terphenyl (S)	38	%.	50-150	1	03/25/19 13:49	03/26/19 15:01	84-15-1	1M
n-Triacontane (S)	44	%.	50-150	1	03/25/19 13:49	03/26/19 15:01	638-68-6	1M
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	779	ug/L	100	1		03/28/19 01:57		
Surrogates								
a,a,a-Trifluorotoluene (S)	79	%.	50-150	1		03/28/19 01:57	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	3.4	ug/L	1.0	1		03/26/19 00:38	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/26/19 00:38	100-41-4	
Toluene	1.9	ug/L	1.0	1		03/26/19 00:38	108-88-3	
Xylene (Total)	105	ug/L	3.0	1		03/26/19 00:38	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%.	75-125	1		03/26/19 00:38	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1		03/26/19 00:38	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/26/19 00:38	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10468054

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-032219-JRL-MID 1 Lab ID: 10468054003 Collected: 03/22/19 10:15 Received: 03/23/19 09:20 Matrix: Water								
NWTPH-Dx GCS Silica Gel LV Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C								
Diesel Fuel Range SG	ND	mg/L	0.39	1	03/25/19 13:49	03/26/19 15:12	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.39	1	03/25/19 13:49	03/26/19 15:12	64742-65-0	
Surrogates								
o-Terphenyl (S)	70	%	50-150	1	03/25/19 13:49	03/26/19 15:12	84-15-1	
n-Triacontane (S)	76	%	50-150	1	03/25/19 13:49	03/26/19 15:12	638-68-6	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx								
TPH as Gas	ND	ug/L	100	1		03/28/19 00:17		
Surrogates								
a,a,a-Trifluorotoluene (S)	82	%	50-150	1		03/28/19 00:17	98-08-8	
8260B MSV UST Analytical Method: EPA 8260B								
Benzene	14.2	ug/L	1.0	1		03/25/19 22:23	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/25/19 22:23	100-41-4	
Toluene	3.0	ug/L	1.0	1		03/25/19 22:23	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/25/19 22:23	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	75-125	1		03/25/19 22:23	17060-07-0	
Toluene-d8 (S)	98	%	75-125	1		03/25/19 22:23	2037-26-5	
4-Bromofluorobenzene (S)	103	%	75-125	1		03/25/19 22:23	460-00-4	

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10468054

Sample: GW-032219-JRL-MID 2		Lab ID: 10468054004	Collected: 03/22/19 10:00	Received: 03/23/19 09:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.38	1	03/25/19 13:49	03/26/19 15:23	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.38	1	03/25/19 13:49	03/26/19 15:23	64742-65-0	
Surrogates								
o-Terphenyl (S)	80	%.	50-150	1	03/25/19 13:49	03/26/19 15:23	84-15-1	
n-Triacontane (S)	85	%.	50-150	1	03/25/19 13:49	03/26/19 15:23	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/28/19 00:33		
Surrogates								
a,a,a-Trifluorotoluene (S)	80	%.	50-150	1		03/28/19 00:33	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	1.3	ug/L	1.0	1		03/25/19 22:40	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/25/19 22:40	100-41-4	
Toluene	ND	ug/L	1.0	1		03/25/19 22:40	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/25/19 22:40	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%.	75-125	1		03/25/19 22:40	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1		03/25/19 22:40	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/25/19 22:40	460-00-4	

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10468054

Sample: GW-032219-JRL-Total EFF		Lab ID: 10468054005	Collected: 03/22/19 09:00	Received: 03/23/19 09:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.40	1	03/25/19 13:49	03/26/19 15:33	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.40	1	03/25/19 13:49	03/26/19 15:33	64742-65-0	
Surrogates								
o-Terphenyl (S)	83	%.	50-150	1	03/25/19 13:49	03/26/19 15:33	84-15-1	
n-Triacontane (S)	88	%.	50-150	1	03/25/19 13:49	03/26/19 15:33	638-68-6	

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10468054

Sample: GW-032219-JRL-Total EFF 1-4 **Lab ID:** 10468054010 Collected: 03/22/19 09:45 Received: 03/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/27/19 22:52		
Surrogates								
a,a,a-Trifluorotoluene (S)	82	%.	50-150	1		03/27/19 22:52	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/25/19 22:06	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/25/19 22:06	100-41-4	
Toluene	ND	ug/L	1.0	1		03/25/19 22:06	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/25/19 22:06	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%.	75-125	1		03/25/19 22:06	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1		03/25/19 22:06	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/25/19 22:06	460-00-4	

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ANALYTICAL RESULTS

Project: 70496.17

Pace Project No.: 10468054

Sample: GW-032219-JRL-Total EFF 5-7 **Lab ID:** 10468054014 Collected: 03/22/19 09:30 Received: 03/23/19 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
1664B HEM, Oil and Grease								
Analytical Method: EPA 1664B OG								
Oil and Grease	ND	mg/L	6.5	1		03/29/19 13:31		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 70496.17
Pace Project No.: 10468054

Sample: Trip Blank		Lab ID: 10468054015	Collected: 03/22/19 00:00	Received: 03/23/19 09:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/28/19 02:47		
Surrogates								
a,a,a-Trifluorotoluene (S)	80	%.	50-150	1		03/28/19 02:47	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/25/19 21:32	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/25/19 21:32	100-41-4	
Toluene	ND	ug/L	1.0	1		03/25/19 21:32	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/25/19 21:32	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%.	75-125	1		03/25/19 21:32	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1		03/25/19 21:32	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1		03/25/19 21:32	460-00-4	

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10468054

QC Batch: 596096 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10468054001, 10468054002, 10468054003, 10468054004, 10468054010, 10468054015

METHOD BLANK: 3222724 Matrix: Water
Associated Lab Samples: 10468054001, 10468054002, 10468054003, 10468054004, 10468054010, 10468054015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	03/27/19 18:00	
a,a,a-Trifluorotoluene (S)	%.	86	50-150	03/27/19 18:00	

METHOD BLANK: 3222725 Matrix: Water
Associated Lab Samples: 10468054001, 10468054002, 10468054003, 10468054004, 10468054010, 10468054015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	03/27/19 18:18	
a,a,a-Trifluorotoluene (S)	%.	88	50-150	03/27/19 18:18	

LABORATORY CONTROL SAMPLE & LCSD: 3222726 3222727

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	958	859	96	86	75-125	11	20	
a,a,a-Trifluorotoluene (S)	%.				88	88	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3223000 3223001

Parameter	Units	10467851006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	ug/L	ND	1000	1000	965	1000	97	100	75-125	3	30	
a,a,a-Trifluorotoluene (S)	%.						92	92	50-150			

SAMPLE DUPLICATE: 3222998

Parameter	Units	10467851002 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	ND		30	
a,a,a-Trifluorotoluene (S)	%.	84	84			

SAMPLE DUPLICATE: 3222999

Parameter	Units	10467851004 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10468054

SAMPLE DUPLICATE: 3222999

Parameter	Units	10467851004 Result	Dup Result	RPD	Max RPD	Qualifiers
a,a,a-Trifluorotoluene (S)	%.	82	84			

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10468054

QC Batch: 595610 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10468054001, 10468054002, 10468054003, 10468054004, 10468054010, 10468054015

METHOD BLANK: 3220072 Matrix: Water
Associated Lab Samples: 10468054001, 10468054002, 10468054003, 10468054004, 10468054010, 10468054015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/25/19 21:15	
Ethylbenzene	ug/L	ND	1.0	03/25/19 21:15	
Toluene	ug/L	ND	1.0	03/25/19 21:15	
Xylene (Total)	ug/L	ND	3.0	03/25/19 21:15	
1,2-Dichloroethane-d4 (S)	%	103	75-125	03/25/19 21:15	
4-Bromofluorobenzene (S)	%	103	75-125	03/25/19 21:15	
Toluene-d8 (S)	%	99	75-125	03/25/19 21:15	

LABORATORY CONTROL SAMPLE: 3220073

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	10	9.3	93	75-125	
Ethylbenzene	ug/L	10	9.5	95	75-125	
Toluene	ug/L	10	9.3	93	75-125	
Xylene (Total)	ug/L	30	28.7	96	75-125	
1,2-Dichloroethane-d4 (S)	%			103	75-125	
4-Bromofluorobenzene (S)	%			99	75-125	
Toluene-d8 (S)	%			101	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3222271 3222270

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		10468054010 Result	Spike Conc.	Spike Conc.	MS Result						
Benzene	ug/L	ND	20	20	23.2	22.3	116	111	30-150	4	30
Ethylbenzene	ug/L	ND	20	20	23.2	23.2	116	116	30-150	0	30
Toluene	ug/L	ND	20	20	22.6	22.1	113	110	30-150	2	30
Xylene (Total)	ug/L	ND	60	60	71.2	70.6	119	118	30-150	1	30
1,2-Dichloroethane-d4 (S)	%						104	101	75-125		
4-Bromofluorobenzene (S)	%						100	101	75-125		
Toluene-d8 (S)	%						101	101	75-125		

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QUALITY CONTROL DATA

Project: 70496.17

Pace Project No.: 10468054

QC Batch: 595543 Analysis Method: NWTPH-Dx
 QC Batch Method: EPA Mod. 3510C Analysis Description: NWTPH-Dx GCS LV SG
 Associated Lab Samples: 10468054001, 10468054002, 10468054003, 10468054004, 10468054005

METHOD BLANK: 3219772 Matrix: Water
 Associated Lab Samples: 10468054001, 10468054002, 10468054003, 10468054004, 10468054005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel Range SG	mg/L	ND	0.40	03/26/19 14:06	
Motor Oil Range SG	mg/L	ND	0.40	03/26/19 14:06	
n-Triacontane (S)	%.	80	50-150	03/26/19 14:06	
o-Terphenyl (S)	%.	81	50-150	03/26/19 14:06	

LABORATORY CONTROL SAMPLE & LCSD: 3219773

Parameter	Units	3219774							RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits				
Diesel Fuel Range SG	mg/L	2	1.7	1.6	87	81	50-150	7	20		
Motor Oil Range SG	mg/L	2	1.8	1.7	91	84	50-150	8	20		
n-Triacontane (S)	%.				91	83	50-150				
o-Terphenyl (S)	%.				84	78	50-150				

SAMPLE DUPLICATE: 3219775

Parameter	Units	10468054001 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Fuel Range SG	mg/L	1.4	1.5	10	30	
Motor Oil Range SG	mg/L	ND	ND		30	
n-Triacontane (S)	%.	86	86			
o-Terphenyl (S)	%.	81	83			

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QUALITY CONTROL DATA

Project: 70496.17
Pace Project No.: 10468054

QC Batch: 596315	Analysis Method: EPA 1664B OG
QC Batch Method: EPA 1664B OG	Analysis Description: 1664B HEM, Oil and Grease
Associated Lab Samples: 10468054014	

METHOD BLANK: 3223897 Matrix: Water
Associated Lab Samples: 10468054014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	03/29/19 10:06	

LABORATORY CONTROL SAMPLE: 3223898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	36.9	92	78-114	

MATRIX SPIKE SAMPLE: 3223899

Parameter	Units	40184567002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	<1.6	42.1	39.2	91	78-114	

SAMPLE DUPLICATE: 3223900

Parameter	Units	40184570001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	<1.4	ND		18	

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QUALIFIERS

Project: 70496.17

Pace Project No.: 10468054

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 596315

[BE] Batch extracted by solid phase extraction (SPE).

