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GROUNDWATER MONITORING REPORT
(Second Quarter 2024 Event)

Phillips 66 Facility No. 2701476 (AOC #2063)
12660 First Avenue South
Seattle, Washington 98168
Washington State Department of Ecology LUST Program ID #5748
Washington State Department of Ecology VCP No. NW2718

Submitted to:
Mike Warfel
Washington State Department of Ecology
15700 Dayton Avenue North
Shoreline, Washington 98133

Submitted on behalf of:
Audrey Bonafede
Phillips 66 Company
Remediation Management
1660 W. Anaheim St.
Wilmington, California 90744

Submitted by:
Atlas Technical Consultants
6347 Seaview Avenue Northwest
Seattle, Washington 98107

Atlas Project No. Z076000087
October 14, 2024

Stafford Larsen, GIT
Staff Geologist

Jeanne Homsey, P.E.
Branch Manager

SITE INFORMATION:

Atlas Contact Person:	Stafford Larsen
Date of previous sampling event:	03/05/2024-03/06/2024
Current remediation technique(s):	None. Above ground Vapor and Groundwater Extraction/Air Sparge System Components Decommissioned in September 2016.
Ecology VCP Number:	NW2718

FIELD ACTIVITY 06/05/24-06/06/2024:

Date(s) monitored and/or sampled:	06/05/24-06/06/2024
Wells monitored:	Eighteen: GW-8S, GW-8D, GW-10S, GW-10D, GW-11D, GW-13S, GW-13D, GW-14S, GW-14D, GW-15S, GW-15D, GW-16S, GW-16D, GW-17S, GW-17D, GW-18S, GWR-18S, and GWR-18D
Wells sampled:	Eleven: GW-10D, GW-13S, GW-13D, GW-14S, GW-14D, GW-15S, GW-15D, GW-16S, GW-16D, GW-17S and GWR-18D
Purging method:	Wells were purged prior to sampling by low flow pumping via a submersible pump and dedicated tubing.
Sampling method:	Samples were collected using low flow pumping via a submersible pump and dedicated polyethylene tubing.

SITE HYDROGEOLOGY 06/05/24-06/06/2024:

Minimum depth to groundwater (feet below top of casing [TOC]):	21.61 (GW-8S – shallow water bearing zone)
Maximum depth to groundwater (feet below TOC):	78.29 (GW-10D – deep water bearing zone)
Average groundwater elevation (feet):	379.15 (shallow water bearing zone – GW-8S, GW-10S, GW-13S, GW-14S, GW-15S, GW-16S, GW-17S, GW-18S, and GWR-18S); 340.42 (deep water bearing zone – GW-8D, GW-10D, GW-11D, GW-13D, GW-14D, GW-15D, GW-16D, GW-17D, and GWR-18D)
Change in average groundwater elevation since previous monitoring event (feet):	-0.93 (shallow water bearing zone) +0.78 (deep water bearing zone)
Approximate groundwater gradient/flow direction:	0.12 feet per foot (ft./ft.) Northeast away from GW-10S, 0.03 ft./ft. West toward GW17S, and 0.06 ft./ft. Northwest toward GWR-18S (shallow water bearing zone); 0.008 ft./ft. Southwest toward GW-10D, 0.007 ft./ft. South toward GW-8D, 0.022 ft./ft. East toward GW-16D (deep water bearing zone)
Previous groundwater gradient/flow direction (03/05/2024-03/06/2024):	0.744 feet per foot (ft./ft.) East-Northwest toward GWR-18S, 0.525 ft./ft. West, and 0.342 ft./ft. Northwest toward GWR-18S (shallow water bearing zone); 0.009 ft./ft. radially Southeast (deep water bearing zone)

GROUNDWATER CONDITIONS 06/05/24-06/06/2024:

Minimum dissolved phase gasoline-range hydrocarbon concentration excluding "non-detects" (micrograms per liter [µg/L]):	231 (GW-14D – deep water bearing zone)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L):	28,700 (GW-14S – shallow water bearing zone)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L) observed previous sampling event (March 2024):	5,950 (GW-14S – shallow water bearing zone)
Minimum dissolved phase benzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	1.6 (GW-13S – shallow water bearing zone)
Maximum dissolved phase benzene concentration (µg/L):	79.3 (GW-14D – deep water bearing zone)
Maximum dissolved phase benzene concentration (µg/L) observed previous sampling event (March 2024):	19.0 (GWR-18D – deep water bearing zone)
Minimum dissolved phase toluene concentration excluding "non-detects" (micrograms per liter [µg/L]):	1.7 (GW-13S – shallow water bearing zone)
Maximum dissolved phase toluene concentration (µg/L):	302 (GW-14S – shallow water bearing zone)
Maximum dissolved phase toluene concentration (µg/L) observed previous sampling event (March 2024):	4.0 (GW-14S – shallow water bearing zone)
Minimum dissolved phase ethylbenzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	0.25J (GW-14D – deep water bearing zone)
Maximum dissolved phase ethylbenzene concentration (µg/L):	897 (GW-14S – shallow water bearing zone)
Maximum dissolved phase ethylbenzene concentration (µg/L) observed previous sampling event (March 2024):	62.3 (GW-14S – shallow water bearing zone)
Minimum dissolved phase total xylenes concentration excluding "non-detects" (micrograms per liter [µg/L]):	30.4 (GW-13S – shallow water bearing zone)
Maximum dissolved phase total xylenes concentration (µg/L):	3,030 (GW-14S – shallow water bearing zone)
Maximum dissolved phase total xylenes concentration (µg/L) observed previous sampling event (March 2024):	174 (GW-14S – shallow water bearing zone)
Minimum total lead concentration excluding "non-detects" (µg/L):	3.5J (GWR-18D – deep water bearing zone)
Maximum total lead concentration (µg/L):	32J (GW-14S – shallow water bearing zone)
Maximum total lead concentration (µg/L) observed previous sampling event (March 2024):	8.5J (GWR-18D – deep water bearing zone)
Minimum dissolved lead concentration excluding "non-detects" (µg/L):	All wells sampled were "non-detect"
Maximum dissolved lead concentration (µg/L):	All wells sampled were "non-detect"
Maximum dissolved lead concentration (µg/L) observed previous sampling event (March 2024):	All wells sampled were "non-detect"

ADDITIONAL INFORMATION AND COMMENTS:

Second Quarter 2024:

During the June 2024 groundwater monitoring and sampling event, eighteen monitoring wells were gauged, including GW-8S, GW-8D, GW-10S, GW-10D, GW-11D, GW-13S, GW-13D, GW-14S, GW-14D, GW-15S, GW-15D, GW-16S, GW-16D, GW-17S, GW-17D, GW-18S, GWR-18S, and GWR-18D. All of the eighteen monitoring wells were gauged before any purging took place for the most accurate representation of the current groundwater conditions. Refer to the attached Figure 1 for the June 2024 groundwater contour map of the shallow water bearing zone. Refer to the attached Figure 2 for the June 2024 groundwater contour map of the deep water bearing zone.

Eleven of the eighteen monitoring wells were sampled using low-flow purging methods, including GW-10D, GW-13S, GW-13D, GW-14S, GW-14D, GW-15S, GW-15D, MW-16S, MW-16D, MW-17S, and GWR-18D. Monitoring wells GW-18S and GWR-18S were effectively dry and did not have sufficient water to obtain samples. Refer to the attached Table 1 for a summary of historical groundwater gauging and sampling data at the site.

Purge water and equipment decontamination water was collected in a 55-gallon drum and stored on site pending removal to an off-site facility.

Shallow Water Bearing Zone:

Within the shallow water bearing zone, five wells were sampled. Based on the analytical results from this event, **gasoline range hydrocarbons** were detected above the Model Toxics Control Act (MTCA) Method A Cleanup Level (CUL) in GW-13S and GW-14S at concentrations of 1,010 and 28,700 µg/L, respectively. Gasoline range hydrocarbons were not detected in the other shallow water bearing zone wells sampled. **Benzene** was detected above the Model Toxics Control Act (MTCA) Method A Cleanup Level (CUL) in GW-14S at a concentration of 46.7 µg/L. Benzene was detected below the MTCA Method A CUL in GW-13S at a concentration of 1.6 µg/L. Benzene was not detected in the other shallow water bearing zone wells sampled. **Toluene** was detected below the MTCA Method A CUL in GW-13S and GW-14S at concentrations of 1.7 and 302 µg/L. Toluene was not detected in the other shallow water bearing zone wells sampled. **Ethylbenzene** was detected above the Model Toxics Control Act (MTCA) Method A Cleanup Level (CUL) in GW-14S at a concentration of 897 µg/L. Ethylbenzene was detected below the MTCA Method A CUL in GW-13S at a concentration of 20.9 µg/L. Ethylbenzene was not detected in the other shallow water bearing zone wells sampled. **Total xylenes** were detected above the Model Toxics Control Act (MTCA) Method A Cleanup Level (CUL) in GW-14S at a concentration of 3,030 µg/L. Total xylenes were detected below the MTCA Method A CUL in GW-13S at a concentration of 30.4 µg/L. Total xylenes were not detected in the other shallow water bearing zone wells sampled. **Total lead** was detected above the MTCA Method A CUL in GW-14S at a concentration of 32J µg/L. Total lead was not detected in the other shallow water bearing zone wells sampled. **Dissolved lead** was not detected in any of the shallow water bearing zone wells sampled.

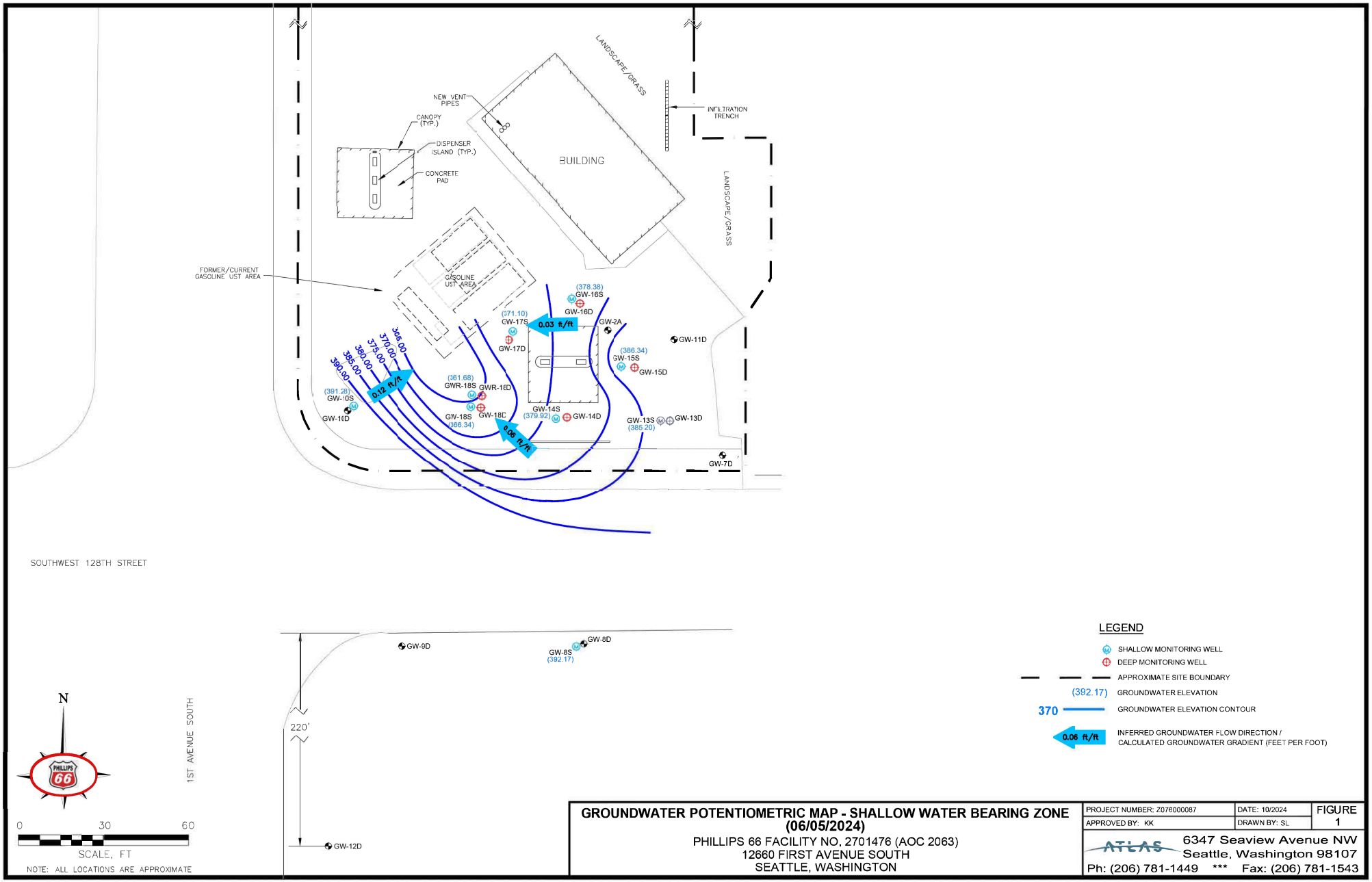
Deep Water Bearing Zone:

Within the deep water bearing zone, six wells were sampled. Based on the analytical results from this event, **gasoline range hydrocarbons** were detected above the MTCA Method A CUL in GWR-18D at a concentration of 1,260 µg/L. Gasoline range hydrocarbons were detected below the MTCA Method A CUL in GW-14D at a concentration of 231 µg/L. Gasoline range hydrocarbons were not detected in the other deep water bearing zone wells sampled. **Benzene** was detected above the MTCA Method A CUL GW-14D and GWR-18D at concentrations of 79.3 and 34 µg/L, respectively. Benzene was not detected in the other deep water bearing zone wells sampled. **Toluene** was not detected in any of the deep water bearing zone wells sampled. **Ethylbenzene** was detected below the MTCA Method A CUL in GW-14D and GWR-18D at concentrations of 0.25J and 1.6 µg/L, respectively. Ethylbenzene was not detected in the other deep water bearing zone wells sampled. **Total lead** was detected below the MTCA Method A CUL in GWR-18D at a concentration of 3.5J µg/L. Total lead was not detected in the other deep water bearing zone wells sampled. **Total xylenes** and **dissolved lead** were not detected in any of the deep water bearing zone wells sampled.

ATTACHMENTS:

Figure 1 Groundwater Potentiometric Map – Shallow Water Bearing Zone (06/05/2024)
Figure 2 Groundwater Potentiometric Map – Deep Water Bearing Zone (06/05/2024)
Figure 3 Groundwater Analytical Results Map (06/05/2024-06/06/2024)
Table 1 Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Appendix A Laboratory Analytical Data Report and Chain of Custody Documents
Appendix B Field Reports / Groundwater Gauging and Sampling Logs

FIGURES



GROUNDWATER POTENTIOMETRIC MAP - SHALLOW WATER BEARING ZONE (06/05/2024)

PHILLIPS 66 FACILITY NO. 2701476 (AOC 2063)
12660 FIRST AVENUE SOUTH
SEATTLE, WASHINGTON

PROJECT NUMBER: Z076000087	DATE: 10/2024	FIGURE 1
APPROVED BY: KK	DRAWN BY: SL	

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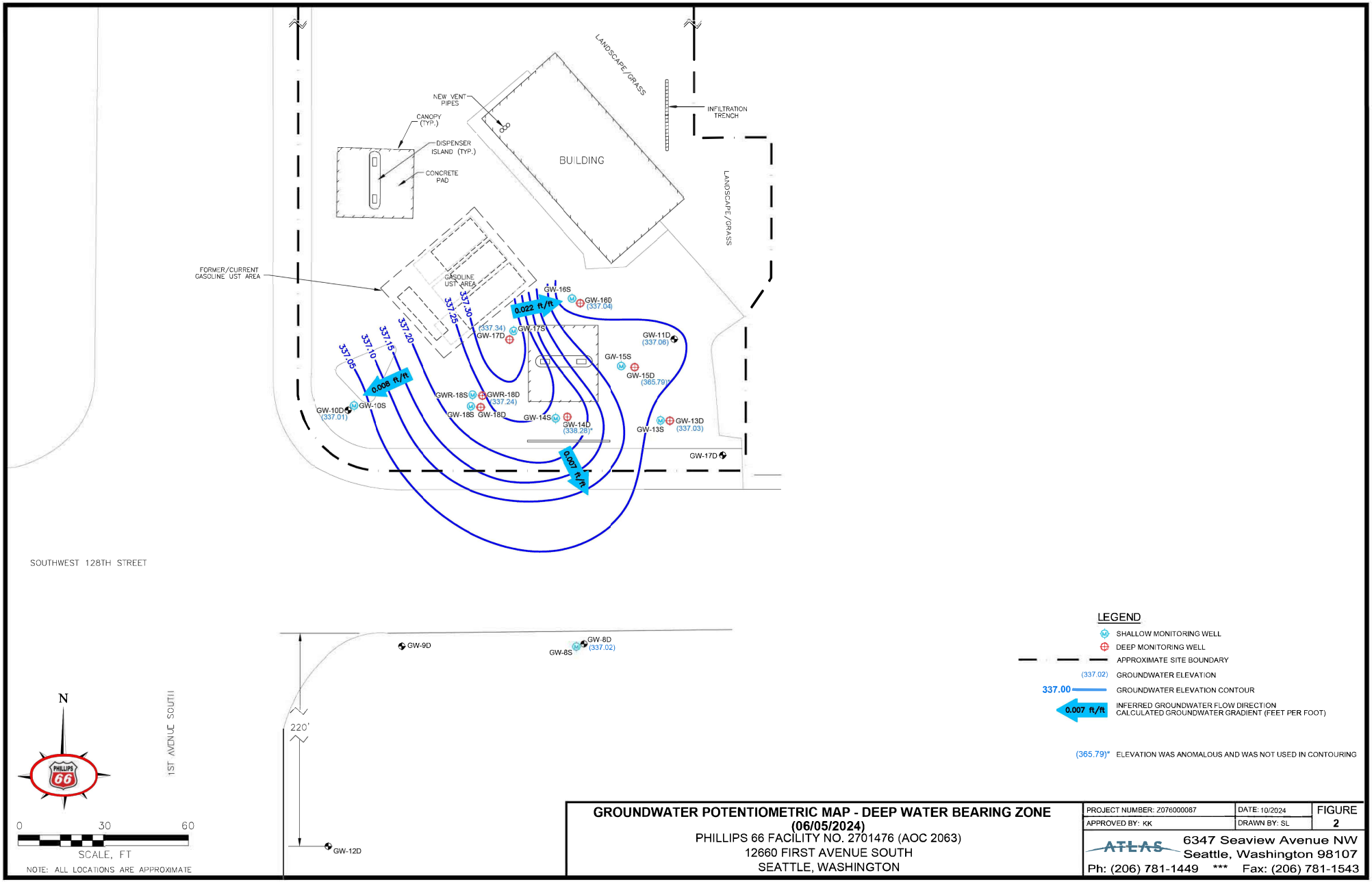


LEGEND

- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- APPROXIMATE SITE BOUNDARY
- (337.02) GROUNDWATER ELEVATION
- 337.00 GROUNDWATER ELEVATION CONTOUR
- 0.007 ft/ft INFERRED GROUNDWATER FLOW DIRECTION CALCULATED GROUNDWATER GRADIENT (FEET PER FOOT)

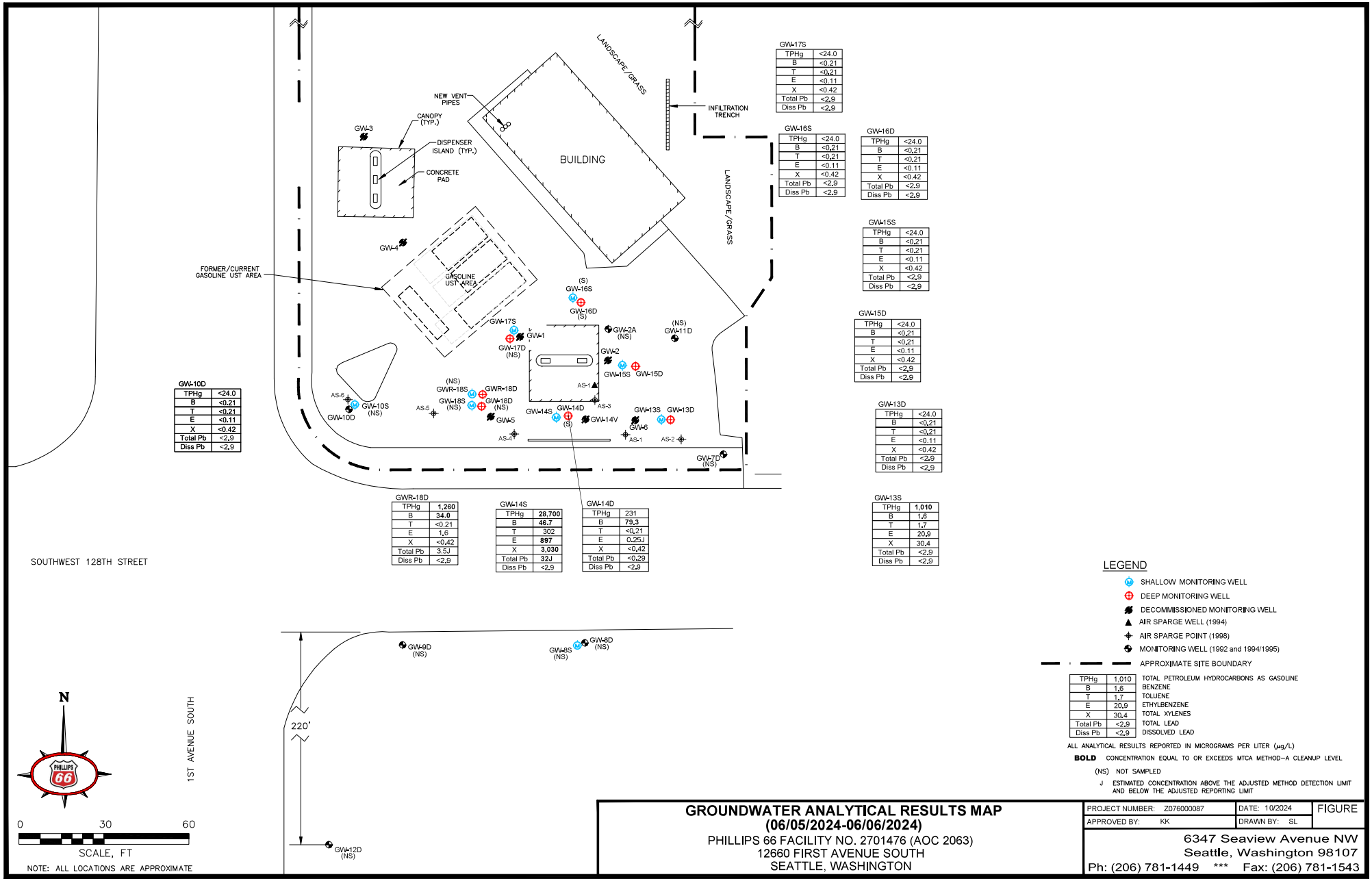
(365.79)* ELEVATION WAS ANOMALOUS AND WAS NOT USED IN CONTOURING

GROUNDWATER POTENTIOMETRIC MAP - DEEP WATER BEARING ZONE (06/05/2024)

PHILLIPS 66 FACILITY NO. 2701476 (AOC 2063)
12660 FIRST AVENUE SOUTH
SEATTLE, WASHINGTON

PROJECT NUMBER: Z076000087	DATE: 10/2024	FIGURE 2
APPROVED BY: KK	DRAWN BY: SL	

ATLAS
6347 Seaview Avenue NW
Seattle, Washington 98107
Ph: (206) 781-1449 *** Fax: (206) 781-1543



GW-17S

TPHg	<24.0
B	<0.21
T	<0.21
E	<0.11
X	<0.42
Total Pb	<2.9
Diss Pb	<2.9

GW-16S

TPHg	<24.0
B	<0.21
T	<0.21
E	<0.11
X	<0.42
Total Pb	<2.9
Diss Pb	<2.9

GW-16D

TPHg	<24.0
B	<0.21
T	<0.21
E	<0.11
X	<0.42
Total Pb	<2.9
Diss Pb	<2.9

GW-15S

TPHg	<24.0
B	<0.21
T	<0.21
E	<0.11
X	<0.42
Total Pb	<2.9
Diss Pb	<2.9

GW-15D

TPHg	<24.0
B	<0.21
T	<0.21
E	<0.11
X	<0.42
Total Pb	<2.9
Diss Pb	<2.9

GW-13D

TPHg	<24.0
B	<0.21
T	<0.21
E	<0.11
X	<0.42
Total Pb	<2.9
Diss Pb	<2.9

GW-13S

TPHg	1,010
B	1.6
T	1.7
E	20.9
X	30.4
Total Pb	<2.9
Diss Pb	<2.9

GW-10D

TPHg	<24.0
B	<0.21
T	<0.21
E	<0.11
X	<0.42
Total Pb	<2.9
Diss Pb	<2.9

GWR-18D

TPHg	1,260
B	34.0
T	<0.21
E	1.6
X	<0.42
Total Pb	3.5J
Diss Pb	<2.9

GW-14S

TPHg	28,700
B	46.7
T	302
E	897
X	3,030
Total Pb	32J
Diss Pb	<2.9

GW-14D

TPHg	231
B	79.3
T	<0.21
E	0.25J
X	<0.42
Total Pb	<0.29
Diss Pb	<2.9

LEGEND

- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- DECOMMISSIONED MONITORING WELL
- AIR SPARGE WELL (1994)
- AIR SPARGE POINT (1998)
- MONITORING WELL (1992 and 1994/1995)
- APPROXIMATE SITE BOUNDARY

TPHg	1,010	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	1.6	BENZENE
T	1.7	TOLUENE
E	20.9	ETHYLBENZENE
X	30.4	TOTAL XYLENES
Total Pb	<2.9	TOTAL LEAD
Diss Pb	<2.9	DISSOLVED LEAD

ALL ANALYTICAL RESULTS REPORTED IN MICROGRAMS PER LITER (µg/L)

BOLD CONCENTRATION EQUAL TO OR EXCEEDS MTCA METHOD–A CLEANUP LEVEL

(NS) NOT SAMPLED

J ESTIMATED CONCENTRATION ABOVE THE ADJUSTED METHOD DETECTION LIMIT AND BELOW THE ADJUSTED REPORTING LIMIT

GROUNDWATER ANALYTICAL RESULTS MAP
(06/05/2024-06/06/2024)

PHILLIPS 66 FACILITY NO. 2701476 (AOC 2063)
12660 FIRST AVENUE SOUTH
SEATTLE, WASHINGTON

PROJECT NUMBER:	Z076000087	DATE: 10/2024	FIGURE
APPROVED BY:	KK	DRAWN BY: SL	

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TABLE

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-1	05/07/91	38.97	0.00	61.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
100.00	05/08/92	41.28	0.00	58.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/20/92	39.46	0.00	60.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/10/94	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/02/94	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	11/11/94	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/17/95	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/16/95	47.30	0.00	52.70	**30,000**	--	--	--	**6,300**	**4,900**	638	**3,920**	--	**30**	--	--	--	--	--	--	--	--	--	--
	08/09/95	47.65	0.00	52.35	**17,000**	--	--	--	**3,200**	**1,700**	230	**1,400**	--	10	--	--	--	--	--	--	--	--	--	--
	11/06/95	48.86	0.00	51.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/13/96	49.60	0.00	50.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/21/96	49.54	0.00	50.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	39.91	0.00	60.09	**62,000**	--	--	--	**14,000**	**16,000**	**780**	**5,100**	--	7	--	--	--	--	--	--	--	--	--	--
	06/06/96	39.78	0.00	60.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	39.85	0.00	60.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/24/96	42.14	0.00	57.86	**75,000**	--	--	--	**14,000**	**15,000**	**890**	**5,400**	--	4	--	--	--	--	--	--	--	--	--	--
	12/12/96	46.97	0.00	53.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/97	34.84	0.00	65.16	**170,000**	--	--	--	**29,000**	**44,000**	**2,000**	**14,000**	--	**18**	--	--	--	--	--	--	--	--	--	--
	04/11/97	30.69	0.00	69.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	29.13	0.00	70.87	**230,000**	--	--	--	**46,000**	**72,000**	**3,600**	**21,000**	--	13	--	--	--	--	--	--	--	--	--	--
	08/25/97	35.41	0.00	64.59	**170,000**	--	--	--	**3,000**	**46,000**	**2,900**	**16,000**	--	13	--	--	--	--	--	--	--	--	--	--
	11/19/97*	41.87	0.00	58.13	**170,000**	--	--	--	**25,000**	**39,000**	**3,200**	**17,000**	--	14	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	43.10	0.00	56.90	**82,000**	--	--	--	**20,000**	**12,000**	**2,300**	**210**	--	<2	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	32.37	0.00	67.63[b]	**180,000**	--	--	--	**41,000**	**59,000**	**2,000**	**19,000**	--	<2	--	--	--	--	--	--	--	--	--	--
	08/25/98[NP]	26.81	0.00	73.19[b]	**140,000**	--	--	--	**27,000**	**37,000**	**1,700**	**16,000**	--	**22**	--	--	--	--	--	--	--	--	--	--
	11/13/98[NP]	29.49	0.00	70.51[b]	**63,000**	--	--	--	**12,000**	**12,000**	320	**9,200**	--	9	--	--	--	--	--	--	--	--	--	--
	02/10/99	45.96	**Trace**	54.04[b]	LPH Present.																			
	05/28/99[NP]	17.18	0.00	82.82[b]	**69,000**	--	--	--	**490**	**4,400**	490	**12,000**	--	10	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	43.70	0.00	56.30[b]	**32,000**	--	--	--	**2,100**	190	250	**3,600**	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	34.01	0.00	65.99	**6,110**	--	--	--	**849**	333	31.8	**1,320**	--	7.67	--	--	--	**11.6**	--	--	--	--	<10.0	--
	02/09/00[NP]	48.11	0.00	51.89	**83,000**	--	--	--	**1,200**	860	**740**	**13,000**	--	**301**	--	--	--	--	--	--	--	--	<100	--
	05/24/00[NP]	26.35	**Trace**	73.65	**1,200**	--	--	--	**55.9**	81.2	2.09	248	--	--	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	09/11/00[NP]	25.75	0.00	74.25	883	--	--	--	**36.1**	54.0	<0.690	161	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/23/01	44.58	0.00	55.42	154	--	--	--	**12.6**	5.08	< 0.500	17.1	--	--	--	--	--	--	--	--	--	--	--	--
	05/16/01	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	08/30/01[NP]	43.17	0.00	56.83	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	2.62	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	11/19/01	NM	0.00	NE	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	05/04/02	40.32	0.00	59.68	<50.0	--	--	--	1.29	<0.500	<0.500	1.62	--	<1.00	--	--	--	--	--	--	--	--	--	--
	11/20/02	36.15	0.00	63.85	149	--	--	--	0.575	0.938	<0.500	12.5	--	2.67	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	35.97	0.00	64.03	**1,620**	--	--	--	**56.7**	71.7	<5.00	511	--	8.58	4.98	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	33.91	0.00	66.09	528	--	--	--	**15.0**	9.9	1.1	47	--	11.2	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	30.93	0.00	69.07	**5,200**	--	--	--	**1,340**	129	51.0	431	--	14.4	<5.00	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	35.99	0.00	64.01	**3,800**	--	--	--	**1,030**	201	<20	740	--	**15.0**	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	37.79	0.00	62.21	**1,310**	--	--	--	**98.6**	46.0	<5.0	275	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	05/16/05	36.36	0.00	63.64	**3,380**	--	--	--	**699.0**	224.0	<10	676	12	<15	<15	--	--	--	--	--	--	--	--	--
	11/22/05	40.77	0.00	59.23	**5,900**	--	--	--	**2,200.0**	420.0	66.0	**1,200**	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/30/06	47.26	0.00	52.74	**860[d]**	--	--	--	**96[d]**	8.6[d]	12[d]	120[d]	--	**144**	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	11/14/06	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/21/07	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/22/07	39.18	0.00	60.82	160	--	--	--	**92**	4	2	5	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	45.01	0.00	54.99	110	--	--	--	**12**	2	1	5	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/19/08	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/19/08	DRY	0.00	NE	Well not sampled due to insufficient water.																			
414.74	08/18/08	49.56	0.00	365.18	Well not sampled due to insufficient water.																			
	11/17/08	49.60	0.00	365.14	Well not sampled due to insufficient water.																			
	02/04/09	51.20	0.00	363.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/04/09	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	08/03/09	44.90	0.00	369.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/03/09	48.74	0.00	366.00	Well gauged only this quarter.																			
	02/08/10	49.48	0.00	365.26	Well gauged only this quarter.																			
	05/03/10	43.45	0.00	371.29	Well gauged only this quarter.																			
	09/07/10	45.99	0.00	368.75	Well gauged only this quarter.																			
	12/01/10	48.84	0.00	365.90	Well gauged only this quarter.																			
	02/10/11	45.91	0.00	368.83	Well gauged only this quarter.																			
	05/18/11	35.25	0.00	379.49	Well gauged only this quarter.																			
	09/02/11	43.42	0.00	371.32	Well gauged only this quarter.																			
	12/07/11	DRY	0.00	NE	Well gauged only this quarter.																			
	02/23/12	49.36	0.00	365.38	Well not sampled due to insufficient water.																			
	05/22/12	39.57	0.00	375.17	<500	--	--	--	**9.8**	<1.0	<1.0	<3.0	--	0.81	<0.10	--	--	--	--	--	--	--	--	--
	08/01/12	43.70	0.00	371.04	<50	--	--	--	<1.0	<1.0	1.2	<3.0	--	0.21	1.0	--	--	--	--	--	--	--	--	--
	03/22/13	43.28	0.00	371.46	<100	--	--	--	4.6	<1.0	<1.0	<3.0	--	<3.0	<10.0	--	--	--	--	--	--	--	--	--
	09/20/13	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	12/18/14	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	04/29/15	42.89	0.00	371.85	<100	--	--	--	**7.70**	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	46.82	0.00	367.92	<100	--	--	--	1.2	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--	--
	10/15/15	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	09/27/16	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	09/20/17	46.03	0.00	368.71	<100	--	--	--	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/04/18	48.59	0.00	366.15	Well not sampled due to insufficient water.																			
	10/30/18	Well Decommissioned.																						
GW-2	05/07/91	35.56	0.00	63.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
99.32	05/08/92	36.53	0.00	62.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/10/94	48.43	**4.15**	54.00	LPH Present.																			
	05/02/94	NM	**0.20**	NE	LPH Present.																			
	11/11/94	44.37	**0.07**	55.00	LPH Present.																			
	02/17/95	44.92	**0.03**	54.42	LPH Present.																			
	05/16/95	36.19	**0.17**	63.26	**150,000**	--	--	--	**21,000**	**26,000**	**2,200**	**14,000**	--	9	--	--	--	--	--	--	--	--	--	--
	08/09/95	39.16	**0.31**	60.39	LPH Present.																			
	11/06/95	42.42	**0.11**	56.98	LPH Present.																			
	02/13/96	36.62	**0.12**	62.79	LPH Present.																			
	02/21/96	36.68	**0.13**	62.74	LPH Present.																			
	05/21/96	28.04	**0.37**	71.56	LPH Present.																			
	06/06/96	29.09	**0.41**	70.54	LPH Present.																			
	06/11/96	29.17	**0.38**	70.44	LPH Present.																			
	09/24/96	37.45	**0.41**	62.18	LPH Present.																			
	12/12/96	40.86	**0.22**	58.63	LPH Present.																			
	03/24/97	25.93	**0.13**	73.49	LPH Present.																			
	04/11/97	23.84	**0.19**	75.62	LPH Present.																			
	06/18/97	25.87	**0.02**	73.47	LPH Present.																			
	08/25/97	32.77	**0.18**	66.69	LPH Present.																			
	11/19/97*	37.67	**0.07**	61.70	LPH Present.																			
	02/12/98[NP]	32.81	**0.03**	66.53	LPH Present.																			
	05/14/98[NP]	26.37	**0.04**	72.98	LPH Present.																			
	08/25/98	NM	0.00	NE	Well inaccessible.																			
	11/13/98	NM	0.00	NE	Well inaccessible.																			
	02/10/99	NM	0.00	NE	Well inaccessible.																			
	05/28/99	NM	0.00	NE	Well inaccessible.																			
	08/18/99[NP]	33.58	0.00	65.74[b]	**180,000**	--	--	--	**15,000**	**22,000**	**2,200**	**20,000**	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	46.15	0.00	53.17	**85,600**	--	--	--	**4,360**	**7,750**	**1,160**	**12,300**	--	**152**	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	38.30	0.00	61.02	**130,000**	--	--	--	**11,000**	**17,000**	**1,300**	**18,000**	--	6	--	--	--	--	--	--	--	--	--	--
	05/24/00	NM	0.00	NE	Well inaccessible.																			
	09/11/00[NP]	46.35	0.00	52.97	**55,000**	--	--	--	**2,620**	**1,910**	410	**7,380**	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	43.56	**Trace**	55.76	**76,100**	--	--	--	**6,030**	**8,660**	**1,050**	**10,500**	--	**148**	--	--	--	--	--	--	--	--	--	--
	02/23/01	46.15	0.00	53.17	**64,300**	--	--	--	**5,100**	**5,880**	667	**9,140**	--	**129**	--	--	--	< 1.00	--	--	--	--	< 1.00	< 1.00