ANALYTE QUALIFIERS

1M Surrogate recovery outside laboratory control limits due to an emulsion forming in prep.

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METHOD CROSS REFERENCE TABLE

Project: 70496.17
Pace Project No.: 10468054

Parameter	Matrix	Analytical Method	Preparation Method
8260B MSV UST	Water	SW-846 8260B/5030B	N/A

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 70496.17

Pace Project No.: 10468054

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10468054001	GW-032219-JRL-INF 1	EPA Mod. 3510C	595543	NWTPH-Dx	595821
10468054002	GW-032219-JRL-INF 2	EPA Mod. 3510C	595543	NWTPH-Dx	595821
10468054003	GW-032219-JRL-MID 1	EPA Mod. 3510C	595543	NWTPH-Dx	595821
10468054004	GW-032219-JRL-MID 2	EPA Mod. 3510C	595543	NWTPH-Dx	595821
10468054005	GW-032219-JRL-Total EFF	EPA Mod. 3510C	595543	NWTPH-Dx	595821
10468054001	GW-032219-JRL-INF 1	NWTPH-Gx	596096		
10468054002	GW-032219-JRL-INF 2	NWTPH-Gx	596096		
10468054003	GW-032219-JRL-MID 1	NWTPH-Gx	596096		
10468054004	GW-032219-JRL-MID 2	NWTPH-Gx	596096		
10468054010	GW-032219-JRL-Total EFF 1-4	NWTPH-Gx	596096		
10468054015	Trip Blank	NWTPH-Gx	596096		
10468054001	GW-032219-JRL-INF 1	EPA 8260B	595610		
10468054002	GW-032219-JRL-INF 2	EPA 8260B	595610		
10468054003	GW-032219-JRL-MID 1	EPA 8260B	595610		
10468054004	GW-032219-JRL-MID 2	EPA 8260B	595610		
10468054010	GW-032219-JRL-Total EFF 1-4	EPA 8260B	595610		
10468054015	Trip Blank	EPA 8260B	595610		
10468054014	GW-032219-JRL-Total EFF 5-7	EPA 1664B OG	596315		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Sample Condition Upon Receipt

Client Name: GHD Services

Project #: **WO# 10468054**
 PM: JMG Due Date: 03/28/19
 GLTENT GRD COP

Courier: Fed Ex UPS USPS Client
 Pace Speedee Commercial See Exception

Tracking Number: 4486 7791 2869

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No Biological Tissue Frozen? Yes No N/A

Packing Material: Bubble Wrap Bubble Bags None Other: _____ Temp Blank? Yes No

Thermometer: G87A9155100842 G87A9170600254 Type of Ice: Wet Blue None Dry Melted

Note: Each West Virginia Sample must have temp taken (no temp blanks)

Temp should be above freezing to 6°C	Cooler Temp Read w/temp blank: <u>1.3</u> °C	Average Corrected Temp (no temp blank only): _____ °C	See Exceptions <input type="checkbox"/>
Correction Factor: <u>True</u>	Cooler Temp Corrected w/temp blank: <u>1.3</u> °C		

USDA Regulated Soil: N/A, water sample/Other: _____ Date/Initials of Person Examining Contents: HE 3/23/19
 Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? Yes No
 Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
 If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present and Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. <input type="checkbox"/> Fecal Coliform <input type="checkbox"/> HPC <input type="checkbox"/> Total Coliform/E coli <input type="checkbox"/> BOD/cBOD <input type="checkbox"/> Hex Chrome <input type="checkbox"/> Turbidity <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Orthophos <input type="checkbox"/> Other
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Field Filtered Volume Received for Dissolved Tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10. Is sediment visible in the dissolved container? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is sufficient information available to reconcile the samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. If no, write ID/ Date/Time on Container Below: <input type="checkbox"/> See Exception
Matrix: <input checked="" type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Oil <input type="checkbox"/> Other		
All containers needing acid/base preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12. Sample # <input type="checkbox"/> NaOH <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> Zinc Acetate
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , <2pH, NaOH >9 Sulfide, NaOH >12 Cyanide)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Positive for Res. <input type="checkbox"/> Yes <input type="checkbox"/> No
Exceptions: <u>VOA</u> Coliform, TOC/DOC <u>Oil and Grease</u> , <u>DRO/8015</u> (water) and Dioxin/PFAS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	See Exception <input type="checkbox"/>
Headspace in VOA Vials (greater than 6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13. <input checked="" type="checkbox"/> See Exception
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Custody Seals Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Pace Trip Blank Lot # (if purchased): <u>199662</u>

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: _____ Date/Time: _____ Field Data Required? Yes No
 Comments/Resolution: _____

Project Manager Review:

Note: Whenever there is a discrepancy affecting North Carolina, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers). JENNI GROSS Date: 03/25/19

Labeled by: HE

Appendix B

King County Self-Monitoring Reports (SMR)



King County

Industrial Waste Quarterly Self-Monitoring Report

Send to: King County Industrial Waste
201 S. Jackson St., Suite 513
Seattle, WA 98104-3855
Phone 206-477-5300
Email: info.KCIW@kingcounty.gov

Company Name: Phillips 66 Company

This form is available at www.kingcounty.gov/industrialwaste.

Please specify year: **2019**

QUARTER 1

Sample Site No.: A81491

Permit/DA No.: 7910-01

All units are mg/l unless otherwise noted. Note: Write in self-monitoring parameters, if not provided, e.g. Silver (Ag); delete or ignore FOG or SS, if not required.

Month	Sample Date	Sample Type C (Composite) G (Grab) BC (Batch)	benzene	ethylbenzene	toluene	xylene	Nonpolar fats, oils & grease (FOG) (Record average only)	pH	Total Monthly Flow (gallons)
January	01/09/19	G	<0.001	<0.001	<0.001	<0.003	<1.6	8.5	
	Total volume discharged for January								
February	02/13/19	G	<0.001	<0.001	<0.001	<0.003	<1.7	7.5	
	Total volume discharged for February								
March	03/22/19	G	<0.001	<0.001	<0.001	<0.003	<6.5	7.2	
	Total volume discharged for March								

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

Richard Solomon, Phillips 66 Program mgr. 4/5/2019
Signature of Principal Executive or Authorized Agent Date

Maximum daily flow from this quarter: **2,874** gallons. Date on which maximum daily flow occurred: **02/18/19**

Due Date: First Quarter Report is due by April 15 of each year.

Appendix C

Groundwater Monitoring Field Data Sheets



DAILY FIELD REPORT

Project Number: 070496.17	Date: 03-11-19	Site Address: 2423 Lind Ave SW
Project Name: Renton Terminal	Field Technician: JRL/DT	GHD PM: Christina McClelland
Weather: Cold AM / Cloudy	HSE Meeting Conducted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Equipment ID (GHD or rented): 070496.17 CHATTER LVL PROBE	Calibrated Completed: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
	Documented below or "D" form attached: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
	Calibration certificate for rental attached: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Time	Activity/Comments		
0545	PREP FOR T45M i AMPLIFYING RENTON		
POD	1-1.70	2-0.75	
Well No.	DTW	DTB	DTP
MW-1	7.70	20.35	—
MW-2	7.68	19.61	—
MW-3	6.44	19.87	—
MW-4	5.68	19.79	—
MW-5	8.26	20.07	—
MW-6	9.40	19.92	—
MW-7	9.21	19.90	—
MW-8	8.54	19.95	—
MW-10	8.79	20.20	—
MW-11	4.48	19.81	—
MW-12	6.73	19.69	—
MW-13	5.25	18.98	—
MW-15	6.65	19.96	—
MW-16	7.27	17.81	—
B-4	4.59	11.10	—
B-6	4.59	11.86	—
D-1R	7.70	20.06	—
DPE 25	7.50	—	7.44
DPE 26	8.66	—	7.46
DPE 27	9.34	—	7.30
DPE 31	8.20	—	—
DPE 35	12.56	—	7.22
DPE 36	7.63	—	7.60
DPE 39	13.31	—	7.31
DPE 40	10.70	—	7.41
DPE 41	11.03	—	7.60
DPE 49	14.00	—	7.45
DPE 54	9.102	—	8.89
EX-1	9.27	—	7.38

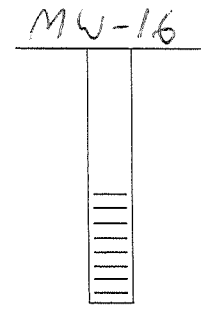
CRACK IN LID, NEED REPLACED

DPE 32 780P 10.47 W

Project Data:

Project Name: REXTON
Ref. No.: 070446-17

Date: 3/14/19
Personnel: D. Johnson



Monitoring Well Data:

Well No.: MW 16
Vapour PID (ppm): _____
Measurement Point: TOL
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): 17.81
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2" PVC
Well Screen Volume, V_s (L)⁽⁴⁾: _____
Initial Depth to Water (m/ft): 7.27

Start Pump: 0745

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, V _p (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		
0815	150	7.56	0.29	9.32	138.3	21.6	1.78	6.02	100		
0820	↓	7.55	0.28	9.39	138.5	23.0	1.75	6.02	97		
0825	↓	7.55	0.28	9.41	138.5	22.1	1.74	6.03	97		
0830	Sampled										

Sample ID: GW-031419-DT-MW 16 Sample Time: 0830

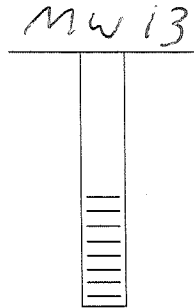
Notes:

- (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 = V_p/V_s.
- (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.