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-2	05/16/01	42.48	0.00	56.84	**83,300**	--	--	--	**4,620**	**8,480**	**1,060**	**10,200**	--	**248**	--	--	--	--	--	--	--	--	--	--
(Cont.)	08/30/01[NP]	42.07	**0.01**	57.26	LPH Present.																			
	11/19/01	NM	0.00	NE	Well inaccessible.																			
	05/04/02	31.15	0.00	68.17	**51,900**	--	--	--	**5,330**	**4,780**	255	**7,650**	**--**	**38.2**	--	--	--	--	--	--	--	--	--	--
	11/20/02	46.25	0.00	53.07	**50,900**	--	--	--	**3,010**	**5,600**	**800**	**8,110**	**--**	**3,850**	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	45.86	0.00	53.46	**35,100**	--	--	--	**3,910**	**4,020**	248	**4,760**	**--**	**26.8**	**14.6**	**--**	**--**	--	--	--	--	--	--	--
	11/14/03[NP C]	44.35	0.00	54.97	**1,760**	--	--	--	**96.2**	11.0	1.0	73.1	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	28.97	0.00	70.35	**7,370**	--	--	--	**446**	705	30.4	983	--	8.28	<5.00	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	42.42	0.00	56.90	**19,500**	--	--	--	**2,370**	**1,410**	140	**1,980**	**--**	**20.9**	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	39.87	0.00	59.45	**32,000**	--	--	--	**3,520**	**2,160**	191	**3,280**	**--**	**24.8**	<10.0	--	--	--	--	--	--	--	--	--
	05/16/05	39.50	0.00	59.82	**8,600**	--	--	--	**166**	144	21	470	6.74	15.6	<15	--	--	--	--	--	--	--	--	--
	08/18/05	44.78	0.00	54.54	**10,000**	--	--	--	**930**	220	79	900	<5.0	**283**	--	--	--	--	--	--	--	--	--	--
	11/22/05	48.18	0.00	51.14	**15,000**	--	--	--	**2,600**	770	110	**1,400**	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	36.10	0.00	63.22	**7,800**	--	--	--	**380**	400	46	760	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/30/06	42.90	0.00	56.42	**3,500**	--	--	--	**160**	65	23	280	--	**26.2**	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	44.20	0.00	55.12	**4,800**	--	--	--	**390**	120	43	460	0.9	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	44.06	0.00	55.26	**12,000**	--	--	--	**860**	720	130	**1,500**	<1	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	34.22	0.00	65.10	**6,800**	--	--	--	**920**	570	99	810	<1	70.4	62.2	--	--	--	--	--	--	--	--	--
	05/22/07	32.70	0.00	66.62	**20,000**	--	--	--	**650**	1,000	380	**2,700**	<1	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	35.26	0.00	64.06	**49,000**	--	--	--	**6,300**	**6,500**	600	**5,100**	<5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	41.37	0.00	57.95	**12,000**	--	--	--	**2,000**	390	260	**1,200**	0.6	**15.1**	<6.9	--	--	--	--	--	--	--	--	--
	02/19/08	38.17	0.00	61.15	**21,000**	--	--	--	**2,400**	980	440	**2,500**	<3	10.4	8.8	--	--	--	--	--	--	--	--	--
413.94	05/19/08	35.80	0.00	378.14	**35,000**	--	--	--	**4,600**	**3,100**	670	**4,500**	<2.0	**23.7**	<6.9	--	--	--	--	--	--	--	--	--
	08/18/08	38.75	0.00	375.19	**20,000**	--	--	--	**3,200**	**1,400**	560	**3,500**	<3.0	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/18/08	41.75	0.00	372.19	**28,000**	--	--	--	**3,000**	690	670	**4,500**	<3	14.40	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	39.85	0.00	374.09	**28,700**	**2,800**	**<410**	**3,005**	**1,600**	130	560	**3,700**	<1	1.34	--	--	--	<1	--	<1	<1	<1	<1	<1
	05/05/09	36.00	0.00	377.94	**40,800**	**1,200**	**<420**	**1,410**	**3,590** 2n	**1,760**	634	**4,590**	<1.0	3.3	<1.0	--	--	**92.4**	**0.094**	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	36.60	0.00	377.34	**40,300**	--	--	--	**6,710**	**2,440**	**959**	**7,180**	<5.0	3.2	2.5	--	--	--	--	--	--	--	--	--
	11/03/09	41.22	0.00	372.72	**28,700** 1n,Z2	--	--	--	**2,880**	673	644	**3,460**	<5.0	12.3	0.39	--	--	--	--	--	--	--	--	--
	02/08/10	37.04	0.00	376.90	**42,600** 1n	--	--	--	**4,940**	**1,830**	**1,200**	**8,320**	<1.0	**24.7**	1.2	--	--	--	--	--	--	--	--	--
	05/03/10	32.17	0.00	381.77	**17,400**	--	--	--	**2,060**	746	422	**2,990**	<1.0	4.1	0.36	--	--	--	--	--	--	--	--	--
	09/07/10	36.61	0.00	377.33	**30,700**	--	--	--	**6,770**	**1,930**	**901**	**5,480**	<1.0	12.9	0.22	--	--	--	--	--	--	--	--	--
	12/01/10	39.35	0.00	374.59	**20,600**	--	--	--	**3,260**	**283**	**802**	**3,450**	<1.0	9.2	0.14	--	--	--	--	--	--	--	--	--
	02/10/11	31.63	0.00	382.31	**10,700**	--	--	--	**975**	**250**	359	**2,020**	<1.0	--	--	--	--	--	--	--	--	--	--	--
	05/18/11	25.11	0.00	388.83	**503**	--	--	--	**6.7**	<1.0	2.3	35.0	--	0.46	0.30	--	--	--	--	--	--	--	--	--
	09/02/11	34.81	0.00	379.13	**23,700**	--	--	--	**2,880**	317	563	**2,710**	--	3.2	0.97	--	--	--	--	--	--	--	--	--
	12/07/11	40.12	0.00	373.82	**15,300**	--	--	--	**1,280**	64.8	430	**1,210**	<1.0	5.0	0.14	--	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	02/23/12	39.98	0.00	373.96	**18,400**	--	--	--	**1,110**	53.7	356	**1,360**	**--**	1.1	--	--	--	--	--	--	--	--	--	--
	05/22/12	29.37	0.00	384.57	**9,810**	--	--	--	**1,780**	148	304	**1,320**	**--**	0.36	0.23	--	--	--	--	--	--	--	--	--
	08/01/12	33.91	0.00	380.03	**11,200**	--	--	--	**1,820**	97.4	428	**1,470**	**--**	0.26	0.19	--	--	--	--	--	--	--	--	--
	03/22/13	32.59	0.00	381.35	**4,300**	--	--	--	**466**	13.7	114	271	**--**	<3.0	<10.0	--	--	--	--	--	--	--	--	--
	09/20/13	34.58	0.00	379.36	**19,600**	--	--	--	**3,960**	130.0	**760**	220	**--**	**16.70**	<10.0	--	--	--	--	--	--	--	--	--
	12/19/14	39.91	0.00	374.03	**13,000**	120	<500	370	**1,900**	33.0	**810**	**1,500**	**--**	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	04/29/15	30.61	0.00	383.33	**13,600**	--	--	--	**1,830**	42.6	599	**1,300**	**--**	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	35.92	0.00	378.02	**22,500**	--	--	--	**5,670**	190	**907**	**2,300**	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--
	10/15/15	40.35	0.00	373.59	**10,700**	--	--	--	**1,460**	26.3	449	537	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--
	09/27/16	38.80	0.00	375.14	**10,400**	--	--	--	**1,140**	61.4	479	898	**--**	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/20/17	35.11	0.00	378.83	**2,860**	--	--	--	**327**	22.0	174	294	**--**	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/05/18	37.61	0.00	376.33	**7,570**	--	--	--	**1,070**	50.2	579	404	**--**	2.0 J	<2.0	--	--	--	--	--	--	--	--	--
	10/24/18	Well Decommissioned.																						
GW-2A	12/9/04 [NP]	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NE	02/08/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/16/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/18/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/22/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/01/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/30/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/28/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/14/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/21/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/22/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/20/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/19/08	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
414.5	05/19/08	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/18/08	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/18/08	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	02/04/09	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	05/04/09	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	08/03/09	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	11/03/09	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	02/08/10	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	05/03/10	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	09/07/10	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	12/01/10	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	02/10/11	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	05/18/11	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	09/02/11	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	12/07/11	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	08/01/12	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	03/22/13	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	09/20/13	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	12/19/14	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	04/29/15	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	07/23/15	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	10/15/15	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	09/27/16	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	09/19/17	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	09/04/18	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
	12/11/18	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																			
GW-3	05/02/94	71.02	0.00	31.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
102.95	11/11/94	82.85	0.00	20.10	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
102.78	02/17/95	82.81	0.00	19.97	<50	--	--	--	<0.5	<1	<1	<1	--	2	--	--	--	--	--	--	--	--	--	--
	05/16/95	82.02	0.00	20.76	<50	--	--	--	<0.5	<1	<1	<1	--	5	--	--	--	--	--	--	--	--	--	--
	08/09/95	81.33	0.00	21.45	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	11/06/95	81.21	0.00	21.57	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	02/13/96	84.06	0.00	18.72	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	02/21/96	80.60	0.00	22.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	79.24	0.00	23.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/06/96	79.07	0.00	23.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	78.97	0.00	23.81	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	09/24/96	78.21	0.00	24.57	<50	--	--	--	0.7	2	<1	3	--	2	--	--	--	--	--	--	--	--	--	--
	12/12/96	78.64	0.00	24.14	216	--	--	--	**21.6**	54	2	11	--	<2	--	--	--	--	--	--	--	--	--	--
	03/24/97	77.93	0.00	24.85	<50	--	--	--	<0.5	<1	<1	<1	--	**38**	--	--	--	--	--	--	--	--	--	--
	04/11/97	77.40	0.00	25.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	76.11	0.00	26.67	<50	--	--	--	<0.5	1	<1	<1	--	13	--	--	--	--	--	--	--	--	--	--
	08/25/97	75.68	0.00	27.10	<50	--	--	--	<0.5	<1	<1	<1	--	13	--	--	--	--	--	--	--	--	--	--
	11/19/97[*]	76.58	0.00	26.20	<50	--	--	--	<0.5	<1	<1	<1	--	**18**	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	76.72	0.00	26.06	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	76.15	0.00	26.63	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/25/98	76.35	0.00	26.43[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/13/98	77.88	0.00	24.90[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/10/99	78.98	0.00	23.80[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	79.68	0.00	23.10[b]	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	76.45	0.00	26.33[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	79.18	0.00	23.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	78.42	0.00	24.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	77.46	0.00	25.32	352	--	--	--	<0.500	<0.500	<0.500	36.4	--	--	--	--	--	<1.00	--	--	--	--	<1.00	<1.00

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-3	09/11/00[NP]	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
(Cont)	11/27/00	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/16/01	81.80	0.00	20.98	<50	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	08/30/01	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	82.30	0.00	20.48	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	05/04/02	81.10	0.00	21.68	94.9	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	--	--	--	--	--	--	--
	11/20/02	80.72	0.00	22.06	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	2.52	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	81.15	0.00	21.63	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	81.59	0.00	21.19	<50.0	--	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	81.35	0.00	21.43	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	82.21	0.00	20.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/08/05	82.54	0.00	20.24	<100	--	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	--	--	--	--	--	--	--	--	--	--
	05/16/05	82.75	0.00	20.03	<100	--	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	82.56	0.00	20.22	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	11/22/05	82.51	0.00	20.27	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	82.40	0.00	20.38	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.8	<8.4	--	--	--	--	--	--	--	--	--	--
	05/30/06	81.72	0.00	21.06	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	81.10	0.00	21.68	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	81.50	0.00	21.28	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	81.05	0.00	21.73	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**64.5**	**62.2**	--	--	--	--	--	--	--	--	--
	05/22/07	81.10	0.00	21.68	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	79.42	0.00	23.36	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/19/08	80.47	0.00	22.31	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	7.4	--	--	--	--	--	--	--	--	--
	05/19/08	80.52	0.00	337.22	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/18/08	80.80	0.00	336.94	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	7.0	<6.9	--	--	--	--	--	--	--	--	--
	11/17/08	81.19	0.00	336.55	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	81.50	0.00	336.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/04/09	81.72	0.00	336.02	87.2 4n	<83	<420	<252	<1.0	<1.0	<1.0	<1.0	<1.0	1.50	<1.0	--	--	<1.0	<0.010	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	81.65	0.00	336.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/03/09	81.95	0.00	335.79	Well gauged only this quarter.																			
	02/08/10	82.22	0.00	335.52	Well gauged only this quarter.																			
	05/03/10	81.60	0.00	336.14	Well gauged only this quarter.																			
	09/07/10	80.72	0.00	337.02	Well gauged only this quarter.																			
	12/01/10	81.18	0.00	336.56	Well gauged only this quarter.																			
	02/10/11	78.17	0.00	339.57	Well gauged only this quarter.																			
	05/18/11	79.56	0.00	338.18	Well gauged only this quarter.																			
	09/02/11	78.65	0.00	339.09	Well gauged only this quarter.																			
	12/07/11	79.10	0.00	338.64	Well gauged only this quarter.																			
	02/23/12	79.91	0.00	337.83	Well gauged only this quarter.																			
	05/22/12	79.81	0.00	337.93	Well gauged only this quarter.																			
	08/01/12	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/22/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	09/20/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	12/19/14	80.86	0.00	336.88	<100	<100	<500	<300	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	04/29/15	80.70	0.00	337.04	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	80.19	0.00	337.55	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--	--
	10/15/15	80.61	0.00	337.13	<250	--	--	--	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	--	--	--	--	--	--	--
	09/27/16	79.00	0.00	338.74	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/19/17	77.01	0.00	340.73	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
417.74	09/05/18	78.31	0.00	339.43	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	10/24/18	Well Decommissioned.																						
GW-4	05/02/94	DRY	0.00	NE	Well not sampled due to insufficient water.																			
101.84	11/11/94	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/17/95	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/16/95	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	08/09/95	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	11/06/95	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/13/96	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/21/96	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/21/96	78.27	0.00	23.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/06/96	78.10	0.00	23.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	78.02	0.00	23.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/24/96	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	12/12/96	77.71	0.00	24.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/97	76.88	0.00	24.96	<50	--	--	--	<50	<1	<1	<1	--	**52**	--	--	--	--	--	--	--	--	--	--
	04/11/97	76.36	0.00	25.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	75.08	0.00	26.76	<50	--	--	--	<50	<1	<1	<1	--	4	--	--	--	--	--	--	--	--	--	--
	08/25/97	74.70	0.00	27.14	300	--	--	--	**9.8**	15	3	46	--	4	--	--	--	--	--	--	--	--	--	--
	11/19/97[*]	75.61	0.00	26.23	<50	--	--	--	0.8	<1	<1	<1	--	**18**	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	75.90	0.00	25.94	<50	--	--	--	1	<1	<1	<1	--	**27**	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	75.18	0.00	26.66	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/25/98[NP]	75.45	0.00	26.39[b]	<50	--	--	--	<0.5	<1	<1	<1	--	**23**	--	--	--	--	--	--	--	--	--	--
	11/13/98[NP]	77.24	0.00	24.60[b]	<50	--	--	--	<0.5	<1	<1	<1	--	**103**	--	--	--	--	--	--	--	--	--	--
	02/10/99	78.08	0.00	23.76[b]	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	73.80	0.00	28.04[b]	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	75.54	0.00	26.30[b]	<50	--	--	--	0.5	<1	<1	2	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/09/00[NP]	77.50	0.00	24.34	<50	--	--	--	<0.5	<1	<1	<1	--	**24**	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	75.70	0.00	26.14	<50.0	--	--	--	<0.500	<0.500	<0.500	2.88	--	--	--	--	--	--	--	--	--	--	--	--
	09/11/00[NP]	71.56	0.00	30.28	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00[NP]	78.40	0.00	23.44	141	--	--	--	<0.500	1.10	<0.500	5.59	--	**254**	--	--	--	--	--	--	--	--	--	--
	02/23/01	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/16/01	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	08/30/01	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	11/19/01	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/04/02	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	11/20/02	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/21/03[NP]	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	11/14/03[NP]	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	5/13/04[NP]	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	12/9/04 [NP]	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/08/05	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/16/05	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	08/18/05	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	11/22/05	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	03/01/06	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/30/06	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	08/28/06	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	11/14/06	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/21/07	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/22/07	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	8/20/2007[d]	78.47	0.00	23.37	Well not sampled due to insufficient water.																			
	11/19/07	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/19/08	DRY	0.00	NE	Well not sampled due to insufficient water.																			
416.79	05/19/08	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	08/18/08	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	11/17/08	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/04/09	79.15	0.00	337.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/4/090	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	08/03/09	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	11/03/09	79.10	0.00	337.69	Well gauged only this quarter.																			
	02/08/10	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	05/03/10	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	09/07/10	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	12/01/10	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/10/11	DRY	0.00	NE	Well not sampled due to insufficient water.																			

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-4	05/18/11	78.55	0.00	338.24	Well gauged only this quarter.																			
(Cont.)	09/02/11	77.64	0.00	339.15	Well gauged only this quarter.																			
	12/07/11	78.21	0.00	338.58	Well gauged only this quarter.																			
	02/23/12	DRY	0.00	NE	Well gauged only this quarter.																			
	05/22/12	DRY	0.00	NE	Well gauged only this quarter.																			
	08/01/12	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	12/19/14	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	04/29/15	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	07/23/15	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	10/15/15	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	09/27/16	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	09/19/17	76.10	0.00	340.69	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/11/18	77.37	0.00	339.42	Well gauged only this quarter.																			
	10/25/18	Well Decommissioned.																						
GW-5	05/02/94	78.84	0.00	20.14	**100,000**	--	--	--	**8,200**	**15,000**	**2,100**	**12,000**	--	3	--	--	--	--	--	--	--	--	--	--
98.98	11/11/94	79.14	0.00	19.84	**160,000**	--	--	--	**20,000**	**33,000**	**2,300**	**15,000**	--	6	--	--	--	--	--	--	--	--	--	--
	02/17/95	79.14	0.00	19.84	**130,000**	--	--	--	**14,000**	**25,000**	**1,550**	**11,000**	--	6	--	--	--	--	--	--	--	--	--	--
	05/16/95	78.31	0.00	20.67	**180,000**	--	--	--	**19,000**	**34,000**	**2,300**	**16,000**	--	8	--	--	--	--	--	--	--	--	--	--
	08/09/95	77.55	0.00	21.43	**200,000**	--	--	--	**22,000**	**38,000**	**2,400**	**18,000**	--	**17**	--	--	--	--	--	--	--	--	--	--
	11/06/95	77.49	0.00	21.49	**184,000**	--	--	--	**20,000**	**42,000**	**2,900**	**19,000**	--	**15**	--	--	--	--	--	--	--	--	--	--
	02/13/96	77.31	0.00	21.67	**190,000**	--	--	--	**19,000**	**42,000**	**2,900**	**18,000**	--	8	--	--	--	--	--	--	--	--	--	--
	02/21/96	76.89	0.00	22.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	75.21	0.00	23.77	**32,000**	--	--	--	**1,800**	**2,100**	100	**5,900**	--	6	--	--	--	--	--	--	--	--	--	--
	06/06/96	75.04	0.00	23.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	75.07	0.00	23.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/24/96	74.47	0.00	24.51	**56,000**	--	--	--	**3,800**	**5,100**	90	**8,700**	--	4	--	--	--	--	--	--	--	--	--	--
	12/12/96	74.99	0.00	23.99	**88,000**	--	--	--	**2,200**	**4,700**	43	**16,000**	--	**42**	--	--	--	--	--	--	--	--	--	--
	03/24/97	24.90	0.00	74.08	**7,800**	--	--	--	**690**	790	13	**1,300**	--	**34**	--	--	--	--	--	--	--	--	--	--
	04/11/97	73.31	0.00	25.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	72.05	0.00	26.93	**90,000**	--	--	--	**9,000**	**21,000**	**1,400**	**12,000**	--	4	--	--	--	--	--	--	--	--	--	--
	08/25/97	71.85	0.00	27.13	**45,000**	--	--	--	**4,600**	**7,000**	180	**6,500**	--	4	--	--	--	--	--	--	--	--	--	--
	11/19/97*	72.77	0.00	26.21	**44,000**	--	--	--	**3,700**	**7,200**	530	**4,800**	--	5	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	73.10	0.00	25.88	**65,000**	--	--	--	**6,800**	**10,000**	**990**	**5,500**	--	3	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	72.40	0.00	26.58[b]	**56,000**	--	--	--	**7,700**	**11,000**	**1,000**	**10,000**	--	6	--	--	--	--	--	--	--	--	--	--
	08/25/98[NP]	67.44	0.00	31.54[b]	**25,000**	--	--	--	**120**	**450**	58	**5,300**	--	6	--	--	--	--	--	--	--	--	--	--
	11/13/98	NM	0.00	NE	Well inaccessible.																			
	02/10/99	NM	0.00	NE	Well inaccessible.																			
	05/28/99	NM	0.00	NE	Well inaccessible.																			
	08/18/99[NP]	72.85	0.00	26.13[b]	**4,900**	--	--	--	**430**	480	36	560	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	76.11	0.00	22.87	276	--	--	--	3.07	4.94	0.815	22.2	--	**9.62**	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	75.62	0.00	23.36	94	--	--	--	<0.5	2	<1	9	--	7	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	38.60	0.00	60.38	367	--	--	--	**21.9**	40.1	1.34	77.2	--	--	--	--	--	--	--	--	--	--	--	--
	09/11/00[NP]	60.00	0.00	38.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	48.75	0.00	50.23	436	--	--	--	<0.500	4.35	1.57	50.1	--	5.31	--	--	--	--	--	--	--	--	--	--
	05/16/01	79.44	0.00	19.54	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	2.35	--	--	--	--	--	--	--	--	--	--
	08/30/01[NP]	77.78	0.00	21.20	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	1.04	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	11/19/01	79.37	0.00	19.61	472	--	--	--	<0.500	8.43	1.34	79.1	--	1.93	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	05/04/02	76.90	0.00	22.08	<50.0	--	--	--	<0.500	0.630	<0.500	1.82	--	<1.00	--	--	--	--	--	--	--	--	--	--
	11/20/02	76.93	0.00	22.05	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	1.70	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	78.00	0.00	20.98	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	1.02	<1.00	--	--	--	--	--	--	--	--	--
	11/14/03[NP C]	79.12	0.00	19.87	<50.0	--	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	78.51	0.00	20.47	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	80.04	0.00	18.94	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	78.70	0.00	20.28	<100	--	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	05/16/05	79.64	0.00	19.34	<100	--	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	80.55	0.00	18.43	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	11/22/05	78.24	0.00	20.74	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	77.97	0.00	21.01	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/30/06	77.33	0.00	21.65	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	76.68	0.00	22.30	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	78.35	0.00	20.63	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	76.70	0.00	22.28	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	43.6	43.3	--	--	--	--	--	--	--	--	--
	05/22/07	75.78	0.00	23.20	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	75.15	0.00	23.83	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	76.01	0.00	22.97	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/19/08	73.98	0.00	25.00	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
413.40	05/19/08	76.12	0.00	337.28	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/18/08	76.52	0.00	336.88	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/17/08	77.00	0.00	336.40	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	77.30	0.00	336.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/04/09	77.40	0.00	336.00	<50.0 4n	<83	<420	<252	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.010	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	77.38	0.00	336.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/03/09	77.71	0.00	335.69	Well gauged only this quarter.																			
	02/08/10	77.94	0.00	335.46	Well gauged only this quarter.																			
	05/03/10	77.19	0.00	336.21	Well gauged only this quarter.																			
	09/07/10	76.40	0.00	337.00	Well gauged only this quarter.																			
	12/01/10	76.94	0.00	336.46	Well gauged only this quarter.																			
	02/10/11	76.18	0.00	337.22	Well gauged only this quarter.																			
	05/18/11	74.77	0.00	338.63	Well gauged only this quarter.																			
	09/02/11	74.33	0.00	339.07	Well gauged only this quarter.																			
	12/07/11	74.94	0.00	338.46	<50.0	--	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	0.33	0.13	--	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	02/23/12	75.78	0.00	337.62	Well gauged only this quarter.																			
	05/22/12	75.44	0.00	337.96	Well gauged only this quarter.																			
	08/01/12	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/22/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	09/20/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	12/19/14	76.60	0.00	336.80	<100	<100	<500	<300	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	4/29/2015**	74.44	0.00	338.96	249	--	--	--	**14.2**	<1.0	1.6	14.7	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	75.06	0.00	338.34	182	--	--	--	3.9	<1.0	2.4	7.6	--	--	--	--	--	--	--	--	--	--	--	--
	10/15/15	76.34	0.00	337.06	<250	--	--	--	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	--	--	--	--	--	--	--
	09/27/16	74.75	0.00	338.65	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/20/17	63.21	0.00	350.19	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/05/18	74.04	0.00	339.36	<19.6	--	--	--	0.60 J	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	10/24/18	Well Decommissioned.																						
GW-6	05/02/94	42.10	**1.90**	57.57	LPH Present.																			
98.24	11/11/94	41.67	**0.65**	57.06	LPH Present.																			
	02/17/95	41.13	**0.24**	57.29	LPH Present.																			
	05/16/95	32.62	**0.24**	65.80	**130,000**	--	--	--	**14,000**	**21,000**	**2,000**	**11,000**	--	2	--	--	--	--	--	--	--	--	--	--
	08/09/95	32.65	**0.03**	65.61	LPH Present.																			
	11/06/95	40.26	**0.06**	58.03	LPH Present.																			
	02/13/96	32.10	0.00	66.14	**68,000**	--	--	--	**11,000**	**13,000**	**1,100**	**6,000**	--	5	--	--	--	--	--	--	--	--	--	--
	02/21/96	32.18	**0.05**	66.10	LPH Present.																			
	05/21/96	27.40	0.00	70.84	**36,000**	--	--	--	**2,300**	**3,300**	560	**3,700**	--	**20**	--	--	--	--	--	--	--	--	--	--
	06/06/96	28.16	0.00	70.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	28.23	0.00	70.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/24/96	35.38	0.00	62.86	**36,000**	--	--	--	**3,800**	**5,100**	**790**	**4,300**	--	**22**	--	--	--	--	--	--	--	--	--	--
	12/12/96	37.76	0.00	60.48	**66,000**	--	--	--	**4,100**	**7,900**	**1,100**	**6,500**	--	**48**	--	--	--	--	--	--	--	--	--	--
	03/24/97	24.55	0.00	73.69	**82,000**	--	--	--	**2,700**	**12,000**	**1,700**	**10,000**	--	**41**	--	--	--	--	--	--	--	--	--	--
	04/11/97	23.32	0.00	74.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	25.51	0.00	72.73	**43,000**	--	--	--	**4,100**	**7,300**	**800**	**4,500**	--	10	--	--	--	--	--	--	--	--	--	--
	08/25/97	30.55	0.00	67.69	**52,000**	--	--	--	**5,600**	**11,000**	**1,200**	**6,200**	--	10	--	--	--	--	--	--	--	--	--	--
	11/19/97*	34.17	0.00	64.07	**81,000**	--	--	--	**8,700**	**15,000**	**1,500**	**7,700**	--	13	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	26.67	0.00	71.57	**1,400**	--	--	--	**33**	51	59	110	--	6	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	26.00	0.00	72.24[b]	**1,800**	--	--	--	**42**	170	98	310	--	5	--	--	--	--	--	--	--	--	--	--
	08/25/98[NP]	25.99	0.00	72.25[b]	**14,000**	--	--	--	**220**	890	**79**	**3,100**	--	5	--	--	--	--	--	--	--	--	--	--
	11/13/98	NM	0.00	NE	Well inaccessible.																			
	02/10/99	NM	0.00	NE	Well inaccessible.																			