Project Data:

Project Name: Newton
Ref. No.: 070196-17

Date: 3/14/19
Personnel: D-Johnson



Monitoring Well Data:

Well No.: MW 13
Vapour PID (ppm): _____
Measurement Point: TOL
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): 18.98
Depth of Sediment (m/ft): _____
Start pump 0850

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2" PVC
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 5.25

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, V _p (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		
0920	150	5.30	0.05	8.56	136.9	4.51	1.85	5.84	108		
0925	↓	5.30	0.05	8.60	136.8	4.79	1.80	5.84	109		
0930	↓	5.30	0.05	8.63	136.8	4.90	1.78	5.83	111		
0935	Sampled										

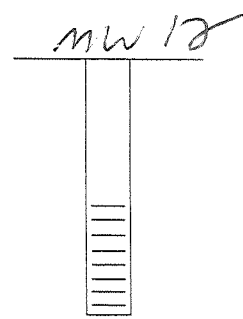
Sample ID: 6w-031419-DT-MW13 Sample Time: 0935

- 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= V_p/V_s.
 - (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.

Project Data:

Project Name: REWTON
Ref. No.: 070496-17

Date: 3/14/19
Personnel: D. J. ...



Monitoring Well Data:

Well No.: MW-12
Vapour PID (ppm): _____
Measurement Point: TOL
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): 19.69
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2" PVC
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 6.73

Start pump 0945

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, V _p (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		
1015	150	6.95	0.22	10.58	220.3	8.87	1.07	6.00	80		
1020	↓	6.97	0.21	10.61	220.4	8.00	1.07	6.02	78		
1025	↓	6.95	0.22	10.64	220.1	8.09	1.03	6.01	77		
1030	Sampled										

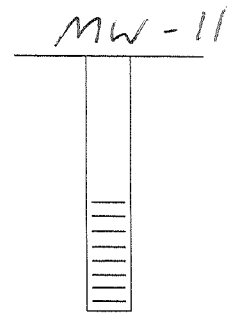
Sample ID: GW-031419-DT-MW12 Sample Time: 1030

- 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 $r = (D/2)$ 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 = V_p / V_s .
 - (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.

Project Data:

Project Name: Renton
Ref. No.: 070996-17

Date: 3/17/19
Personnel: D. Turner



Monitoring Well Data:

Well No.: MW 11
Vapour PID (ppm): _____
Measurement Point: TDL
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): 19.81
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2" PVC
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 4.48

Start pump 1050

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, V _p (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		
1120	150	4.48	0.00	9.72	253.4	1.67	1.10	6.46	31		
1125	↓	4.48	0.00	9.72	253.6	1.57	1.08	6.47	30		
1130	↓	4.48	0.00	9.71	253.9	1.80	1.08	6.47	29		
1135	↓	4.48	0.00	9.68	251.2	1.59	1.07	6.48	29		
1140	Sampled										

Sample ID: Gw-031719-DT-MW11

Sample Time: 1140

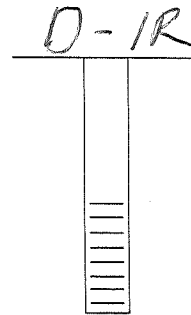
Notes:

- 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.
- 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
- 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.
- 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= V_p/V_s.
- 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.

Project Data:

Project Name: RENTON
Ref. No.: 070496-17

Date: 3/14/19
Personnel: D. INJEN



Monitoring Well Data:

Well No.: D-1R
Vapour PID (ppm): _____
Measurement Point: TOL
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): 20.06
Depth of Sediment (m/ft): _____
1220 START PUMP.

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2" PVC
Well Screen Volume, V_s (L)⁽⁴⁾: _____
Initial Depth to Water (m/ft): 7.70

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, V _p (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		
1250	150	7.70	0.00	12.01	555.7	4.97	1.28	6.46	26		
1255	↓	7.71	0.01	12.07	555.9	5.09	1.25	6.48	19		
1300	↓	7.71	0.01	12.12	556.3	4.75	1.18	6.49	17		
1305	sampled										

Sample ID: GW-031419-0T-D1R Sample Time: 1305

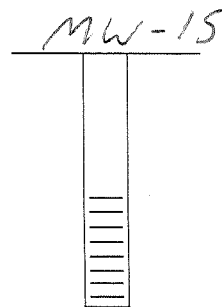
Notes:

- (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 $r = (D/2)$ 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 = V_p/V_s .
- (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.

Project Data:

Project Name: Renston
Ref. No.: 070996-17

Date: 3/14/19
Personnel: D. Jensen



Monitoring Well Data:

Well No.: MW-15
Vapour PID (ppm): _____
Measurement Point: TOC
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): 19.96
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2"
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 6.65

1330 start pump

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, V _p (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	150	6.68	0.03	11.16	345.5	3.27	1.10	6.54	3		
1705	↓	6.67	0.02	11.20	345.3	3.09	1.06	6.55	1		
1410	↓	6.67	0.02	11.21	345.5	3.31	1.05	6.55	0		
1415	sampled										

Sample ID: 6W-031419-DT-MW15 Sample Time: 1415

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= V_p/V_s.
- (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.

Project Data:

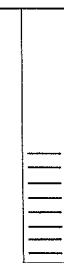
Project Name: RENTON TERMINAL
Ref. No.: 070496.17

Date: 03-14-19
Personnel: JRL
DT

Monitoring Well Data:

Well No.: MW-1
Vapour PID (ppm): —
Measurement Point: TOC
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): 2"
Well Screen Volume, V_s (L)⁽⁴⁾: —
Initial Depth to Water (m/ft): 7.70



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, V _p (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		
0830	—	START	PUMPING								
0845	100	7.78	0.08	10.3	0.59	2.25	0.61	5.77	-114.9		
0850	100	7.81	0.11	10.5	0.59	2.16	0.30	5.82	-121.9		
0855	100	7.85	0.15	10.5	0.59	1.89	0.25	5.90	-136.5		
0900	100	7.87	0.17	10.6	0.59	1.73	0.29	6.03	-141.6		
0905	100	7.87	0.17	10.5	0.59	1.81	0.33	6.05	-142.5		

0910

Sample ID: GN-031419-JRL-MW1

Sample Time: 0910

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= V_p/V_s.
- (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.

Project Data:

Project Name: RENTON TERMINAL
Ref. No.: 070496.17

Date: 03-14-19
Personnel: JRL
DT

Monitoring Well Data:

Well No.: MW-2
Vapour PID (ppm):
Measurement Point: TOC
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): 2"
Well Screen Volume, V_s (L)⁽²⁾:
Initial Depth to Water (m/ft): 7.68



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, V _p (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											
0920	 	START	PUMPING	 	 	 	 	 	 	 	
0930	100	7.84	.16	10.4	0.285	11.12	0.25	6.46	-94.0		
0935	100	7.89	.09	10.6	0.285	6.78	0.21	6.40	-102.0		
0940	100	7.91	.03	10.7	0.285	5.39	0.20	6.39	-105.3		
0945	100	7.93	.25	10.6	0.285	6.39	0.22	6.39	-106.4		

Sample ID: GN-031419-JRL-MW-2

Sample Time: 0950

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= V_p/V_s.
- (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.

Project Data:

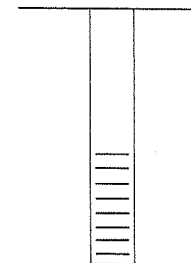
Project Name: RENTON TERMINAL
Ref. No.: 070496.17

Date: 03-14-19
Personnel: JRL
DT

Monitoring Well Data:

Well No.: MW-3
Vapour PID (ppm): _____
Measurement Point: TOC
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): 2"
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 6.44



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, V _p (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			
1005			START PUMPING								
1015	100	6.70	0.26	7.9	0.085	6.95	1.00	6.20	27.2		
1020	100	6.78	0.34	7.9	0.080	6.94	0.88	5.90	44.9		
1025	100	6.81	0.37	7.8	0.077	6.32	0.83	5.70	53.0		
1030	100	6.85	0.41	7.8	0.076	5.81	0.80	5.69	54.1		
1035	100	6.88	0.44	7.8	0.073	5.35	0.80	5.68	54.7		

Sample ID: GW-031419-JRL-MW3

Sample Time: 1040

Notes:

- 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.
- 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 $r = (D/2)$ and L are in cm. For Imperial units, $V_s = \pi * (r^2) * L * (2.54)^3$, where r and L are in inches
- 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.
- 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 = V_p/V_s .
- 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.

Project Data:

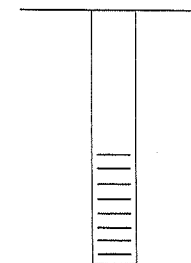
Project Name: RENTON RENTON
Ref. No.: 070496.17

Date: 03-14-19
Personnel: JRL
DT

Monitoring Well Data:

Well No.: MW-4
Vapour PID (ppm): —
Measurement Point: TOC
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): 2"
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, V _p (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	—	—	START PUMP	—	—	—	—	—	—	—	—
1135	100			9.7	0.065	5.50	0.46	5.63	21.5		
1140	100			9.6	0.065	5.15	0.41	5.61	20.1		
1145	100			9.5	0.065	4.93	0.39	5.62	19.6		
1150	100			9.6	0.064	4.80	0.36	5.58	19.1		
1155	100			9.6	0.064	4.67	0.34	5.58	18.7		

Sample ID: GW-031419-JRL-MW4

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= V_p/V_s.
- (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.