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-6	05/28/99	NM	0.00	NE	Well inaccessible.																			
(Cont.)	08/18/99[NP]	32.94	0.00	65.30[b]	**26,000**	--	--	--	**1,100**	**2,600**	240	**3,100**	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	43.39	0.00	54.85	218	--	--	--	1.11	5.55	0.642	30.1	--	4.47	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	36.20	0.00	62.04	<50	--	--	--	<0.5	<1	<1	2	--	<2	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	27.52	0.00	70.72	<50.0	--	--	--	2.31	1.05	<0.500	1.34	--	--	--	--	--	--	--	--	--	--	--	--
	09/11/00[NP]	26.46	0.00	71.78	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	40.05	0.00	58.19	**1,990**	--	--	--	**214**	265	20.7	333	--	**329**	--	--	--	--	--	--	--	--	--	--
	02/23/01	34.58	0.00	63.66	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	1.18	--	--	--	--	--	--	--	--	--	--
	05/16/01	43.52	0.00	54.72	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	--	--	--	--	--	--	--
	08/30/01[NP]	40.20	0.00	58.04	<50.0	--	--	--	1.73	<0.500	<0.500	1.17	--	1.87	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	11/19/01	46.75	0.00	51.49	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	05/04/02	28.46	0.00	69.78	<50.0	--	--	--	0.748	<0.500	<0.500	1.08	--	5.23	--	--	--	--	--	--	--	--	--	--
	11/20/02	46.10	0.00	52.14	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	35.60	0.00	62.64	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
	11/14/03[NP C]	46.05	0.00	52.19	<50.0	--	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	34.02	0.00	64.22	<100	--	--	--	1.95	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	42.73	0.00	55.51	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	39.02	0.00	59.40	<100	--	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	05/16/05	33.23	0.00	65.01	<100	--	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	82.10	0.00	16.14	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	11/22/05	38.57	0.00	59.67	<48	--	--	--	0.7	<0.2	<0.2	0.6	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	32.80	0.00	65.44	100	--	--	--	8	<0.7	<0.8	1	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/30/06	32.49	0.00	65.75	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	NM	0.00	NE	<48	--	--	--	4	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	41.00	0.00	57.24	<48	--	--	--	4	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	31.14	0.00	67.10	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**57.8**	**47.6**	**--**	**--**	--	--	--	--	--	--	--
	05/22/07	27.90	0.00	70.34	<50	--	--	--	1	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	35.30	0.00	62.94	<50	--	--	--	2	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	38.67	0.00	59.57	700	--	--	--	**230**	15	49	7	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/19/08	34.37	0.00	63.87	390	--	--	--	<0.5	83	12	18	10	12.1	<6.9	--	--	--	--	--	--	--	--	--
413.26	05/19/08	32.28	0.00	380.98	**800**	--	--	--	**280**	37	52	49	<0.5	**23.4**	<6.9	--	--	--	--	--	--	--	--	--	--
	08/18/08	36.15	0.00	377.11	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/18/08	38.74	0.00	374.52	790	--	--	--	**290**	17	35	64	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	37.20	0.00	376.06	388	<83	<420	<252	**300**	7.40	34	20	<1	1.06	--	--	--	<1	--	<1	<1	<1	<1	<1
	05/04/09	32.52	0.00	380.74	<50.0	<83	<420	<252	<1.0	<1.0	<1.0	<1.0	<1.0	**20.8**	<1.0	--	--	<1.0	<0.010	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	34.00	0.00	379.26	**2,050**	--	--	--	**697**	30.7	126	158	<5.0	1.4	0.4	--	--	--	--	--	--	--	--	--
	11/03/09	38.52	0.00	374.74	**1,660** 1n,Z2	--	--	--	**260**	8.6	100	118	<1.0	2.2	0.11	--	--	--	--	--	--	--	--	--
	02/08/10	33.24	0.00	380.02	19.2J, 1n	--	--	--	**16.7**	<1.0	1.8	3.8	<1.0	**18.8**	<0.10	--	--	--	--	--	--	--	--	--
	05/03/10	28.13	0.00	385.13	<50.0	--	--	--	1.1	<1.0	<1.0	<3.0	<1.0	**24.9**	<0.10	--	--	--	--	--	--	--	--	--
	09/07/10	33.90	0.00	379.36	**1,380**	--	--	--	**368**	13.2	93.9	156	<1.0	7.1	<0.10	--	--	--	--	--	--	--	--	--
	12/01/10	35.78	0.00	377.48	522	--	--	--	**277** M1	4.3	39.2	43.9	<1.0	5.3	0.25	--	--	--	--	--	--	--	--	--
	02/10/11	27.49	0.00	385.77	399	--	--	--	**123**	2.0	21.9	27.4	<1.0	1.6	0.14	--	--	--	--	--	--	--	--	--
	05/18/11	24.38	0.00	388.88	<50.0	--	--	--	<1.0	<1.0	<1.0	<3.0	--	1.4	<0.10	--	--	--	--	--	--	--	--	--
	09/02/11	32.32	0.00	380.94	527	--	--	--	**79.8**	3.1	16.2	39.0	--	8.1	<0.10	--	--	--	--	--	--	--	--	--
	12/07/11	37.32	0.00	375.94	**1,260**	--	--	--	**112**	4.2	38.3	68.2	<1.0	1.6	0.14	--	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	02/23/12	38.05	0.00	375.21	187	--	--	--	**37.2**	<1.0	8.6	8.4	--	4.8	--	--	--	--	--	--	--	--	--	--
	05/22/12	27.95	0.00	385.31	<50.0	--	--	--	<1.0	<1.0	<1.0	<3.0	--	0.86	<0.10	--	--	--	--	--	--	--	--	--
	08/01/12	31.33	0.00	381.93	<50.0	--	--	--	4.8	<1.0	<1.0	<3.0	**--**	<0.10	<0.10	--	--	--	--	--	--	--	--	--
	03/22/13	29.28	0.00	383.98	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	**--**	**31.2**	<10.0	--	--	--	--	--	--	--	--	--
	09/20/13	32.94	0.00	380.32	**1,050**	--	--	--	**92.8**	6	39	97	**--**	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	12/19/14	36.47	0.00	376.79	530	<100	<500	<300	**190**	4.1	34	48	**--**	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	4/29/2015**	27.39	0.00	385.87	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	**--**	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	33.54	0.00	379.72	**3,760**	--	--	--	**252**	19.0	164	303	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--
	10/15/15	38.12	0.00	375.14	**2,560**	--	--	--	**197**	13.8	125	243	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--
	10/07/16	37.00	0.00	376.26	**1,140**	--	--	--	**115**	7.0	49.5	77.0	**--**	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/20/17	33.16	0.00	380.10	739	--	--	--	**128**	8.1	44.6	56.1	**--**	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/04/18	35.34	0.00	377.92	<19.6	--	--	--	0.34 J	<0.083	0.25J	<0.31	**--**	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	10/24/18	Well Decommissioned.																						
GW-7D[1]	11/11/94	77.35	0.00	19.82	<50	--	--	--	1.3	2	<1	2	--	<2	--	--	--	--	--	--	--	--	--	--
97.17	02/17/95	77.30	0.00	19.87	<50	--	--	--	0.7	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	05/16/95	73.53	0.00	23.64	<50	--	--	--	1.5	<1	<1	<1	--	**19**	--	--	--	--	--	--	--	--	--	--
	08/09/95	75.50	0.00	21.67	<50	--	--	--	<4	<1	<1	<1	--	5	--	--	--	--	--	--	--	--	--	--
	11/06/95	75.73	0.00	21.44	<50	--	--	--	**6.6**	<1	<1	<1	--	12	--	--	--	--	--	--	--	--	--	--
	02/13/96	75.58	0.00	21.59	<50	--	--	--	1.1	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	02/21/96	75.10	0.00	22.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	73.61	0.00	23.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/06/96	73.55	0.00	23.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	73.46	0.00	23.71	<50	--	--	--	2.1	<1	<1	<1	--	7	--	--	--	--	--	--	--	--	--	--
	09/24/96	72.84	0.00	24.33	<50	--	--	--	2.6	<1	<1	<1	--	10	--	--	--	--	--	--	--	--	--	--
	12/12/96	73.18	0.00	23.99	<50	--	--	--	1.2	<1	<1	<1	--	9	--	--	--	--	--	--	--	--	--	--
	03/24/97	68.85	0.00	28.32	<50	--	--	--	0.8	<1	<1	<1	--	3	--	--	--	--	--	--	--	--	--	--
	04/11/97	71.89	0.00	25.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	71.19	0.00	25.98	<50	--	--	--	1.0	<1	<1	<1	--	10	--	--	--	--	--	--	--	--	--	--
	08/25/97	70.32	0.00	26.85	<50	--	--	--	1.1	<1	<1	<1	--	10	--	--	--	--	--	--	--	--	--	--
	11/19/97[*]	71.79	0.00	25.38	<50	--	--	--	<1	<1	<1	<1	--	14	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	71.27	0.00	25.90	<50	--	--	--	<1	<1	<1	<1	--	2	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	70.75	0.00	26.42[b]	<50	--	--	--	<0.5	<1	<1	<1	--	6	--	--	--	--	--	--	--	--	--	--
	08/25/98	70.64	0.00	26.53[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/13/98	71.30	0.00	25.87[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/10/99	73.76	0.00	23.41[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	69.40	0.00	27.77[b]	<50	--	--	--	2.7	<1	<1	<1	--	8	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	71.23	0.00	25.94[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	71.62	0.00	25.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	73.20	0.00	23.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	76.55	0.00	20.62	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	09/11/00	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/16/01	77.92	0.00	19.25	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	7.14	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	08/30/01	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	79.60	0.00	17.57	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	05/04/02	75.67	0.00	21.50	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	3.21	--	--	--	--	--	--	--	--	--	--
	11/20/02	76.20	0.00	20.97	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	11.5	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	76.20	0.00	20.97	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	**19.0**	13.0	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	76.22	0.00	20.95	<50.0	--	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	76.73	0.00	20.44	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	78.31	0.00	18.86	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	76.85	0.00	20.32	<100	--	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	--	--	--	--	--	--	--	--	--	--
	05/16/05	77.07	0.00	20.10	<100	--	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	77.68	0.00	19.49	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	11/22/05	77.17	0.00	20.00	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	76.84	0.00	20.33	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/30/06	76.32	0.00	20.85	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	8.7	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	75.71	0.00	21.46	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	76.22	0.00	20.95	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	75.58	0.00	21.59	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**62.1**	52	--	--	--	--	--	--	--	--	--
	05/22/07	74.70	0.00	22.47	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	74.05	0.00	23.12	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	74.91	0.00	22.26	65	--	--	--	<0.5	2	<0.8	1	<0.5	12.7	<6.9	--	--	--	--	--	--	--	--	--
	02/19/08	75.02	0.00	22.15	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**24.6**	<6.9	--	--	--	--	--	--	--	--	--
412.23	05/19/08	75.12	0.00	337.11	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**20.0**	<6.9	--	--	--	--	--	--	--	--	--
	08/18/08	75.37	0.00	336.86	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/18/08	75.85	0.00	336.38	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	7.9	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	76.11	0.00	336.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/05/09	76.35	0.00	335.88	<50.0	<83	<420	<252	<1.0	<1.0	<1.0	<1.0	<1.0	6.3	<1.0	--	--	<1.0	<0.010	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	76.24	0.00	335.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/03/09	76.58	0.00	335.65	Well gauged only this quarter.																			
	02/08/10	76.79	0.00	335.44	Well gauged only this quarter.																			

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-7D	05/03/10	76.13	0.00	336.1	Well gauged only this quarter.																			
(Cont.)	09/07/10	75.29	0.00	336.94	Well gauged only this quarter.																			
	12/01/10	75.81	0.00	336.42	Well gauged only this quarter.																			
	02/10/11	74.84	0.00	337.39	Well gauged only this quarter.																			
	05/18/11	74.08	0.00	338.15	Well gauged only this quarter.																			
	09/02/11	73.31	0.00	338.92	Well gauged only this quarter.																			
	12/07/11	73.80	0.00	338.43	<50.0	--	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	**23.3**	0.23	--	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	02/23/12	74.64	0.00	337.59	Well gauged only this quarter.																			
	05/22/12	74.36	0.00	337.87	Well gauged only this quarter.																			
	08/01/12	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/22/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	09/20/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	12/19/14	NM	0.00	NE	Well inaccessible - submerged under large surface puddle of water.																			
	04/29/15	75.27	0.00	336.96	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	**19.0**	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	74.80	0.00	337.43	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--	--
	10/15/15	75.24	0.00	336.99	<250	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--	--	--	--
	10/07/16	73.80	0.00	338.43	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	**21.6**	<10.0	--	--	--	--	--	--	--	--	--
	09/20/17	71.70	0.00	340.53	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/05/18	72.98	0.00	339.25	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	2.7J	<2.0	--	--	--	--	--	--	--	--	--
	12/13/18	73.55	0.00	338.68	<19.6	--	--	--	4.4	1.7	0.31 J	<0.31	--	11.6	<2.0	--	--	--	--	--	--	--	--	--
	03/26/19	74.65	0.00	337.58	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/25/19	74.90	0.00	337.33	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	2.9J	<2.0	--	--	--	--	--	--	--	--	--
	03/09/21	NM	0.00	NE	Well not monitored or sampled this quarter - concentrations historically below cleanup levels.																			
	07/14/21	NM	0.00	NE	Well not monitored or sampled this quarter - concentrations historically below cleanup levels.																			
	10/07/21	NM	0.00	NE	Well not monitored or sampled this quarter - concentrations historically below cleanup levels.																			
	12/16/21	NM	0.00	NE	Well not monitored or sampled this quarter - concentrations historically below cleanup levels.																			
GW-8S	12/11/18	35.35	0.00	378.42	Well not sampled due to insufficient water.																			
413.77	03/27/19	20.02	0.00	393.75	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/26/19	21.92	0.00	391.85	<38.3	--	--	--	<0.10	<0.83	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	03/09/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	07/14/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	10/07/21	NM	1.00	NE	Well inaccessible.																			
	12/16/21	NM	2.00	NE	Well inaccessible.																			
	03/31/22	20.93	0.00	392.84	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/27/22	21.15	0.00	392.62	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	09/20/22	34.73	0.00	379.04	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/14/22	39.87	0.00	373.90	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/16/23	22.25	0.00	391.52	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/20/23	22.33	0.00	391.44	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	09/27/23	38.11	0.00	375.66	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/05/23	39.20	0.00	374.57	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/05/24	20.36	0.00	393.41	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/05/24	21.61	0.00	392.16	Well gauged only this quarter - concentrations historically below cleanup levels.																			
GW-8D[1]	11/11/94	79.12	0.00	19.70	**88,000**	--	--	--	**17,000**	**18,000**	**1,000**	**7,000**	--	4	--	--	--	--	--	--	--	--	--	--	--
98.82	02/17/95	79.04	0.00	19.78	**11,000**	--	--	--	**20,000**	**22,000**	**1,650**	**9,200**	--	5	--	--	--	--	--	--	--	--	--	--	--
	05/16/95	78.28	0.00	20.54	**98,000**	--	--	--	**19,000**	**18,000**	**1,500**	**8,300**	--	7	--	--	--	--	--	--	--	--	--	--	--
	08/09/95	77.57	0.00	21.25	**95,000**	--	--	--	**21,000**	**19,000**	**1,400**	**7,400**	--	6	--	--	--	--	--	--	--	--	--	--	--
	11/06/95	77.49	0.00	21.33	**99,000**	--	--	--	**21,000**	**21,000**	**1,600**	**8,100**	--	4	--	--	--	--	--	--	--	--	--	--	--
	02/13/96	77.27	0.00	21.55	**110,000**	--	--	--	**25,000**	**28,000**	**2,000**	**10,000**	--	5	--	--	--	--	--	--	--	--	--	--	--
	02/21/96	76.87	0.00	21.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	75.33	0.00	23.49	**100,000**	--	--	--	**23,000**	**24,000**	**1,700**	**9,400**	--	2	--	--	--	--	--	--	--	--	--	--	--
	06/06/96	75.13	0.00	23.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	75.17	0.00	23.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/24/96	74.60	0.00	24.22	**92,000**	--	--	--	**18,000**	**18,000**	**1,500**	**7,700**	--	4	--	--	--	--	--	--	--	--	--	--	--
	12/12/96	75.11	0.00	23.71	**130,000**	--	--	--	**19,000**	**22,000**	**1,600**	**8,500**	--	4	--	--	--	--	--	--	--	--	--	--	--
	03/24/97	74.04	0.00	24.78	**73,000**	--	--	--	**14,000**	**18,000**	**1,400**	**7,400**	--	3	--	--	--	--	--	--	--	--	--	--	--
	04/11/97	73.57	0.00	25.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	73.38	0.00	25.44	**90,000**	--	--	--	**20,000**	**23,000**	**1,500**	**8,200**	--	7	--	--	--	--	--	--	--	--	--	--	--
	08/25/97	72.08	0.00	26.74	**47,000**	--	--	--	**10,000**	**10,000**	**840**	**4,800**	--	7	--	--	--	--	--	--	--	--	--	--	--
	11/19/97*	72.91	0.00	25.91	**39,000**	--	--	--	**8,000**	**7,600**	**760**	**12,000**	--	**11**	--	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	73.04	0.00	25.78	**6,600**	--	--	--	**920**	420	120	350	--	<2	--	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	72.40	0.00	26.42	640	--	--	--	**200**	92	24	110	--	4	--	--	--	--	--	--	--	--	--	--	--
	08/25/98[NP]	64.50	0.00	34.32[b]	**4,200**	--	--	--	**150**	850	34	820	--	3	--	--	--	--	--	--	--	--	--	--	--
	11/13/98[NP]	73.98	0.00	24.84[b]	**1,500**	--	--	--	**38**	68	2	460	--	10	--	--	--	--	--	--	--	--	--	--	--
	02/10/99	75.38	0.00	23.44[b]	284	--	--	--	**66.4**	10.5	6.45	23.1	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	64.90	0.00	33.92[b]	**17,000**	--	--	--	**230**	**1,200**	100	**3,400**	--	4	--	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	72.90	0.00	25.92[b]	<50	--	--	--	0.7	<1	<1	<1	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	76.78	0.00	22.04	<50.0	--	--	--	2.46	<0.500	0.509	1.44	--	1.06	--	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	74.83	0.00	23.99	<50	--	--	--	3.4	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	73.25	0.00	25.57	**8,100**	--	--	--	**34.3**	10.6	<5.00	**1,850**	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/11/00[NP]	67.00	0.00	31.82	69.2	--	--	--	0.503	<0.500	<0.500	6.87	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/23/01	73.69	0.00	25.13	62.1	--	--	--	<0.500	<0.500	<0.500	< 1.00	--	2.03	--	--	--	--	--	--	--	--	--	--	--
	05/16/01	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	08/30/01[NP]	78.15	0.00	20.67	<50.0	--	--	--	<0.500	<0.500	<0.500	3.05	--	1.50	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	11/19/01	78.87	0.00	19.95	99.1	--	--	--	<0.500	2.47	<0.500	25.6	--	<1.00	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	05/04/02	76.32	0.00	22.50	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	--	--	--	--	--	--	--
	11/20/02	77.19	0.00	21.63	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	77.11	0.00	21.71	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	77.69	0.00	21.14	<50.0	--	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	77.64	0.00	21.18	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/10/04 [NP]	77.70	0.00	21.12	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	78.21	0.00	20.61	<100	--	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	05/16/05	79.11	0.00	19.71	<100	--	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	79.44	0.00	19.38	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	<0.6	<8.4	--	--	--	--	--	--	--	--	--	--
	11/11/05	78.57	0.00	20.25	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	78.40	0.00	20.42	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/31/06	77.71	0.00	21.11	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	77.20	0.00	21.62	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	78.50	0.00	20.32	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	77.15	0.00	21.67	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**51.1**	**46.2**	--	--	--	--	--	--	--	--	--
	05/22/07	76.32	0.00	22.50	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	75.73	0.00	23.09	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	76.60	0.00	22.22	150	--	--	--	3	5	1	8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/19/08	76.65	0.00	22.17	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	7.7	<6.9	--	--	--	--	--	--	--	--	--
413.79	05/19/08	76.76	0.00	337.03	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/18/08	77.09	0.00	336.70	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/17/08	77.50	0.00	336.29	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	77.75	0.00	336.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/05/09	78.04	0.00	335.75	<50.0	<85	<430	<258	<1.0	<1.0	<1.0	3.1	<1.0	1.8	<1.0	--	--	<1.0	<0.010	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	77.93	0.00	335.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/03/09	78.20	0.00	335.59	Well gauged only this quarter.																			
	02/08/10	78.40	0.00	335.39	Well gauged only this quarter.																			
	05/03/10	77.79	0.00	336.00	Well gauged only this quarter.																			
	09/07/10	76.95	0.00	336.84	Well gauged only this quarter.																			
	12/01/10	77.46	0.00	336.33	<50.0	--	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	8.5	0.15	--	--	--	--	--	--	--	--	--
	02/10/11	74.16	0.00	339.63	Well gauged only this quarter.																			
	05/18/11	75.58	0.00	338.21	Well gauged only this quarter.																			
	09/02/11	74.90	0.00	338.89	Well gauged only this quarter.																			
	12/07/11	75.47	0.00	338.32	Well gauged only this quarter.																			
	02/23/12	76.29	0.00	337.50	Well gauged only this quarter.																			
	05/22/12	76.72	0.00	337.07	Well gauged only this quarter.																			
	08/01/12	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/22/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	09/20/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	12/18/14	77.11	0.00	336.68	<100	<100	<500	<300	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	04/29/15	76.89	0.00	336.90	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	76.46	0.00	337.33	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-8D	10/15/15	76.91	0.00	336.88	<250	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--	--	--	--
(Cont.)	09/28/16	75.30	0.00	338.49	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/20/17	73.40	0.00	340.39	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/05/18	74.62	0.00	339.17	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
413.77	12/12/18	75.05	0.00	338.72	<19.6	--	--	--	<0.10	<0.083	0.28J	<0.31	--	2.2J	<2.0	--	--	--	--	--	--	--	--	--
	03/27/19	76.29	0.00	337.48	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/26/19	76.42	0.00	337.35	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/09/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	07/14/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	10/07/21	77.12	0.00	336.65	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/16/21	77.66	0.00	336.11	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/31/22	77.09	0.00	336.68	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/27/22	75.97	0.00	337.80	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	09/20/22	76.12	0.00	337.65	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/14/22	77.01	0.00	336.76	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/16/23	77.22	0.00	336.55	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/20/23	76.76	0.00	337.01	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	09/27/23	76.85	0.00	336.92	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/05/23	77.38	0.00	336.39	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/05/24	77.60	0.00	336.17	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/05/24	76.75	0.00	337.02	Well gauged only this quarter - concentrations historically below cleanup levels.																			
GW-9D[1]	11/11/94	79.83	0.00	19.74	**93,000**	--	--	--	**6,600**	**18,000**	**1,400**	**9,300**	--	<2	--	--	--	--	--	--	--	--	--	--
99.57	02/17/95	79.79	0.00	19.78	**87,000**	--	--	--	**9,100**	**17,000**	**1,330**	**7,900**	--	3	--	--	--	--	--	--	--	--	--	--
	05/16/95	78.99	0.00	20.58	**68,000**	--	--	--	**7,700**	**12,000**	**1,200**	**6,000**	--	3	--	--	--	--	--	--	--	--	--	--
	08/09/95	78.32	0.00	21.25	**88,000**	--	--	--	**12,000**	**18,000**	**1,200**	**7,100**	--	6	--	--	--	--	--	--	--	--	--	--
	11/06/95	78.23	0.00	21.34	**88,000**	--	--	--	**11,000**	**20,000**	**1,300**	**7,900**	--	<2	--	--	--	--	--	--	--	--	--	--
	02/13/96	78.00	0.00	21.57	**69,000**	--	--	--	**11,000**	**16,000**	**1,300**	**6,300**	--	3	--	--	--	--	--	--	--	--	--	--
	02/21/96	77.60	0.00	21.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	76.05	0.00	23.52	**76,000**	--	--	--	**13,000**	**20,000**	**1,500**	**7,500**	--	2	--	--	--	--	--	--	--	--	--	--
	06/06/96	76.01	0.00	23.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	75.91	0.00	23.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/24/96	75.26	0.00	24.31	**34,000**	--	--	--	**4,600**	**6,200**	650	**2,800**	--	6	--	--	--	--	--	--	--	--	--	--
	12/12/96	75.77	0.00	23.80	**100,000**	--	--	--	**11,000**	**18,000**	**1,700**	**8,400**	--	6	--	--	--	--	--	--	--	--	--	--
	03/24/97	74.81	0.00	24.76	**64,000**	--	--	--	**7,400**	**14,000**	**1,400**	**1,200**	--	10	--	--	--	--	--	--	--	--	--	--
	04/11/97	74.32	0.00	25.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	73.05	0.00	26.52	**74,000**	--	--	--	**8,500**	**20,000**	**1,500**	**7,700**	--	8	--	--	--	--	--	--	--	--	--	--
	08/25/97	72.87	0.00	26.70	**47,000**	--	--	--	**4,000**	**11,000**	**940**	**4,600**	--	8	--	--	--	--	--	--	--	--	--	--
	11/19/97[*]	73.61	0.00	25.96	**34,000**	--	--	--	**2,500**	**6,900**	**760**	**3,300**	--	**27**	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	73.75	0.00	25.82	52	--	--	--	2	4	2	7	--	3	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	73.12	0.00	26.45	<50	--	--	--	<0.5	<1	<1	1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/25/98[NP]	72.54	0.00	27.03	**46,000**	--	--	--	**1,800**	**6,700**	150	**11,000**	--	6	--	--	--	--	--	--	--	--	--	--
	11/13/98[NP]	74.80	0.00	24.77	200	--	--	--	**93**	6	6	32	--	2	--	--	--	--	--	--	--	--	--	--
	02/10/99	76.08	0.00	23.49	**3,250**	--	--	--	**647**	215	112	482	--	--	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	68.45	0.00	31.12	**3,000**	--	--	--	**32**	34	10	630	--	9	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	73.61	0.00	25.96	<50	--	--	--	2.9	<1	<1	<1	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	77.38	0.00	22.19	**6,440**	--	--	--	**2,510**	129	625	841	--	7.05	--	--	--	<10.0	--	--	--	--	**25.0**	--
	02/09/00[NP]	75.54	0.00	24.03	320	--	--	--	**34**	<0.5	0.67	0.74	--	<2	--	--	--	--	--	--	--	--	<0.5	--
	05/24/00[NP]	75.90	0.00	23.67	98.0	--	--	--	<1.25	<0.550	<0.500	3.11	--	--	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	09/11/00[NP]	68.40	0.00	31.17	**1,160**	--	--	--	**94.8**	2.53	40.3	134	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00[NP]	76.41	0.00	23.16	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	3.70	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	02/23/01	74.59	0.00	24.98	133	--	--	--	0.721	< 0.500	3.34	3.07	--	10.6	--	--	--	< 1.00	--	--	--	--	< 1.00	< 1.00
	05/16/01	79.10	0.00	20.47	<50.0	--	--	--	3.92	< 0.500	1.18	< 1.00	--	<1.00	--	--	--	< 1.00	--	--	--	--	< 1.00	< 1.00
	08/30/01[NP]	78.85	0.00	20.72	63.4	--	--	--	**52.5**	< 0.500	2.39	<1.00	--	2.03	--	--	--	1.62	--	--	--	--	< 1.00	< 1.00
	11/19/01	79.38	0.00	20.19	<50.0	--	--	--	0.726	<0.500	<0.500	<1.00	--	<1.00	--	--	--	< 1.00	--	--	--	--	< 1.00	< 1.00
	05/04/02	78.05	0.00	21.52	<50.0	--	--	--	0.670	<0.500	<0.500	1.31	--	2.76	--	--	--	--	--	--	--	--	--	--
	11/20/02	77.97	0.00	21.60	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	78.09	0.00	21.48	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	78.36	0.00	21.22	<50.0	--	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	78.40	0.00	21.17	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/10/04 [NP]	78.48	0.00	21.09	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	78.85	0.00	20.72	<100	--	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	05/16/05	79.71	0.00	19.86	<100	--	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	79.94	0.00	19.63	<48	--	--	--	0.6	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	11/22/05	79.37	0.00	20.20	<48	--	--	--	0.6	<0.2	<0.2	<0.6	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	79.12	0.00	20.45	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/31/06	78.42	0.00	21.15	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	77.87	0.00	21.70	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	78.45	0.00	21.12	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	77.88	0.00	21.69	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**52.9**	**49.5**	**--**	**--**	--	--	--	--	--	--	--
	05/22/07	77.00	0.00	22.57	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	76.45	0.00	23.12	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	02/19/08	77.37	0.00	22.20	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	8.8	<6.9	--	--	--	--	--	--	--	--	--
414.53	05/19/08	77.47	0.00	337.06	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/18/08	77.78	0.00	336.75	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/17/08	78.20	0.00	336.33	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	78.50	0.00	336.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/05/09	78.78	0.00	335.75	<50.0	<85	<430	<258	<1.0	1.0	<1.0	5.3	<1.0	1.1	<1.0	--	--	<1.0	<0.010	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	78.65	0.00	335.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/03/09	78.92	0.00	335.61	Well gauged only this quarter.																			
	02/08/10	79.11	0.00	335.42	Well gauged only this quarter.																			
	05/03/10	78.52	0.00	336.01	Well gauged only this quarter.																			
	09/07/10	77.70	0.00	336.83	Well gauged only this quarter.																			
	12/01/10	78.15	0.00	336.38	671	--	--	--	<1.0	<1.0	9.3	47.2	<1.0	1.9	<0.10	--	--	--	--	--	--	--	--	--
	02/10/11	77.80	0.00	336.73	Well gauged only this quarter.																			
	05/18/11	76.37	0.00	338.16	Well gauged only this quarter.																			
	09/02/11	75.65	0.00	338.88	Well gauged only this quarter.																			
	12/07/11	76.18	0.00	338.35	Well gauged only this quarter.																			
	02/23/12	76.92	0.00	337.61	Well gauged only this quarter.																			
	05/22/12	76.04	0.00	338.49	Well gauged only this quarter.																			
	08/01/12	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/22/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	09/20/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	12/18/14	77.82	0.00	336.71	<100	<100	<500	<300	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	04/29/15	77.57	0.00	336.96	272	--	--	--	<1.0	<1.0	<1.0	10.8	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	77.17	0.00	337.36	148	--	--	--	<1.0	<1.0	<1.0	4.9	--	--	--	--	--	--	--	--	--	--	--	--
	10/15/15	78.23	0.00	336.30	<250	--	--	--	<0.5	<0.5	<0.5	2.8	--	--	--	--	--	--	--	--	--	--	--	--
	10/07/16	76.10	0.00	338.43	130	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/20/17	74.09	0.00	340.44	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/05/18	75.37	0.00	339.16	<19.6	--	--	--	<0.10	0.17 J	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	12/12/18	75.75	0.00	338.78	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	03/28/19	76.98	0.00	337.55	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/26/19	77.50	0.00	337.03	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/11/20	Well Decommissioned.																						
GW-10S	12/13/18	22.10	0.00	393.36	<19.6	--	--	--	0.37 J	0.32 J	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
415.46	03/27/19	20.90	0.00	394.56	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/26/19	22.13	0.00	393.33	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/09/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	07/14/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	10/07/21	35.52	0.00	379.94	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/16/21	30.01	0.00	385.45	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/30/22	25.95	0.00	389.51	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/27/22	25.81	0.00	389.65	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	09/20/22	32.54	0.00	382.92	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/14/22	38.59	0.00	376.87	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/16/23	26.70	0.00	388.76	Well gauged only this quarter - concentrations historically below cleanup levels.																			