Project Data:

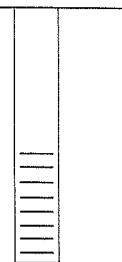
Project Name: RENTON TERMINAL
Ref. No.: 070496.12

Date: 03-14-19
Personnel: JRL
DT

Monitoring Well Data:

Well No.: MW-6
Vapour PID (ppm):
Measurement Point: TOC
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): 2"
Well Screen Volume, V_s (L)⁽²⁾:
Initial Depth to Water (m/ft): 9.40



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, V _p (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		
<u>1215</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1220</u>	<u>100</u>	<u>9.73</u>	<u>.23</u>	<u>10.8</u>	<u>0.335</u>	<u>5.15</u>	<u>0.19</u>	<u>5.84</u>	<u>-109.8</u>		
<u>1225</u>	<u>100</u>	<u>9.78</u>	<u>.28</u>	<u>11.0</u>	<u>0.346</u>	<u>4.73</u>	<u>0.54</u>	<u>5.95</u>	<u>-118.3</u>		
<u>1230</u>	<u>100</u>	<u>9.84</u>	<u>.44</u>	<u>11.0</u>	<u>0.351</u>	<u>3.29</u>	<u>0.50</u>	<u>5.99</u>	<u>-120.7</u>		
<u>1235</u>	<u>100</u>	<u>9.86</u>	<u>.46</u>	<u>11.0</u>	<u>0.353</u>	<u>2.14</u>	<u>0.46</u>	<u>6.01</u>	<u>-122.3</u>		
<u>1240</u>	<u>100</u>	<u>9.89</u>	<u>.49</u>	<u>11.0</u>	<u>0.353</u>	<u>1.05</u>	<u>0.45</u>	<u>6.03</u>	<u>-123.9</u>		

Sample ID: GW-031419-JRL-MW6

Sample Time: 1245

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= V_p/V_s.
- (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.

Project Data:

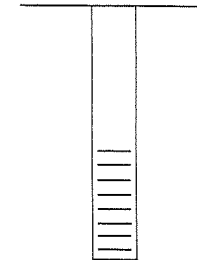
Project Name: REXTON TERMINAL
Ref. No.: 070496.17

Date: 03-14-19
Personnel: JRL
DT

Monitoring Well Data:

Well No.: MW-10
Vapour PID (ppm):
Measurement Point: TOL
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): 2"
Well Screen Volume, V_s (L)⁽²⁾:
Initial Depth to Water (m/ft): 8.79



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, V _p (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			
<u>1200</u>			<u>START</u>								
	<u>PUMPING</u>										
<u>1305</u>	<u>100</u>	<u>8.93</u>	<u>0.14</u>	<u>13.0</u>	<u>0.74</u>	<u>6.08</u>	<u>0.81</u>	<u>6.39</u>	<u>-16.7</u>		
<u>1310</u>	<u>100</u>	<u>8.97</u>	<u>0.18</u>	<u>13.2</u>	<u>0.75</u>	<u>7.15</u>	<u>0.61</u>	<u>6.51</u>	<u>-11.2</u>		
<u>1315</u>	<u>100</u>	<u>9.04</u>	<u>0.25</u>	<u>13.1</u>	<u>0.76</u>	<u>6.73</u>	<u>0.76</u>	<u>6.58</u>	<u>-8.8</u>		
<u>1320</u>	<u>100</u>	<u>9.06</u>	<u>0.27</u>	<u>13.2</u>	<u>0.76</u>	<u>5.57</u>	<u>0.32</u>	<u>6.63</u>	<u>-12.1</u>		
<u>1325</u>	<u>100</u>	<u>9.08</u>	<u>0.29</u>	<u>13.2</u>	<u>0.76</u>	<u>5.15</u>	<u>0.31</u>	<u>6.63</u>	<u>-16.5</u>		

Sample ID: gw-031419-JRL-MW-10 (DUP-1)

Sample Time: 1330

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= V_p/V_s.
- (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.

Appendix D

Groundwater Monitoring Analytical Reports

March 22, 2019

Christina McClelland
GHD Services, Inc.
20818 44th Ave W
Suite 190
Lynnwood, WA 98036

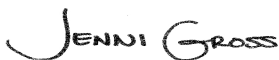
RE: Project: 070496.17 Renton GW
Pace Project No.: 10467183

Dear Christina McClelland:

Enclosed are the analytical results for sample(s) received by the laboratory on March 16, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Gross
jennifer.gross@pacelabs.com
(206)957-2426
Project Manager

Enclosures

cc: Thuan Bui, GHD
Jeffrey Cloud, GHD Services Inc.
Eric Maise, GHD Services Inc.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10467183001	GW-031419-DT-MW-16	Water	03/14/19 08:30	03/16/19 09:00
10467183002	GW-031419-DT-MW-13	Water	03/14/19 09:35	03/16/19 09:00
10467183003	GW-031419-DT-MW-12	Water	03/14/19 10:30	03/16/19 09:00
10467183004	GW-031419-DT-MW-11	Water	03/14/19 11:40	03/16/19 09:00
10467183005	GW-031419-DT-D-IR	Water	03/14/19 13:05	03/16/19 09:00
10467183006	GW-031419-DT-MW-15	Water	03/14/19 14:15	03/16/19 09:00
10467183007	GW-031419-JRL-MW1	Water	03/14/19 09:10	03/16/19 09:00
10467183008	GW-031419-JRL-MW2	Water	03/14/19 09:50	03/16/19 09:00
10467183009	GW-031419-JRL-MW3	Water	03/14/19 10:40	03/16/19 09:00
10467183010	GW-031419-JRL-MW4	Water	03/14/19 12:00	03/16/19 09:00
10467183011	GW-031419-JRL-MW6	Water	03/14/19 12:45	03/16/19 09:00
10467183012	GW-031419-JRL-MW10	Water	03/14/19 13:30	03/16/19 09:00
10467183013	DUP-1	Water	03/14/19 00:00	03/16/19 09:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 070496.17 Renton GW
Pace Project No.: 10467183

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10467183001	GW-031419-DT-MW-16	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183002	GW-031419-DT-MW-13	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183003	GW-031419-DT-MW-12	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183004	GW-031419-DT-MW-11	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183005	GW-031419-DT-D-IR	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183006	GW-031419-DT-MW-15	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183007	GW-031419-JRL-MW1	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183008	GW-031419-JRL-MW2	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183009	GW-031419-JRL-MW3	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183010	GW-031419-JRL-MW4	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183011	GW-031419-JRL-MW6	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183012	GW-031419-JRL-MW10	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10467183013	DUP-1	NWTPH-Dx	JVM	4	PASI-M

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 070496.17 Renton GW
Pace Project No.: 10467183

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Sample: GW-031419-DT-MW-16		Lab ID: 10467183001	Collected: 03/14/19 08:30	Received: 03/16/19 09:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.43	1	03/19/19 08:47	03/20/19 16:43	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.43	1	03/19/19 08:47	03/20/19 16:43	64742-65-0	
Surrogates								
o-Terphenyl (S)	89	%.	50-150	1	03/19/19 08:47	03/20/19 16:43	84-15-1	
n-Triacontane (S)	89	%.	50-150	1	03/19/19 08:47	03/20/19 16:43	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/20/19 18:47		
Surrogates								
a,a,a-Trifluorotoluene (S)	86	%.	50-150	1		03/20/19 18:47	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/20/19 21:59	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/20/19 21:59	100-41-4	
Toluene	ND	ug/L	1.0	1		03/20/19 21:59	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/20/19 21:59	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%.	75-125	1		03/20/19 21:59	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1		03/20/19 21:59	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-125	1		03/20/19 21:59	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Sample: GW-031419-DT-MW-13	Lab ID: 10467183002	Collected: 03/14/19 09:35	Received: 03/16/19 09:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.40	1	03/19/19 08:47	03/20/19 17:05	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.40	1	03/19/19 08:47	03/20/19 17:05	64742-65-0	
Surrogates								
o-Terphenyl (S)	87	%.	50-150	1	03/19/19 08:47	03/20/19 17:05	84-15-1	
n-Triacontane (S)	90	%.	50-150	1	03/19/19 08:47	03/20/19 17:05	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/20/19 19:04		
Surrogates								
a,a,a-Trifluorotoluene (S)	85	%.	50-150	1		03/20/19 19:04	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/20/19 22:16	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/20/19 22:16	100-41-4	
Toluene	ND	ug/L	1.0	1		03/20/19 22:16	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/20/19 22:16	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%.	75-125	1		03/20/19 22:16	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1		03/20/19 22:16	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/20/19 22:16	460-00-4	

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-031419-DT-MW-12 Lab ID: 10467183003 Collected: 03/14/19 10:30 Received: 03/16/19 09:00 Matrix: Water								
NWTPH-Dx GCS Silica Gel LV Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C								
Diesel Fuel Range SG	ND	mg/L	0.43	1	03/19/19 08:47	03/20/19 17:16	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.43	1	03/19/19 08:47	03/20/19 17:16	64742-65-0	
Surrogates								
o-Terphenyl (S)	86	%	50-150	1	03/19/19 08:47	03/20/19 17:16	84-15-1	
n-Triacontane (S)	82	%	50-150	1	03/19/19 08:47	03/20/19 17:16	638-68-6	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx								
TPH as Gas	ND	ug/L	100	1		03/20/19 19:21		
Surrogates								
a,a,a-Trifluorotoluene (S)	85	%	50-150	1		03/20/19 19:21	98-08-8	
8260B MSV UST Analytical Method: EPA 8260B								
Benzene	ND	ug/L	1.0	1		03/20/19 22:33	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/20/19 22:33	100-41-4	
Toluene	ND	ug/L	1.0	1		03/20/19 22:33	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/20/19 22:33	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	75-125	1		03/20/19 22:33	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		03/20/19 22:33	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125	1		03/20/19 22:33	460-00-4	

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GW-031419-DT-MW-11 Lab ID: 10467183004 Collected: 03/14/19 11:40 Received: 03/16/19 09:00 Matrix: Water								
NWTPH-Dx GCS Silica Gel LV Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C								
Diesel Fuel Range SG	ND	mg/L	0.40	1	03/19/19 08:47	03/20/19 17:27	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.40	1	03/19/19 08:47	03/20/19 17:27	64742-65-0	
Surrogates								
o-Terphenyl (S)	89	%	50-150	1	03/19/19 08:47	03/20/19 17:27	84-15-1	
n-Triacontane (S)	91	%	50-150	1	03/19/19 08:47	03/20/19 17:27	638-68-6	
NWTPH-Gx GCV Analytical Method: NWTPH-Gx								
TPH as Gas	ND	ug/L	100	1		03/20/19 19:38		G-
Surrogates								
a,a,a-Trifluorotoluene (S)	85	%	50-150	1		03/20/19 19:38	98-08-8	
8260B MSV UST Analytical Method: EPA 8260B								
Benzene	ND	ug/L	1.0	1		03/20/19 22:50	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/20/19 22:50	100-41-4	
Toluene	ND	ug/L	1.0	1		03/20/19 22:50	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/20/19 22:50	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	75-125	1		03/20/19 22:50	17060-07-0	
Toluene-d8 (S)	97	%	75-125	1		03/20/19 22:50	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125	1		03/20/19 22:50	460-00-4	

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Sample: GW-031419-DT-D-IR		Lab ID: 10467183005		Collected: 03/14/19 13:05	Received: 03/16/19 09:00	Matrix: Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.43	1	03/19/19 08:47	03/20/19 17:37	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.43	1	03/19/19 08:47	03/20/19 17:37	64742-65-0	
Surrogates								
o-Terphenyl (S)	85	%.	50-150	1	03/19/19 08:47	03/20/19 17:37	84-15-1	
n-Triacontane (S)	88	%.	50-150	1	03/19/19 08:47	03/20/19 17:37	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	778	ug/L	100	1		03/20/19 19:54		G-
Surrogates								
a,a,a-Trifluorotoluene (S)	85	%.	50-150	1		03/20/19 19:54	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/20/19 23:07	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/20/19 23:07	100-41-4	
Toluene	ND	ug/L	1.0	1		03/20/19 23:07	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/20/19 23:07	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%.	75-125	1		03/20/19 23:07	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1		03/20/19 23:07	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125	1		03/20/19 23:07	460-00-4	

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Sample: GW-031419-DT-MW-15		Lab ID: 10467183006		Collected: 03/14/19 14:15	Received: 03/16/19 09:00	Matrix: Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.40	1	03/19/19 08:47	03/20/19 17:48	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.40	1	03/19/19 08:47	03/20/19 17:48	64742-65-0	
Surrogates								
o-Terphenyl (S)	84	%	50-150	1	03/19/19 08:47	03/20/19 17:48	84-15-1	
n-Triacontane (S)	82	%	50-150	1	03/19/19 08:47	03/20/19 17:48	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	332	ug/L	100	1		03/20/19 20:45		G-
Surrogates								
a,a,a-Trifluorotoluene (S)	83	%	50-150	1		03/20/19 20:45	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	31.5	ug/L	1.0	1		03/20/19 23:23	71-43-2	
Ethylbenzene	1.8	ug/L	1.0	1		03/20/19 23:23	100-41-4	
Toluene	ND	ug/L	1.0	1		03/20/19 23:23	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/20/19 23:23	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	75-125	1		03/20/19 23:23	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		03/20/19 23:23	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125	1		03/20/19 23:23	460-00-4	

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Sample: GW-031419-JRL-MW1		Lab ID: 10467183007		Collected: 03/14/19 09:10	Received: 03/16/19 09:00	Matrix: Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.38	1	03/19/19 08:47	03/20/19 17:59	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.38	1	03/19/19 08:47	03/20/19 17:59	64742-65-0	
Surrogates								
o-Terphenyl (S)	78	%.	50-150	1	03/19/19 08:47	03/20/19 17:59	84-15-1	
n-Triacontane (S)	84	%.	50-150	1	03/19/19 08:47	03/20/19 17:59	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/20/19 21:02		
Surrogates								
a,a,a-Trifluorotoluene (S)	82	%.	50-150	1		03/20/19 21:02	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/20/19 23:40	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/20/19 23:40	100-41-4	
Toluene	ND	ug/L	1.0	1		03/20/19 23:40	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/20/19 23:40	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%.	75-125	1		03/20/19 23:40	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1		03/20/19 23:40	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/20/19 23:40	460-00-4	

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Sample: GW-031419-JRL-MW2		Lab ID: 10467183008		Collected: 03/14/19 09:50	Received: 03/16/19 09:00	Matrix: Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.38	1	03/19/19 08:47	03/20/19 18:10	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.38	1	03/19/19 08:47	03/20/19 18:10	64742-65-0	
Surrogates								
o-Terphenyl (S)	80	%.	50-150	1	03/19/19 08:47	03/20/19 18:10	84-15-1	
n-Triacontane (S)	81	%.	50-150	1	03/19/19 08:47	03/20/19 18:10	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/20/19 15:08		M1
Surrogates								
a,a,a-Trifluorotoluene (S)	82	%.	50-150	1		03/20/19 15:08	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/20/19 23:57	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/20/19 23:57	100-41-4	
Toluene	ND	ug/L	1.0	1		03/20/19 23:57	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/20/19 23:57	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%.	75-125	1		03/20/19 23:57	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1		03/20/19 23:57	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	75-125	1		03/20/19 23:57	460-00-4	

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Sample: GW-031419-JRL-MW3		Lab ID: 10467183009	Collected: 03/14/19 10:40	Received: 03/16/19 09:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.43	1	03/19/19 08:47	03/20/19 18:21	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.43	1	03/19/19 08:47	03/20/19 18:21	64742-65-0	
Surrogates								
o-Terphenyl (S)	86	%.	50-150	1	03/19/19 08:47	03/20/19 18:21	84-15-1	
n-Triacontane (S)	89	%.	50-150	1	03/19/19 08:47	03/20/19 18:21	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/20/19 21:18		
Surrogates								
a,a,a-Trifluorotoluene (S)	86	%.	50-150	1		03/20/19 21:18	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/20/19 20:01	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/20/19 20:01	100-41-4	
Toluene	ND	ug/L	1.0	1		03/20/19 20:01	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/20/19 20:01	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%.	75-125	1		03/20/19 20:01	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1		03/20/19 20:01	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/20/19 20:01	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Sample: GW-031419-JRL-MW4		Lab ID: 10467183010		Collected: 03/14/19 12:00	Received: 03/16/19 09:00	Matrix: Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.42	1	03/19/19 08:47	03/20/19 18:31	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.42	1	03/19/19 08:47	03/20/19 18:31	64742-65-0	
Surrogates								
o-Terphenyl (S)	74	%.	50-150	1	03/19/19 08:47	03/20/19 18:31	84-15-1	
n-Triacontane (S)	83	%.	50-150	1	03/19/19 08:47	03/20/19 18:31	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/20/19 21:35		
Surrogates								
a,a,a-Trifluorotoluene (S)	82	%.	50-150	1		03/20/19 21:35	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/21/19 00:14	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/21/19 00:14	100-41-4	
Toluene	ND	ug/L	1.0	1		03/21/19 00:14	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/21/19 00:14	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%.	75-125	1		03/21/19 00:14	17060-07-0	
Toluene-d8 (S)	100	%.	75-125	1		03/21/19 00:14	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-125	1		03/21/19 00:14	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Sample: GW-031419-JRL-MW6	Lab ID: 10467183011	Collected: 03/14/19 12:45	Received: 03/16/19 09:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.39	1	03/19/19 08:47	03/20/19 18:42	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.39	1	03/19/19 08:47	03/20/19 18:42	64742-65-0	
Surrogates								
o-Terphenyl (S)	80	%.	50-150	1	03/19/19 08:47	03/20/19 18:42	84-15-1	
n-Triacontane (S)	81	%.	50-150	1	03/19/19 08:47	03/20/19 18:42	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/20/19 21:52		G-
Surrogates								
a,a,a-Trifluorotoluene (S)	83	%.	50-150	1		03/20/19 21:52	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/21/19 00:31	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/21/19 00:31	100-41-4	
Toluene	ND	ug/L	1.0	1		03/21/19 00:31	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/21/19 00:31	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%.	75-125	1		03/21/19 00:31	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1		03/21/19 00:31	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1		03/21/19 00:31	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Sample: GW-031419-JRL-MW10		Lab ID: 10467183012		Collected: 03/14/19 13:30	Received: 03/16/19 09:00	Matrix: Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.38	1	03/19/19 08:47	03/20/19 19:04	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.38	1	03/19/19 08:47	03/20/19 19:04	64742-65-0	
Surrogates								
o-Terphenyl (S)	88	%.	50-150	1	03/19/19 08:47	03/20/19 19:04	84-15-1	
n-Triacontane (S)	85	%.	50-150	1	03/19/19 08:47	03/20/19 19:04	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/20/19 18:13		
Surrogates								
a,a,a-Trifluorotoluene (S)	84	%.	50-150	1		03/20/19 18:13	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/21/19 00:48	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/21/19 00:48	100-41-4	
Toluene	ND	ug/L	1.0	1		03/21/19 00:48	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/21/19 00:48	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%.	75-125	1		03/21/19 00:48	17060-07-0	
Toluene-d8 (S)	97	%.	75-125	1		03/21/19 00:48	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1		03/21/19 00:48	460-00-4	

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ANALYTICAL RESULTS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Sample: DUP-1		Lab ID: 10467183013		Collected: 03/14/19 00:00	Received: 03/16/19 09:00	Matrix: Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV		Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C						
Diesel Fuel Range SG	ND	mg/L	0.39	1	03/19/19 08:47	03/20/19 19:15	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.39	1	03/19/19 08:47	03/20/19 19:15	64742-65-0	
Surrogates								
o-Terphenyl (S)	93	%.	50-150	1	03/19/19 08:47	03/20/19 19:15	84-15-1	
n-Triacontane (S)	91	%.	50-150	1	03/19/19 08:47	03/20/19 19:15	638-68-6	
NWTPH-Gx GCV		Analytical Method: NWTPH-Gx						
TPH as Gas	ND	ug/L	100	1		03/20/19 22:09		
Surrogates								
a,a,a-Trifluorotoluene (S)	90	%.	50-150	1		03/20/19 22:09	98-08-8	
8260B MSV UST		Analytical Method: EPA 8260B						
Benzene	ND	ug/L	1.0	1		03/21/19 01:05	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/21/19 01:05	100-41-4	
Toluene	ND	ug/L	1.0	1		03/21/19 01:05	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/21/19 01:05	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%.	75-125	1		03/21/19 01:05	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1		03/21/19 01:05	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		03/21/19 01:05	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 070496.17 Renton GW
Pace Project No.: 10467183

QC Batch: 594764 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10467183001, 10467183002, 10467183003, 10467183004, 10467183005, 10467183006, 10467183007, 10467183008, 10467183009, 10467183010, 10467183011, 10467183012, 10467183013