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-10S	06/20/23	25.38	0.00	390.08	Well gauged only this quarter - concentrations historically below cleanup levels.																			
(Cont.)	09/27/23	35.30	0.00	380.16	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/05/23	31.82	0.00	383.64	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/05/24	24.12	0.00	391.34	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/05/24	24.18	0.00	391.28	Well gauged only this quarter - concentrations historically below cleanup levels.																			
GW-10D[1]	11/11/94	80.74	0.00	19.82	510	--	--	--	**14.4**	39	2	46	--	<2	--	--	--	--	--	--	--	--	--	--
100.56	02/17/95	80.68	0.00	19.88	**1,230**	--	--	--	**19.8**	119	11	129	--	<2	--	--	--	--	--	--	--	--	--	--
	05/16/95	79.89	0.00	20.67	810	--	--	--	**19.2**	94	<1	97	--	<2	--	--	--	--	--	--	--	--	--	--
	08/09/95	79.21	0.00	21.35	120	--	--	--	2.2	6	<1	21	--	2	--	--	--	--	--	--	--	--	--	--
	11/06/95	79.10	0.00	21.46	290	--	--	--	**5.9**	21	<1	46	--	2	--	--	--	--	--	--	--	--	--	--
	02/13/96	78.92	0.00	21.64	**2,600**	--	--	--	**38**	291	10	324	--	<2	--	--	--	--	--	--	--	--	--	--
	02/21/96	78.48	0.00	22.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	77.00	0.00	23.56	**1,260**	--	--	--	**28.9**	121	8	190	--	<2	--	--	--	--	--	--	--	--	--	--
	06/06/96	76.94	0.00	23.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	76.82	0.00	23.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/24/96	76.15	0.00	24.41	<50	--	--	--	0.6	<1	<1	3	--	4	--	--	--	--	--	--	--	--	--	--
	12/12/96	76.63	0.00	23.93	558	--	--	--	4.9	14	5	61	--	<2	--	--	--	--	--	--	--	--	--	--
	03/24/97	75.87	0.00	24.69	**1,200**	--	--	--	2.6	31	23	160	--	8	--	--	--	--	--	--	--	--	--	--
	04/11/97	75.29	0.00	25.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	73.98	0.00	26.58	**3,110**	--	--	--	**15.7**	133	68	434	--	3	--	--	--	--	--	--	--	--	--	--
	08/25/97	73.60	0.00	26.96	<50	--	--	--	<0.5	<1	<1	<1	--	3	--	--	--	--	--	--	--	--	--	--
	11/19/97[*]	74.52	0.00	26.04	<50	--	--	--	<0.5	<1	<1	<1	--	**26**	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	74.61	0.00	25.95	<50	--	--	--	<0.5	<1	<1	<1	--	4	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	73.74	0.00	26.82[b]	<50	--	--	--	<0.5	<1	<1	<1	--	4	--	--	--	--	--	--	--	--	--	--
	08/25/98[NP]	72.90	0.00	27.66[b]	**3,000**	--	--	--	**5.9**	55	15	310	--	2	--	--	--	--	--	--	--	--	--	--
	11/13/98[NP]	75.26	0.00	25.30[b]	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	02/10/99	76.77	0.00	23.79[b]	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	63.60	0.00	36.96[b]	<50	--	--	--	<0.5	<1	<1	<1	--	3	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	74.17	0.00	26.39[b]	<50	--	--	--	<0.5	<1	<1	<1	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	61.05	0.00	39.51	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	76.11	0.00	24.45	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	75.15	0.00	25.41	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--	--
	09/11/00[NP]	36.00	0.00	64.56	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	80.17	0.00	20.39	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	< 1.00	--	--	--	--	--	--	--	--	--	--
	05/16/01	81.63	0.00	18.93	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	--	--	--	--	--	--	--
	08/30/01[NP]	79.60	0.00	20.96	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	1.07	--	--	--	< 1.00	--	--	--	--	< 1.00	< 1.00
	11/19/01	80.85	0.00	19.71	<50.0	--	--	--	<0.500	0.873	<0.500	1.03	--	<1.00	--	--	--	< 1.00	--	--	--	--	< 1.00	< 1.00
	05/04/02	78.81	0.00	21.75	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	1.84	--	--	--	--	--	--	--	--	--	--
	11/20/02	78.60	0.00	21.96	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	78.03	0.00	22.53	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	80.91	0.00	19.65	<50.0	--	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	76.50	0.00	24.06	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	81.65	0.00	18.91	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	79.02	0.00	21.54	<100	--	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	05/16/05	81.41	0.00	19.15	<100	--	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	81.98	0.00	18.58	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	11/22/05	80.31	0.00	20.25	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	80.03	0.00	20.53	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/30/06	79.46	0.00	21.10	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	78.70	0.00	21.86	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	79.35	0.00	21.21	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	78.70	0.00	21.86	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	55.8	53.3	--	--	--	--	--	--	--	--	--
	05/22/07	77.82	0.00	22.74	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	77.15	0.00	23.41	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	77.00	0.00	23.56	67	--	--	--	<0.5	2	<0.8	3	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/19/08	78.12	0.00	22.44	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	11.4	<6.9	--	--	--	--	--	--	--	--	--
415.30	05/19/08	78.25	0.00	337.05	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/18/08	78.53	0.00	336.77	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/17/08	78.95	0.00	336.35	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	79.25	0.00	336.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/04/09	79.29	0.00	336.01	<50.0	<83	<420	<252	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	<1.0	<0.010	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	79.39	0.00	335.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/03/09	79.60	0.00	335.70	Well gauged only this quarter.																			
	02/08/10	79.92	0.00	335.38	Well gauged only this quarter.																			
	05/03/10	79.29	0.00	336.01	Well gauged only this quarter.																			
	09/07/10	78.40	0.00	336.90	Well gauged only this quarter.																			
	12/01/10	78.95	0.00	336.35	Well gauged only this quarter.																			
	02/10/11	76.95	0.00	338.35	Well gauged only this quarter.																			
	05/18/11	77.20	0.00	338.10	Well gauged only this quarter.																			
	09/02/11	76.35	0.00	338.95	Well gauged only this quarter.																			
	12/07/11	76.87	0.00	338.43	Well gauged only this quarter.																			
	02/23/12	77.78	0.00	337.52	Well gauged only this quarter.																			
	05/22/12	77.52	0.00	337.78	Well gauged only this quarter.																			
	08/01/12	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/22/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	09/20/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	12/19/14	78.62	0.00	336.68	<100	**560**	**<500**	**810**	0.51	<0.50	<0.50	1.0	--	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	04/29/15	78.41	0.00	336.89	<100	<92	<230	<161	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	77.93	0.00	337.37	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	10/15/15	78.35	0.00	336.95	<250	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--	--	--	--
	09/27/16	76.80	0.00	338.50	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/19/17	74.79	0.00	340.51	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/04/18	76.06	0.00	339.24	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
415.30	12/13/18	76.60	0.00	338.70	<19.6	--	--	--	1.5	0.90 J	0.18 J	<0.31	--	2.9J	<2.0	--	--	--	--	--	--	--	--	--
	03/27/19	77.75	0.00	337.55	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/26/19	77.90	0.00	337.40	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	09/12/19	78.60	0.00	336.70	<38.3	<75.3	205J	243	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	12/12/19	79.00	0.00	336.30	<38.3	<67.7	<79.9	<74	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	03/11/20	79.54	0.00	335.76	<38.3	<69.1	<81.6	<75	<0.12	<0.12	<0.075	<0.29	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	03/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/09/21	79.25	0.00	336.05	45.7J	--	--	--	0.0773J	<0.278	0.157J	0.238J	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/15/21	78.40	0.00	336.90	<31.6	--	--	--	<0.0941	0.477J	1.67	10.7	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	10/08/21	78.58	0.00	336.72	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	12/17/21	79.52	0.00	335.78	<42.8	--	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	03/30/22	78.78	0.00	336.52	<22.2	--	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/27/22	75.46	0.00	339.84	<31.6	--	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	0.50J	--	--	--	--	--	--	--	--
	09/21/22	77.51	0.00	337.79	40.6J	--	--	--	<0.10	0.14J	0.14J	0.52J	--	<2.6	<2.6	0.54J	--	--	--	--	--	--	--	--
	12/16/22	78.49	0.00	336.81	<22.6	--	--	--	<0.10	0.12J	<0.11	<0.20	--	<2.6	<2.6	0.37J	<0.011	--	--	--	--	--	--	--
	03/17/23	78.74	0.00	336.56	<22.6	--	--	--	<0.10	0.11J	<0.11	0.25J	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/20/23	78.26	0.00	337.04	<22.6	--	--	--	<0.10	<0.10	0.13J	<0.20	--	2.9J	<2.6	<0.23	**<1.5**	--	--	--	--	--	--	--
	09/27/23	78.34	0.00	336.96	Well gauged only this quarter.																			
	12/05/23	78.86	0.00	336.44	<24.0	--	--	--	<0.21	0.24J	<0.11	<0.42	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	03/05/24	79.15	0.00	336.15	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<3.3	<3.3	--	--	--	--	--	--	--	--	--
	6/5/2024	78.29	0.00	337.01	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.9	<2.9	--	--	--	--	--	--	--	--	--
GW-11D[1]	11/11/94	79.83	0.00	19.89	<50	--	--	--	<0.5	<1	<1	<1	--	2	--	--	--	--	--	--	--	--	--	--
99.72	02/17/95	79.81	0.00	19.91	<50	--	--	--	<0.5	<1	<1	<1	--	5	--	--	--	--	--	--	--	--	--	--
	05/16/95	79.01	0.00	20.71	<50	--	--	--	1.5	<1	<1	<1	--	8	--	--	--	--	--	--	--	--	--	--
	08/09/95	78.35	0.00	21.37	<50	--	--	--	2.5	<1	<1	<1	--	4	--	--	--	--	--	--	--	--	--	--
	11/06/95	78.20	0.00	21.52	<50	--	--	--	0.7	<1	<1	<1	--	2	--	--	--	--	--	--	--	--	--	--
	02/13/96	78.02	0.00	21.70	<50	--	--	--	<0.5	<1	<1	<1	--	2	--	--	--	--	--	--	--	--	--	--
	02/21/96	77.55	0.00	22.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	76.09	0.00	23.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/06/96	76.03	0.00	23.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	75.92	0.00	23.80	<50	--	--	--	<0.5	<1	<1	<1	--	6	--	--	--	--	--	--	--	--	--	--
	09/24/96	75.28	0.00	24.44	<50	--	--	--	<0.5	<1	<1	1	--	**25**	--	--	--	--	--	--	--	--	--	--
	12/12/96	75.80	0.00	23.92	<50	--	--	--	<0.5	<1	<1	<1	--	11	--	--	--	--	--	--	--	--	--	--
	03/24/97	74.69	0.00	25.03	<50	--	--	--	<0.5	<1	<1	<1	--	**29**	--	--	--	--	--	--	--	--	--	--

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-11D	04/11/97	74.34	0.00	25.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
(Cont.)	06/18/97	73.11	0.00	26.61	<50	--	--	--	<0.5	<1	<1	<1	--	**19**	--	--	--	--	--	--	--	--	--	--
	08/25/97	73.00	0.00	26.72	<50	--	--	--	<0.5	<1	<1	<1	--	**19**	--	--	--	--	--	--	--	--	--	--
	11/19/97*	73.61	0.00	26.11	<50	--	--	--	<0.5	<1	<1	<1	--	**23**	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	73.78	0.00	25.94	<50	--	--	--	<0.5	<1	<1	<1	--	9	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	73.17	0.00	26.55	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/25/98	70.10	0.00	29.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/13/98	73.65	0.00	26.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/10/99	76.10	0.00	23.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	64.90	0.00	34.82	<50	--	--	--	<0.5	<1	<1	<1	--	**98**	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	73.88	0.00	25.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	77.08	0.00	22.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	75.61	0.00	24.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	75.55	0.00	24.17	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--	--
	09/11/00	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/16/01[NP]	80.33	0.00	19.39	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	--	--	--	--	--	--	--
	08/30/01	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	80.66	0.00	19.06	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	05/04/02	78.07	0.00	21.65	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	2.18	--	--	--	--	--	--	--	--	--	--
	11/20/02	78.44	0.00	21.28	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	1.54	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	78.07	0.00	21.65	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	1.21	<1.00	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	78.68	0.00	21.05	<50.0	--	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	78.57	0.00	21.15	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	79.91	0.00	19.81	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	79.61	0.00	20.11	<100	--	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	--	--	--	--	--	--	--	--	--	--
	05/16/05	79.75	0.00	19.97	<100	--	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	80.32	0.00	19.40	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	11/22/05	79.58	0.00	20.14	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	79.24	0.00	20.48	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/30/06	78.62	0.00	21.10	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	78.00	0.00	21.72	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	78.54	0.00	21.18	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	77.95	0.00	21.77	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	76.7	65.5	--	--	--	--	--	--	--	--	--
	05/22/07	77.05	0.00	22.67	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
GW-11D DUP	05/22/07	77.05	0.00	22.67	--	--	--	--	--	--	--	--	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	76.39	0.00	23.33	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	77.22	0.00	22.50	91	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/19/08	77.35	0.00	22.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
414.58	05/19/08	77.48	0.00	337.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/18/08	77.68	0.00	336.90	Well not sampled due to obstruction.																			
	11/17/08	78.19	0.00	336.39	Well not sampled due to obstruction.																			
	02/04/09	78.45	0.00	336.13	Well not sampled due to obstruction.																			
	05/04/09	78.54	0.00	336.04	Well not sampled due to obstruction.																			
	08/03/09	78.60	0.00	335.98	Well not sampled due to obstruction.																			
	11/03/09	78.91	0.00	335.67	Well not sampled due to obstruction.																			
	02/08/10	79.15	0.00	335.43	Well not sampled due to obstruction.																			
	05/03/10	78.52	0.00	336.06	Well gauged only this quarter.																			
	09/07/10	77.65	0.00	336.93	Well gauged only this quarter.																			
	12/01/10	78.18	0.00	336.40	Well gauged only this quarter.																			
	02/10/11	75.79	0.00	338.79	Well gauged only this quarter.																			
	05/18/11	76.45	0.00	338.13	Well gauged only this quarter.																			
	09/02/11	75.52	0.00	339.06	Well gauged only this quarter.																			
	12/07/11	76.16	0.00	338.42	<50	--	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	7.9	0.15	--	--	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	02/23/12	77.00	0.00	337.58	Well gauged only this quarter.																			
	05/22/12	76.72	0.00	337.86	Well gauged only this quarter.																			
	08/01/12	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/22/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	09/20/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	12/19/14	77.83	0.00	336.75	<100	110	<500	360	1.3	<0.50	0.92	2.3	--	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	04/29/15	77.64	0.00	336.94	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	77.14	0.00	337.44	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--	--
	10/15/15	77.56	0.00	337.02	<250	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--	--	--	--
	09/27/16	75.90	0.00	338.68	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/19/17	74.00	0.00	340.58	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	14.3	<10.0	--	--	--	--	--	--	--	--	--
	09/04/18	75.28	0.00	339.30	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	2.1J	<2.0	--	--	--	--	--	--	--	--	--
	12/11/18	75.85	0.00	338.73	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	3.0J	<2.0	--	--	--	--	--	--	--	--	--
	03/26/19	76.98	0.00	337.60	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--							
	06/25/19	77.10	0.00	337.48	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--							
	07/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/09/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	07/14/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	10/07/21	77.79	0.00	336.79	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/16/21	78.39	0.00	336.19	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/31/22	77.84	0.00	336.74	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/27/22	76.73	0.00	337.85	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	09/20/22	76.77	0.00	337.81	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/14/22	77.69	0.00	336.89	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/16/23	77.94	0.00	336.64	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/20/23	77.46	0.00	337.12	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	09/27/23	77.57	0.00	337.01	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/05/23	78.07	0.00	336.51	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/05/24	78.31	0.00	336.27	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/05/24	77.52	0.00	337.06	Well gauged only this quarter - concentrations historically below cleanup levels.																			
GW-12D[1]	04/20/95	NM	0.00	NE	<50	--	--	--	0.6	<1	<1	<1	--	3	--	--	--	--	--	--	--	--	--	--
91.32	05/16/95	67.52	0.00	23.80	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/09/95	67.18	0.00	24.14	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	11/06/95	67.51	0.00	23.81	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	02/13/96	67.35	0.00	23.97	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	02/21/96	66.98	0.00	24.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	65.17	0.00	26.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/06/96	65.09	0.00	26.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	65.05	0.00	26.27	<50	--	--	--	<0.5	<1	<1	<1	--	**23**	--	--	--	--	--	--	--	--	--	--
	09/24/96	65.35	0.00	25.97	<50	--	--	--	<0.5	<1	<1	<1	--	7	--	--	--	--	--	--	--	--	--	--
	12/12/96	64.97	0.00	26.35	<50	--	--	--	<0.5	<1	<1	<1	--	**17**	--	--	--	--	--	--	--	--	--	--
	03/24/97	63.86	0.00	27.46	<50	--	--	--	<0.5	<1	<1	<1	--	7	--	--	--	--	--	--	--	--	--	--
	04/11/97	63.03	0.00	28.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	62.12	0.00	29.20	<50	--	--	--	<0.5	<1	<1	<1	--	11	--	--	--	--	--	--	--	--	--	--
	08/25/97	62.24	0.00	29.08	<50	--	--	--	<0.5	<1	<1	<1	--	11	--	--	--	--	--	--	--	--	--	--
	11/19/97	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	62.50	0.00	28.82	<50	--	--	--	<0.5	<1	<1	1	--	10	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	62.10	0.00	29.22	<50	--	--	--	<0.5	<1	<1	1	--	6	--	--	--	--	--	--	--	--	--	--
	08/25/98	63.19	0.00	28.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/13/98	64.60	0.00	26.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/10/99	65.13	0.00	26.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	61.84	0.00	29.48	<50	--	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	62.92	0.00	28.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	64.40	0.00	26.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	64.98	0.00	26.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	63.14	0.00	28.18	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	09/11/00	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/16/01[NP]	66.70	0.00	24.62	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	4.41	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	08/30/01	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	67.40	0.00	23.92	<50.0	--	--	--	<0.500	<0.500	<0.500	1.01	--	9.34	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	05/04/02	66.32	0.00	25.00	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	5.87	--	--	--	--	--	--	--	--	--	--