METHOD BLANK: 3215313 Matrix: Water
Associated Lab Samples: 10467183001, 10467183002, 10467183003, 10467183004, 10467183005, 10467183006, 10467183007, 10467183008, 10467183009, 10467183010, 10467183011, 10467183012, 10467183013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	03/20/19 14:34	
a,a,a-Trifluorotoluene (S)	%.	85	50-150	03/20/19 14:34	

METHOD BLANK: 3215314 Matrix: Water
Associated Lab Samples: 10467183001, 10467183002, 10467183003, 10467183004, 10467183005, 10467183006, 10467183007, 10467183008, 10467183009, 10467183010, 10467183011, 10467183012, 10467183013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	03/20/19 14:51	
a,a,a-Trifluorotoluene (S)	%.	85	50-150	03/20/19 14:51	

LABORATORY CONTROL SAMPLE & LCSD: 3215315 3215316

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	980	989	98	99	75-125	1	20	
a,a,a-Trifluorotoluene (S)	%.				97	95	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3215453 3215454

Parameter	Units	10467183008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	ug/L	ND	1000	1000	1140	1430	109	139	75-125	23	30	M1
a,a,a-Trifluorotoluene (S)	%.						96	98	50-150			

SAMPLE DUPLICATE: 3215452

Parameter	Units	10467076007 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	445	464	4	30	G-
a,a,a-Trifluorotoluene (S)	%.	88	89	1		

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QUALITY CONTROL DATA

Project: 070496.17 Renton GW
Pace Project No.: 10467183

SAMPLE DUPLICATE: 3215455

Parameter	Units	10467183012 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	ND		30	
a,a,a-Trifluorotoluene (S)	%.	84	85	0		

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QUALITY CONTROL DATA

Project: 070496.17 Renton GW
Project No.: 10467183

QC Batch: 594825 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10467183001, 10467183002, 10467183003, 10467183004, 10467183005, 10467183006, 10467183007, 10467183008, 10467183009, 10467183010, 10467183011, 10467183012, 10467183013

METHOD BLANK: 3215673 Matrix: Water
Associated Lab Samples: 10467183001, 10467183002, 10467183003, 10467183004, 10467183005, 10467183006, 10467183007, 10467183008, 10467183009, 10467183010, 10467183011, 10467183012, 10467183013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/20/19 19:27	
Ethylbenzene	ug/L	ND	1.0	03/20/19 19:27	
Toluene	ug/L	ND	1.0	03/20/19 19:27	
Xylene (Total)	ug/L	ND	3.0	03/20/19 19:27	
1,2-Dichloroethane-d4 (S)	%	101	75-125	03/20/19 19:27	
4-Bromofluorobenzene (S)	%	102	75-125	03/20/19 19:27	
Toluene-d8 (S)	%	99	75-125	03/20/19 19:27	

LABORATORY CONTROL SAMPLE: 3215674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	18.8	94	75-125	
Ethylbenzene	ug/L	20	19.3	97	75-125	
Toluene	ug/L	20	19.5	97	75-125	
Xylene (Total)	ug/L	60	60.7	101	75-125	
1,2-Dichloroethane-d4 (S)	%			102	75-125	
4-Bromofluorobenzene (S)	%			100	75-125	
Toluene-d8 (S)	%			101	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3215707 3215708

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		10467183009 Result	Spike Conc.	Spike Conc.	MS Result						
Benzene	ug/L	ND	20	20	20.7	19.3	104	97	30-150	7	30
Ethylbenzene	ug/L	ND	20	20	20.9	20.2	104	101	30-150	3	30
Toluene	ug/L	ND	20	20	20.9	20.0	105	100	30-150	5	30
Xylene (Total)	ug/L	ND	60	60	64.8	63.5	108	106	30-150	2	30
1,2-Dichloroethane-d4 (S)	%						99	97	75-125		
4-Bromofluorobenzene (S)	%						100	100	75-125		
Toluene-d8 (S)	%						100	101	75-125		

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QUALITY CONTROL DATA

Project: 070496.17 Renton GW

Pace Project No.: 10467183

QC Batch:	594419	Analysis Method:	NWTPH-Dx
QC Batch Method:	EPA Mod. 3510C	Analysis Description:	NWTPH-Dx GCS LV SG
Associated Lab Samples:	10467183001, 10467183002, 10467183003, 10467183004, 10467183005, 10467183006, 10467183007, 10467183008, 10467183009, 10467183010, 10467183011, 10467183012, 10467183013		

METHOD BLANK:	3213639	Matrix:	Water
Associated Lab Samples:	10467183001, 10467183002, 10467183003, 10467183004, 10467183005, 10467183006, 10467183007, 10467183008, 10467183009, 10467183010, 10467183011, 10467183012, 10467183013		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel Range SG	mg/L	ND	0.40	03/20/19 16:11	
Motor Oil Range SG	mg/L	ND	0.40	03/20/19 16:11	
n-Triacontane (S)	%	97	50-150	03/20/19 16:11	
o-Terphenyl (S)	%	91	50-150	03/20/19 16:11	

Parameter	Units	3213640		3213641		% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec				
Diesel Fuel Range SG	mg/L	2	1.9	1.7	97	86	50-150	13	20
Motor Oil Range SG	mg/L	2	2.1	1.8	103	91	50-150	11	20
n-Triacontane (S)	%				96	79	50-150		
o-Terphenyl (S)	%				88	76	50-150		

Parameter	Units	10467183001		Dup Result	RPD	Max RPD	Qualifiers
		Result	Result				
Diesel Fuel Range SG	mg/L	ND	ND	ND		30	
Motor Oil Range SG	mg/L	ND	ND	ND		30	
n-Triacontane (S)	%	89	86	86	1		
o-Terphenyl (S)	%	89	81	81	7		

Parameter	Units	10467183011		Dup Result	RPD	Max RPD	Qualifiers
		Result	Result				
Diesel Fuel Range SG	mg/L	ND	ND	ND		30	
Motor Oil Range SG	mg/L	ND	ND	ND		30	
n-Triacontane (S)	%	81	81	81	3		
o-Terphenyl (S)	%	80	84	84	8		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 070496.17 Renton GW

Pace Project No.: 10467183

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

G- Early peaks present outside the GRO window.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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METHOD CROSS REFERENCE TABLE

Project: 070496.17 Renton GW

Pace Project No.: 10467183

Parameter	Matrix	Analytical Method	Preparation Method
8260B MSV UST	Water	SW-846 8260B/5030B	N/A

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 070496.17 Renton GW
Pace Project No.: 10467183

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10467183001	GW-031419-DT-MW-16	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183002	GW-031419-DT-MW-13	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183003	GW-031419-DT-MW-12	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183004	GW-031419-DT-MW-11	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183005	GW-031419-DT-D-IR	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183006	GW-031419-DT-MW-15	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183007	GW-031419-JRL-MW1	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183008	GW-031419-JRL-MW2	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183009	GW-031419-JRL-MW3	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183010	GW-031419-JRL-MW4	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183011	GW-031419-JRL-MW6	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183012	GW-031419-JRL-MW10	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183013	DUP-1	EPA Mod. 3510C	594419	NWTPH-Dx	594712
10467183001	GW-031419-DT-MW-16	NWTPH-Gx	594764		
10467183002	GW-031419-DT-MW-13	NWTPH-Gx	594764		
10467183003	GW-031419-DT-MW-12	NWTPH-Gx	594764		
10467183004	GW-031419-DT-MW-11	NWTPH-Gx	594764		
10467183005	GW-031419-DT-D-IR	NWTPH-Gx	594764		
10467183006	GW-031419-DT-MW-15	NWTPH-Gx	594764		
10467183007	GW-031419-JRL-MW1	NWTPH-Gx	594764		
10467183008	GW-031419-JRL-MW2	NWTPH-Gx	594764		
10467183009	GW-031419-JRL-MW3	NWTPH-Gx	594764		
10467183010	GW-031419-JRL-MW4	NWTPH-Gx	594764		
10467183011	GW-031419-JRL-MW6	NWTPH-Gx	594764		
10467183012	GW-031419-JRL-MW10	NWTPH-Gx	594764		
10467183013	DUP-1	NWTPH-Gx	594764		
10467183001	GW-031419-DT-MW-16	EPA 8260B	594825		
10467183002	GW-031419-DT-MW-13	EPA 8260B	594825		
10467183003	GW-031419-DT-MW-12	EPA 8260B	594825		
10467183004	GW-031419-DT-MW-11	EPA 8260B	594825		
10467183005	GW-031419-DT-D-IR	EPA 8260B	594825		
10467183006	GW-031419-DT-MW-15	EPA 8260B	594825		
10467183007	GW-031419-JRL-MW1	EPA 8260B	594825		
10467183008	GW-031419-JRL-MW2	EPA 8260B	594825		
10467183009	GW-031419-JRL-MW3	EPA 8260B	594825		
10467183010	GW-031419-JRL-MW4	EPA 8260B	594825		
10467183011	GW-031419-JRL-MW6	EPA 8260B	594825		
10467183012	GW-031419-JRL-MW10	EPA 8260B	594825		
10467183013	DUP-1	EPA 8260B	594825		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY / A

WO#: 10467183

The Chain-of-Custody is a LEGAL DOCUMENT



Section A
 Required Client Information:
 Company: **GHD**
 Address: **20818 44th Ave W**
Ste 110 44th NW Wood, WA
 Email To: _____
 Phone: _____ Fax: _____
 Requested Due Date/TAT: _____

Section B
 Required Project Information:
 Report To: _____
 Copy To: _____
 Purchase Order No.: _____
 Project Name: _____
 Project Number: _____

Section C
 Invoice Information:
 Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote Reference: _____
 Pace Project Manager: _____
 Pace Profile #: _____

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____

Site Location: _____
 STATE: _____

1 of 2
 2135051

ITEM #	Section D Required Client Information	Matrix Codes MATRIX Z CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Preservatives	Analysis Test ↑	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB								
1	GW-031419-DT, MW-16	DW	3/14/19	0830	G	GW G						601
2	DT, MW-13	WT		0935								602
3	DT, MW-12	WW		1030								603
4	DT, MW-11	P		1140								604
5	DT, D-1R	SL		1305								605
6	DT, MW-15	OL		1415								606
7	GW-031419-JRL-MW1	WP	3/14/19	0910	G	GW G						607
8	GW-031419-JRL-MW2	AR	3/14/19	0950	G	GW G						608
9	GW-031419-JRL-MW3	TS	3/14/19	1040	G	GW G						609
10	GW-031419-JRL-MW4	OT	3/14/19	1200	G	GW G						610
11	GW-031419-JRL-MW6		3/14/19	0245	G	GW G						611
12	GW-031419-JRL-MW10		3/14/19	1320	G	GW G						612

ADDITIONAL COMMENTS
 DX with silica gel

RELINQUISHED BY / AFFILIATION
 D. T. Anderson / GHD

DATE
 3/14/19 1430

TIME
 5:58 PM

ACCEPTED BY / AFFILIATION
 [Signature] / GHD

DATE
 3/16/19 1400

TIME
 11:58 AM

SAMPLE CONDITIONS
 Received on Ice (Y/N) Custody Sealed (Y/N) Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: D. T. Anderson
 SIGNATURE of SAMPLER: [Signature]
 DATE SIGNED (MM/DD/YY): 3/14/19

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month on any invoices not paid within 30 days.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.



Section A Required Client Information:
 Company: **GHD**
 Address: **20818 44TH AVE W, SUITE 190, LYNNWOOD, WA**
 Email To: _____
 Phone: _____ Fax: _____
 Requested Due Date/TAT: _____

Section B Required Project Information:
 Report To: **SEE SHOW**
 Copy To: _____
 Purchase Order No.: _____
 Project Name: _____
 Project Number: _____

Section C Invoice Information:
 Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote Reference: _____
 Pace Project Manager: _____
 Pace Profile #: _____

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____
 Site Location _____
 STATE: _____

Page: **2** of **2**
 2135052

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wipe WP Air AR Tissue TS Other OT	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analysis Test ↑ Y/N ↓	Requested Analysis Filtered (Y/N)	Pace Project No./ Lab I.D.	
			COMPOSITE START	COMPOSITE END/GRAB				DATE	TIME	DATE	TIME	DATE	TIME				DATE
1	DUP-1				GW G	3/14/19		8	Unpreserved	H ₂ SO ₄	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	NWTRH GX NWTRH DX BTRX	613
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

ADDITIONAL COMMENTS
 DX WITH SILICA GRL
 GHD
 3/14/19 1430
 3/16/19 1000
 1.1
 1.8

RELIQUISHED BY AFFILIATION
 DATE TIME

ACCEPTED BY / AFFILIATION
 DATE TIME

SAMPLE CONDITIONS
 Received on Ice (Y/N) Y
 Custody Sealed Cooler (Y/N) Y
 Samples Intact (Y/N) Y

Temp in °C
 1.1
 1.8

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER:
 SIGNATURE of SAMPLER:

ORIGINAL

Sample Condition Upon Receipt

Client Name: GHD

Project #:

WO#: 10467183

PM: JMG

Due Date: 03/29/19

CLIENT: GHD_WA

Courier: Fed Ex UPS USPS Client
 Pace SpeedDee Commercial See Exception

Tracking Number: 4486 7791 2906/2917

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No Biological Tissue Frozen? Yes No N/A

Packing Material: Bubble Wrap Bubble Bags None Other: _____ Temp Blank? Yes No

Thermometer: G87A9155100842 G87A9170600254 Type of Ice: Wet Blue None Dry Melted

Note: Each West Virginia Sample must have temp taken (no temp blanks)

Temp should be above freezing to 6°C	Cooler Temp Read w/temp blank: <u>1.7, 1.0</u> °C	Average Corrected Temp (no temp blank only): _____ °C	See Exceptions <input type="checkbox"/>
Correction Factor: <u>10.1</u>	Cooler Temp Corrected w/temp blank: <u>1.1, 1.8</u> °C		

USDA Regulated Soil: N/A, water sample/Other: _____ Date/Initials of Person Examining Contents: HF 3/16/19

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? Yes No Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

	COMMENTS:
Chain of Custody Present and Filled Out? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Relinquished? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Sampler Name and/or Signature on COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.
Short Hold Time Analysis (<72 hr)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. <input type="checkbox"/> Fecal Coliform <input type="checkbox"/> HPC <input type="checkbox"/> Total Coliform/E coli <input type="checkbox"/> BOD/cBOD <input type="checkbox"/> Hex Chrome <input type="checkbox"/> Turbidity <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Orthophos <input type="checkbox"/> Other
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Field Filtered Volume Received for Dissolved Tests? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10. is sediment visible in the dissolved container? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is sufficient information available to reconcile the samples to the COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. If no, write ID/ Date/Time on Container Below: _____ See Exception <input type="checkbox"/>
Matrix: <input checked="" type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Oil <input type="checkbox"/> Other	
All containers needing acid/base preservation have been checked? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12. Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , <2pH, NaOH >9 Sulfide, NaOH >12 Cyanide) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> NaOH <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> Zinc Acetate
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, PCB/8015 (water) and Dioxin/PFAS <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Positive for Res. <input type="checkbox"/> Yes <input type="checkbox"/> No See Exception <input type="checkbox"/>
Headspace in VOA Vials (greater than 6mm)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. See Exception <input checked="" type="checkbox"/>
Trip Blank Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Custody Seals Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Pace Trip Blank Lot # (if purchased): _____

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: Dave Trudeau

Field Data Required? Yes No

Date/Time: 03/15/19

Comments/Resolution: Sent revised COC to include project name.

Project Manager Review:

JENNI GROSS

Date: 03/18/19

Note: Whenever there is a discrepancy affecting No hold, incorrect preservative, out of temp, incorrect containers, e samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of

Labeled by: HF



Document Name:
Headspace Exception

Document Revised: 17Dec2018
Page 1 of 1

Document No.:
F-MN-C-276-Rev.01

Issuing Authority:
Pace Minnesota Quality Office

Sample ID	Headspace greater than 6mm	Headspace less than 6mm	No Headspace	Total Vials	Sediment Present?
MW-12	0	6	0	6	2
MW-11	0	6	0	6	2
D-IR	1	5	0	6	2
MW-75	1	5	0	6	2
GW-031419-JRL-MW1	0	6	0	6	2
" MW2	0	5	1	6	2
" " MW6	0	6	0	6	2
" MW10	0	5	1	6	2

Appendix E

Data Validation



Memorandum

April 11, 2019

To: Christina McClelland Ref. No.: 070496

From: Jeffrey Cloud/mkd/28-NF Tel: 206-914-3141

CC: Thuan Bui, Eric Maise

**Subject: Analytical Results and Reduced Validation of Report 10467183
Quarterly Groundwater Sampling
Phillips 66 – Renton Terminal
Renton, Washington
March 2019**

1. Introduction

This document details a reduced validation of analytical results for groundwater samples collected in support of the Quarterly Groundwater Sampling at the Renton Terminal site in Renton, Washington during March 2019. Samples were submitted to Pace Analytical Services, located in Minneapolis, Minnesota. 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, duplicate data, recovery data from surrogate spikes, laboratory control samples, matrix spikes and field QC samples.

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 "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", USEPA 540-R-08-01, June 2008 subsequently referred to as the "Guidelines" in this Memorandum.

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 report 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 Method 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 carbon (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 and LCS/LCSD contained all analytes of interest. All LCS and LCS/LCSD recoveries and RPDs were within associated control limits, demonstrating acceptable analytical accuracy and precision (where applicable).

6. Matrix Spike/Matrix Spike Duplicate 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/matrix spike duplicate (MS/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 analytes of interest. All percent recoveries and RPD values were within the associated control limits, demonstrating acceptable analytical accuracy and precision with the exception of one high GRO recovery. Only the MSD was outside of the control limits, no qualification of the data was performed based on the acceptable recovery of the companion spike and the acceptable RPD.

7. Duplicate Sample Analyses

Analytical precision is evaluated based on the analysis of laboratory duplicate samples. For this study, duplicate samples were prepared and analyzed by the laboratory as specified in Table 1. The duplicate results were evaluated per the "Guidelines". All duplicate analyses performed were acceptable, demonstrating acceptable analytical precision.

8. Field QA/QC Samples

The field QA/QC consisted of one field duplicate sample set.

To assess the analytical and sampling protocol precision, one field duplicate sample was collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with the duplicate sample must be less than 50 percent. If the reported concentration in both the investigative sample and its duplicate are less than five times the reporting limit (RL), the evaluation criterion is one times the RL value.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

9. Analyte Reporting

The laboratory did not report any detected concentrations below the laboratory's RL. Non-detect results were presented as non-detect at the RL in Table 3.

10. Conclusion

Based on the assessment detailed in the foregoing, the summarized data are acceptable without qualification.

Table 1

**Sample Collection and Analysis Summary
Quarterly Groundwater Sampling
Phillips 66 - Renton Terminal
Renton, Washington
March 2019**

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters			Comments
					DRO/ORO	GRO	VOCs	
GW-031419-DT-D-IR	D-1R	Water	03/14/2019	13:05	X	X	X	
GW-031419-JRL-MW1	MW-1	Water	03/14/2019	09:10	X	X	X	
GW-031419-JRL-MW2	MW-2	Water	03/14/2019	09:50	X	X	X	MS/MSD
GW-031419-JRL-MW3	MW-3	Water	03/14/2019	10:40	X	X	X	MS/MSD
GW-031419-JRL-MW4	MW-4	Water	03/14/2019	12:00	X	X	X	
GW-031419-JRL-MW6	MW-6	Water	03/14/2019	12:45	X	X	X	DUP
GW-031419-JRL-MW10	MW-10	Water	03/14/2019	13:30	X	X	X	
DUP-1	MW-10	Water	03/14/2019	--	X	X	X	FD (GW-031419-JRL-MW10)
GW-031419-DT-MW-11	MW-11	Water	03/14/2019	11:40	X	X	X	
GW-031419-DT-MW-12	MW-12	Water	03/14/2019	10:30	X	X	X	
GW-031419-DT-MW-13	MW-13	Water	03/14/2019	09:35	X	X	X	
GW-031419-DT-MW-15	MW-15	Water	03/14/2019	14:15	X	X	X	
GW-031419-DT-MW-16	MW-16	Water	03/14/2019	08:30	X	X	X	DUP

Notes:

- DUP - Laboratory Duplicate
- FD - Field Duplicate sample of sample in parenthesis
- 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
Quarterly Groundwater Sampling
Phillips 66 - Renton Terminal
Renton, Washington
March 2019

Parameter	Method	Matrix
Volatile Organic Compounds (VOCs)	SW-846 8260B ⁽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
Quarterly Groundwater Sampling
Phillips 66 – Renton Terminal
Renton, Washington
March 2019**

Location ID:	D-1R	MW-1	MW-2	MW-3	MW-4	MW-6	MW-10
Sample Name:	GW-031419-DT-D-IR	GW-031419-JRL-MW1	GW-031419-JRL-MW2	GW-031419-JRL-MW3	GW-031419-JRL-MW4	GW-031419-JRL-MW6	GW-031419-JRL-MW10
Sample Date:	03/14/2019	03/14/2019	03/14/2019	03/14/2019	03/14/2019	03/14/2019	03/14/2019
Parameters	Unit						
Volatile Organic Compounds							
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	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	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Total Petroleum Hydrocarbons (TPH)							
Motor oil	mg/L	0.43 U	0.38 U	0.38 U	0.43 U	0.42 U	0.39 U
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/L	0.43 U	0.38 U	0.38 U	0.43 U	0.42 U	0.39 U
Gasoline	µg/L	778	100 U	100 U	100 U	100 U	100 U

Table 3

**Analytical Results Summary
Quarterly Groundwater Sampling
Phillips 66 – Renton Terminal
Renton, Washington
March 2019**

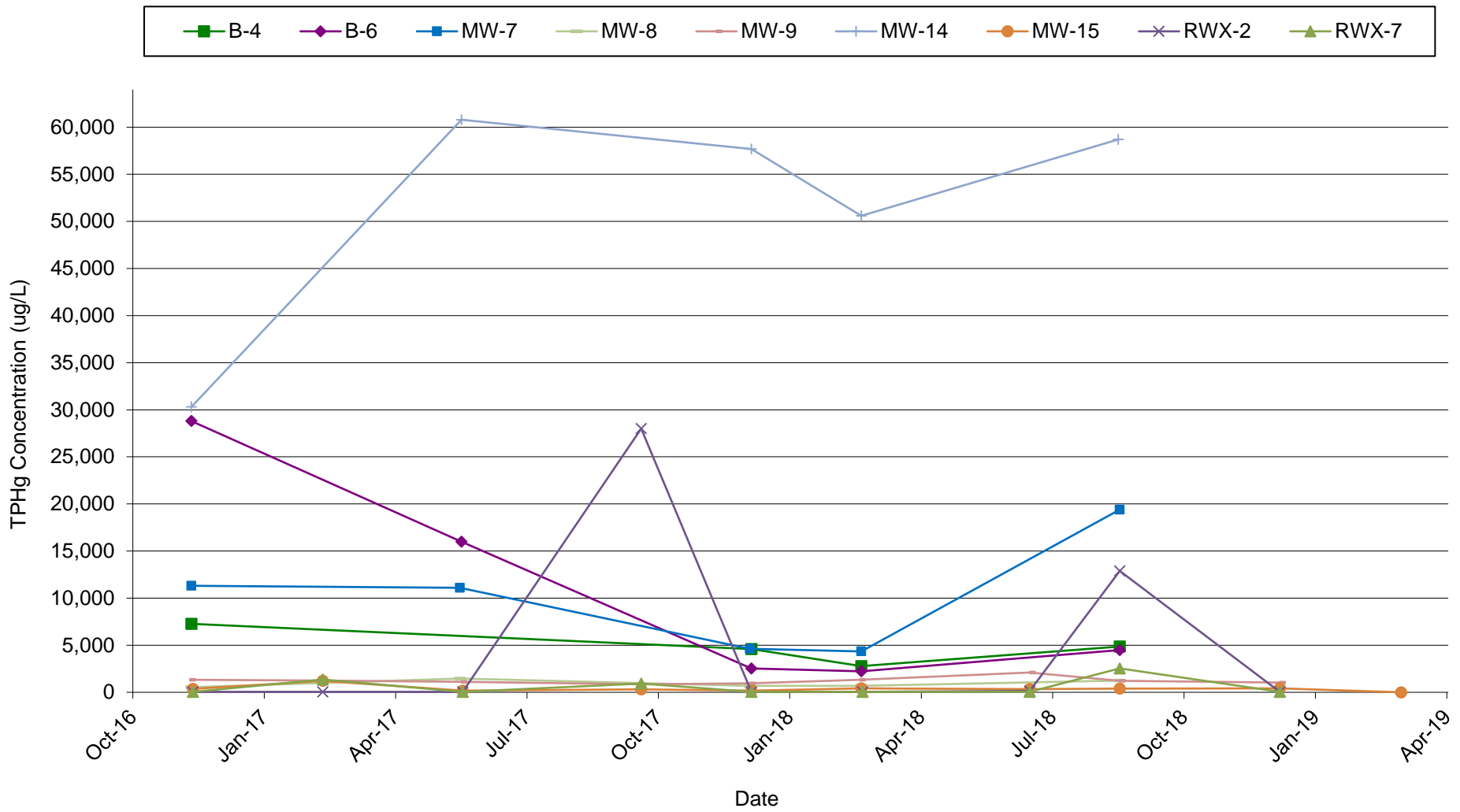
	Location ID:	MW-10	MW-11	MW-12	MW-13	MW-15	MW-16
	Sample Name:	DUP-1	GW-031419-DT-MW-11	GW-031419-DT-MW-12	GW-031419-DT-MW-13	GW-031419-DT-MW-15	GW-031419-DT-MW-16
	Sample Date:	03/14/2019 Duplicate	03/14/2019	03/14/2019	03/14/2019	03/14/2019	03/14/2019
Parameters	Unit						
Volatile Organic Compounds							
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	31.5	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.8	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Total Petroleum Hydrocarbons (TPH)							
Motor oil	mg/L	0.39 U	0.40 U	0.43 U	0.40 U	0.40 U	0.43 U
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/L	0.39 U	0.40 U	0.43 U	0.40 U	0.40 U	0.43 U
Gasoline	µg/L	100 U	100 U	100 U	100 U	332	100 U

Notes:

U - Not detected at the associated reporting limit

Appendix F

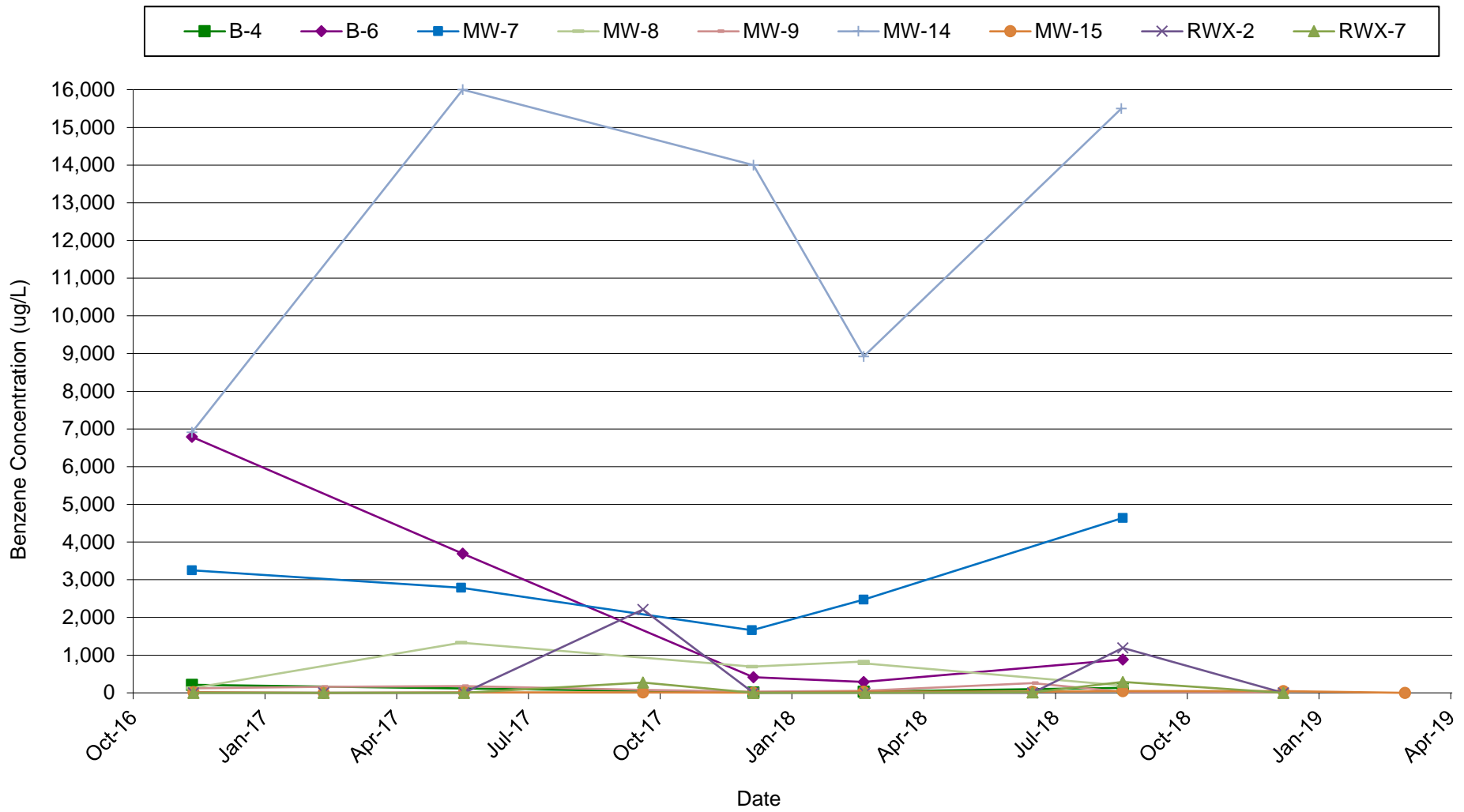
Groundwater Trend Graphs



Phillips 66 Renton Terminal
 2423 Lind Avenue Southwest
 Renton, Washington



TPHg CONCENTRATIONS IN GROUNDWATER VS. TIME



Phillips 66 Renton Terminal
 2423 Lind Avenue Southwest
 Renton, Washington



BENZENE CONCENTRATIONS IN GROUNDWATER VS. TIME



about GHD

GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation. We provide engineering, environmental, and construction services to private and public sector clients.

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