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-12D	11/20/02	66.52	0.00	24.80	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	1.47	<1.00	--	--	--	--	--	--	--	--	--
(Cont.)	05/21/03[NP]	66.65	0.00	24.67	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	1.96	<1.00	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	64.91	0.00	26.42	<50.0	--	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	64.80	0.00	26.52	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/10/04 [NP]	67.05	0.00	24.27	<100	--	--	--	<1.00	<1.00	<1.00	<3.00	--	**15.5**	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	67.31	0.00	24.01	<100	--	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	05/16/05	67.05	0.00	24.27	<100	--	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	66.87	0.00	24.45	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	11/22/05	67.43	0.00	23.89	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	66.90	0.00	24.42	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/31/06	66.35	0.00	24.97	<48	--	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	66.07	0.00	25.25	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	78.00	0.00	13.32	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	65.91	0.00	25.41	<48	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	76.5	65.4	--	--	--	--	--	--	--	--	--
	05/22/07	66.08	0.00	25.24	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	12	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	64.97	0.00	26.35	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	69.95	0.00	21.37	<50	--	--	--	<0.5	0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/19/08	65.58	0.00	25.74	<50	--	--	--	<0.5	0.7	<0.8	<0.8	<0.5	**19**	<6.9	--	--	--	--	--	--	--	--	--
406.56	05/19/08	65.45	0.00	341.11	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/18/08	65.88	0.00	340.68	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/17/08	66.40	0.00	340.16	<50	--	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	NM	0.00	NE	Well inaccessible - unable to locate.																			
	05/05/09	67.12	0.00	339.44	<50.0	<83	<420	<252	<1.0	<1.0	<1.0	2.4	<1.0	3.7	<1.0	--	--	<1.0	<0.010	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	64.60	0.00	341.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/03/09	66.80	0.00	339.76	Well gauged only this quarter.																			
	02/08/10	66.85	0.00	339.71	Well gauged only this quarter.																			
	05/03/10	65.81	0.00	340.75	Well gauged only this quarter.																			
	09/07/10	65.45	0.00	341.11	Well gauged only this quarter.																			
	12/01/10	66.03	0.00	340.53	<50.0	--	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	8.3	0.50	--	--	--	--	--	--	--	--	--
	02/10/11	65.39	0.00	341.17	Well gauged only this quarter.																			
	05/18/11	64.83	0.00	341.73	Well gauged only this quarter.																			
	09/02/11	64.90	0.00	341.66	Well gauged only this quarter.																			
	12/07/11	65.43	0.00	341.13	Well gauged only this quarter.																			
	02/23/12	66.18	0.00	340.38	Well gauged only this quarter.																			
	05/22/12	63.55	0.00	343.01	Well gauged only this quarter.																			
	08/01/12	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/22/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	09/20/13	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	12/18/14	64.45	0.00	342.11	<100	<100	<500	<300	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	04/29/15	63.40	0.00	343.16	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	63.75	0.00	342.81	<100	--	--	--	<1.0	<1.0	1.5	<3.0	--	--	--	--	--	--	--	--	--	--	--	--
	10/15/15	65.62	0.00	340.94	Well gauged only this quarter.																			
	10/07/16	64.50	0.00	342.06	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/19/17	62.35	0.00	344.21	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/05/18	63.65	0.00	342.91	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	12/12/18	64.28	0.00	342.28	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	2.8J	<2.0	--	--	--	--	--	--	--	--	--
	03/28/19	64.94	0.00	341.62	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/26/19	64.90	0.00	341.66	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	3.6J	<2.0	--	--	--	--	--	--	--	--	--
	07/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/09/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	07/14/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	10/07/21	65.37	0.00	341.19	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/16/21	65.96	0.00	340.60	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/31/22	64.92	0.00	341.64	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/27/22	NM	0.00	NE	Well not monitored or sampled this quarter																			
GW-13S	12/13/18	38.85	0.00	374.28	**9,380**	--	--	--	**41.3**	14	230.0	882	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
413.13	03/28/19	32.70	0.00	380.43	**2,780**	--	--	--	**12.3**	4.1	69.5	194	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/28/19	34.46	0.00	378.67	712	--	--	--	0.55J	0.20J	8.3	46.5	--	3.8J	<2.0	--	--	--	--	--	--	--	--	--
	09/12/19	38.25	0.00	374.88	**5,740**	--	--	--	**6.9**	1.8	99.1	190	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	12/11/19	40.00	0.00	375.30	**6,150**	--	--	--	**34.2**	9.9	144	257	--	2.3J	--	--	--	--	--	--	--	--	--	--
	03/11/20	31.75	0.00	381.38	**3,300**	--	--	--	**11.8**	4.7	61.9	186		<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/31/20	32.90	0.00	380.23	744	--	--	--	**8.5**	3.4	40.0	28.0	--	<2.0	2.2J	--	--	--	--	--	--	--	--	--
	03/09/21	27.35	0.00	385.78	**2,410**	--	--	--	3.78	1.86	30.3	107.0	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/14/21	32.42	0.00	380.71	**5,810**	--	--	--	**10.4**	5.90	90.1	220	--	3.8J	<2.6	--	--	--	--	--	--	--	--	--
	10/08/21	38.16	0.00	374.97	**3,650**	--	--	--	**1.48**	17.2	41.9	177	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	12/16/21	37.96	0.00	375.17	**1,630**	--	--	--	0.83J	0.32J	9.7	26.9	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	03/30/22	28.37	0.00	384.76	**2,100**	--	--	--	2.8	2.3	26.5	57.1	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/27/22	28.89	0.00	384.24	**2,710**	--	--	--	**7.5**	6.2	61.8	95.2	--	<2.6	<2.6	0.33J	--	--	--	--	--	--	--	--
	09/21/22	33.48	0.00	379.65	**2,210**	--	--	--	**6.3**	3.6	45.7	88.4	--	<2.6	<2.6	<0.23	--	--	--	--	--	--	--	--
	12/14/22	36.21	0.00	376.92	**1,370**	--	--	--	4.4	2.5	38.7	58.2	--	<2.6	<2.6	<0.23	<0.011	--	--	--	--	--	--	--
	03/16/23	30.05	0.00	383.08	**1,260**	--	--	--	1.4	2.3	15.8	40.1	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/21/23	29.79	0.00	383.34	**1,860**	--	--	--	2.3	2.3	28.7	57.8	--	<2.6	<2.6	<0.23	**<1.6**	--	--	--	--	--	--	--
	09/27/23	33.86	0.00	379.27	**1,760**	--	--	--	3.6	3.3	37.2	49.2	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	12/05/23	33.77	0.00	379.36	**1,510**	--	--	--	2.6	2.5	37.8	44.7	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	03/06/24	25.65	0.00	387.48	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<3.3	<3.3	--	--	--	--	--	--	--	--	--
	06/05/24	27.93	0.00	385.20	**1,010**	--	--	--	1.6	1.7	20.9	30.4	--	<2.9	<2.9	--	--	--	--	--	--	--	--	--
GW-13D	12/13/18	74.30	0.00	338.64	<19.6	--	--	--	0.98 J	0.74 J	0.15 J	<0.31	--	10.00	<2.0	--	--	--	--	--	--	--	--	--
412.94	03/26/19	75.34	0.00	337.60	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/27/19	75.50	0.00	337.44	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	2.5J	<2.0	--	--	--	--	--	--	--	--	--
	09/12/19	76.17	0.00	336.77	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	4.2J	<2.0	--	--	--	--	--	--	--	--	--
	12/11/19	76.65	0.00	338.65	66.9J	--	--	--	<0.10	<0.083	<0.14	<0.31	--	5.0J	<2.0	--	--	--	--	--	--	--	--	--
	03/11/20	77.10	0.00	335.84	<38.3	--	--	--	<0.12	<0.12	<0.075	<0.29	--	4.4J	<2.0	--	--	--	--	--	--	--	--	--
	07/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/09/21	76.90	0.00	336.04	<42.8	--	--	--	<0.0941	<0.278	<0.137	<0.174	--	7.4J	<2.0	--	--	--	--	--	--	--	--	--
	07/14/21	76.00	0.00	336.94	<31.6	--	--	--	<0.0941	<0.278	0.162J	0.401J	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	10/08/21	76.15	0.00	336.79	902	--	--	--	<1.00	1.58	5.03	25.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	12/16/21	76.78	0.00	336.16	<42.8	--	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	03/30/22	76.35	0.00	336.59	<22.2	--	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/27/22	75.08	0.00	337.86	<31.6	--	--	--	<0.10	<0.10	<0.11	<0.20	--	4.5J	5.3J	<0.23	--	--	--	--	--	--	--	--
	09/21/22	75.27	0.00	337.67	147	--	--	--	<0.10	0.13J	0.26J	0.88J	--	<2.6	<2.6	<0.23	--	--	--	--	--	--	--	--
	12/14/22	76.10	0.00	336.84	<22.6	--	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	<0.23	<0.012	--	--	--	--	--	--	--
	03/16/23	76.32	0.00	336.62	62.6J	--	--	--	<0.10	1.4	1.1	4.3	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/21/23	75.85	0.00	337.09	<22.6	--	--	--	0.13J	0.12J	0.14J	0.34J	--	4.4J	<2.6	<0.23	**<1.6**	--	--	--	--	--	--	--
	09/27/23	75.95	0.00	336.99	<24.0	--	--	--	<0.21	0.33J	0.15J	<0.42	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	12/05/23	76.44	0.00	336.50	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	3.5J	<2.6	--	--	--	--	--	--	--	--	--
	03/06/24	76.69	0.00	336.25	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<3.3	<3.3	--	--	--	--	--	--	--	--	--
	06/05/24	75.91	0.00	337.03	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.9	<2.9	--	--	--	--	--	--	--	--	--
GW-14S	12/11/18	41.05	0.00	372.73	**113,000**	--	--	--	**13.8**	**6,440**	**2,790**	**17,600**	--	5.0 J	3.0 J	--	--	--	--	--	--	--	--	--
413.78	03/28/19	38.82	0.00	374.96	**53,300**	--	--	--	**9.7J**	**3,470**	**1,870**	**9,300**	--	<2.0	2.2J	--	--	--	--	--	--	--	--	--
	06/28/19	40.30	0.00	373.48	**96,200**	--	--	--	**21.6**	**5,350**	**2,610**	**13,300**	--	4.2J	<2.0	--	--	--	--	--	--	--	--	--
	09/12/19	44.73	0.00	369.05	**93,400**	--	--	--	**356**	**3,660**	**2,840**	**13,700**	--	11.1	<2.0	--	--	--	--	--	--	--	--	--
	12/12/19	45.00	0.00	370.30	**114,000**	--	--	--	**693**	**3,900**	**2,430**	**11,400**	--	2.5J	2.2J	--	--	--	--	--	--	--	--	--
	03/12/20	38.18	0.00	375.60	**35,800**	--	--	--	4.5J	**1,030**	499	**2,360**	--	3.2J	<2.0	--	--	--	--	--	--	--	--	--
	07/31/20	37.35	0.00	376.43	**357,000**	--	--	--	**8.3J**	814	**1,030**	**3,960**		8.8J	<2.0	--	--	--	--	--	--	--	--	--
	03/09/21	36.00	0.00	377.78	**23,200**	--	--	--	**10.6**	107	75.4	334	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/14/21	40.09	0.00	373.69	**50,900**	--	--	--	**48.7J**	**4,350**	**1,740**	**9,000**	--	3.3J	2.9J	--	--	--	--	--	--	--	--	--
	10/08/21	44.81	0.00	368.97	**51,800**	--	--	--	**290**	**2,310**	**1,810**	**8,560**	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	12/17/21	42.92	0.00	370.86	**65,900**	--	--	--	**26.1J**	**1,720**	**2,060**	**9,870**	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	03/31/22	36.84	0.00	376.94	**19,400**	--	--	--	**10.4**	514	575	**2,350**	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/29/22	35.68	0.00	378.10	**21,800**	--	--	--	**18.4**	715	**1,040**	**3,930**	--	<2.6	<2.6	**2.5J**	--	--	--	--	--	--	--	--
	09/20/22	41.06	0.00	372.72	**49,800**	--	--	--	**96.3**	**2,520**	**2,060**	**9,160**	--	<2.6	3.6J	**<5.8**	--	--	--	--	--	--	--	--
	12/16/22	44.52	0.00	369.26	**37,100**	--	--	--	**336**	813	**1,600**	**6,070**	--	3.1J	<2.6	**<5.8**	**1.1**	--	--	--	--	--	--	--
	03/16/23	38.68	0.00	375.10	**14,800**	--	--	--	**21.9**	665	**722**	**2,720**	--	3.3J	<2.6	--	--	--	--	--	--	--	--	--
	06/20/23	37.05	0.00	376.73	**21,800**	--	--	--	**35.6**	652	**876**	**3,290**	--	<2.6	<2.6	**<5.8**	**<1.4**	--	--	--	--	--	--	--
	09/28/23	41.77	0.00	372.01	**36,900**	--	--	--	**167**	**1,750**	**1,640**	**7,230**	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	12/06/23	42.01	0.00	371.77	**44,700**	--	--	--	**199**	**2,340**	**1,580**	**7,020**	--	2.9J	2.8J	--	--	--	--	--	--	--	--	--
	03/06/24	33.08	0.00	380.70	**5,950**	--	--	--	0.72J	4.0	62.3	174	--	7.4J	<3.3	--	--	--	--	--	--	--	--	--
	06/06/24	33.86	0.00	379.92	**28,700**	--	--	--	**46.7**	302	**897**	**3,030**	--	3.2J	<2.9	--	--	--	--	--	--	--	--	--

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-14D	12/13/18	75.00	0.00	338.72	<19.6	--	--	--	**12**	0.40 J	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
413.72	03/30/19	76.12	0.00	337.60	502	--	--	--	**580**	1.5	34.4	3.5	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/28/19	76.32	0.00	337.40	604	--	--	--	**956**	7.5	60.0	19.2	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	09/12/19	76.82	0.00	336.90	402	--	--	--	**671**	3.0 J	23.1	<1.5	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	12/12/19	77.30	0.00	338.00	39.9J	--	--	--	1.5	0.16J	0.15J	<0.31	--	4.4J	<2.0	--	--	--	--	--	--	--	--	--
	03/12/20	77.90	0.00	335.82	Well gauged only this quarter.																			
	07/31/20	73.60	0.00	340.12	908	--	--	--	**509**	0.38J	1.6	<0.29	--	2.6J	2.5J	--	--	--	--	--	--	--	--	--
	03/09/21	73.20	0.00	340.52	337	--	--	--	**665**	<5.56	7.86J	<3.48	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/15/21	76.71	0.00	337.01	**1,720**	--	--	--	**636**	<5.56	4.86J	5.72J	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	10/08/21	76.93	0.00	336.79	**3,300**	--	--	--	**<1.00**	36.9	49.9	247	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	12/17/21	77.63	0.00	336.09	Well gauged only this quarter.																			
	03/31/22	76.96	0.00	336.76	186	--	--	--	**327**	0.25J	8.8	0.36J	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/29/22	75.85	0.00	337.87	**1,470**	--	--	--	**598**	1.2J	21.1	8.8J	--	<2.6	2.7J	<1.2	--	--	--	--	--	--	--	--
	09/20/22	74.99	0.00	338.73	**2,310**	--	--	--	**147**	32.3	54.4	257	--	<2.6	<2.6	0.28J	--	--	--	--	--	--	--	--
	12/16/22	76.83	0.00	336.89	79.1J	--	--	--	**53.4**	0.19J	0.15J	0.26J	--	6.0J	<2.6	<0.23	<0.013	--	--	--	--	--	--	--
	03/16/23	77.02	0.00	336.70	Well not sampled sue to insufficient water.																			
	06/20/23	76.58	0.00	337.14	**935**	--	--	--	**447**	<0.10	0.80J	<0.20	--	4.0J	<2.6	<0.23	**<1.5**	--	--	--	--	--	--	--
	09/28/23	76.72	0.00	337.00	**877**	--	--	--	**406**	<1.0	0.98J	<2.1	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	12/06/23	77.21	0.00	336.51	Well not sampled due to insufficient water.																			
	03/05/24	77.39	0.00	336.33	Well not sampled due to insufficient water.																			
	06/06/24	75.44	0.00	338.28	231	--	--	--	**79.3**	<0.21	0.25J	<0.42	--	<2.9	<2.9	--	--	--	--	--	--	--	--	--
GW-14V	06/30/22	128.63	0.00	285.15	<31.6	--	--	--	<0.10	0.12J	<0.11	<0.20	--	<2.6	<2.6	<0.23	--	--	--	--	--	--	--	--
413.78	09/21/22	128.59	0.00	285.19	280	--	--	--	<0.10	0.24J	2.6	12.7	--	2.7J	<2.6	<0.23	--	--	--	--	--	--	--	--
	12/16/22	129.23	0.00	284.55	<22.6	--	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	<0.23	<0.011	--	--	--	--	--	--	--
	04/11/23	Well Decommissioned.																						
GW-15S	12/11/18	39.30	0.00	374.76	Well not sampled due to insufficient water.																			
414.06	03/30/19	32.69	0.00	381.37	398	--	--	--	1.0J	0.23J	10.8	26.6	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/25/19	34.67	0.00	379.39	**2,670**	--	--	--	**7.4**	6.9	52.5	281	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	09/12/19	38.63	0.00	375.43	**987**	--	--	--	0.50 J	0.81 J	9.8	30.4	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	12/11/19	40.42	0.00	374.88	470	--	--	--	0.65J	1.1	12.0	17.6	--	<2.0	--	--	--	--	--	--	--	--	--	--
	03/12/20	32.49	0.00	381.57	547	--	--	--	2.0	1.4	4.2	28.2	--	2.3J	<2.0	--	--	--	--	--	--	--	--	--
	07/31/20	33.00	0.00	381.06	392	--	--	--	2.5	2.7	17.7	30.4	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	03/09/21	27.14	0.00	386.92	<42.8	--	--	--	0.141J	<0.278	<0.137	<0.174	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/14/21	33.43	0.00	380.63	**1,390**	--	--	--	2.47	5.96	37.1	124	--	2.7J	<2.6	--	--	--	--	--	--	--	--	--
	10/07/21	38.16	0.00	375.90	**1,940**	--	--	--	<1.00	<1.00	25.7	30.6	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	12/16/21	38.47	0.00	375.59	**2,220**	--	--	--	1.4	2.1	14.4	41.4	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	03/30/22	28.34	0.00	385.72	<22.2	--	--	--	<0.10	<0.10	<0.11	0.41J	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/28/22	29.11	0.00	384.95	<31.6	--	--	--	0.10J	<0.10	0.11J	<0.20	--	<2.6	<2.6	<0.23	--	--	--	--	--	--	--	--
	09/20/22	33.23	0.00	380.83	740	--	--	--	1.5	3.0	23.2	69.7	--	<2.6	<2.6	<0.23	--	--	--	--	--	--	--	--
	12/14/22	36.34	0.00	377.72	247	--	--	--	0.44J	0.43J	16.6	3.4	--	<2.6	<2.6	<0.23	<0.11	--	--	--	--	--	--	--
	03/17/23	30.00	0.00	384.06	<22.6	--	--	--	0.27J	<0.10	<0.11	0.20J	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/21/23	29.57	0.00	384.49	<22.6	--	--	--	<0.10	<0.10	0.12J	<0.20	--	<2.6	<2.6	<0.23	**<1.5**	--	--	--	--	--	--	--
	09/27/23	33.59	0.00	380.47	111	--	--	--	0.95J	0.97J	8.1	17.1	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	12/06/23	33.69	0.00	380.37	93.7J	--	--	--	0.58J	0.53J	1.1	8.8	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	03/06/24	25.42	0.00	388.64	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<3.3	<3.3	--	--	--	--	--	--	--	--	--
	06/06/24	27.72	0.00	386.34	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.9	<2.9	--	--	--	--	--	--	--	--	--
GW-15D	12/13/18	56.00	0.00	358.01	<19.6	--	--	--	1.0	0.66 J	0.27 J	<0.31	--	8.1 J	<2.0	--	--	--	--	--	--	--	--	--
414.01	03/26/19	52.60	0.00	361.41	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/25/19	52.40	0.00	361.61	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	09/12/19	54.60	0.00	359.41	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	12/11/19	57.35	0.00	357.95	61.8J	--	--	--	<0.10	0.16J	0.28J	<0.31	--	2.4J	--	--	--	--	--	--	--	--	--	--
	03/12/20	53.98	0.00	360.08	<38.3	--	--	--	<0.12	<0.12	<0.075	<0.29	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/09/21	49.70	0.00	364.31	<42.8	--	--	--	<0.0941	<0.278	<0.137	<0.174	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/14/21	51.03	0.00	362.98	<31.6	--	--	--	<0.0941	<0.278	0.206J	0.621J	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	10/07/21	54.38	0.00	359.63	163	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	12/16/21	55.42	0.00	358.59	<42.8	--	--	--	<0.10	<0.10	0.24J	0.26J	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	03/30/22	49.06	0.00	364.95	<22.2	--	--	--	<0.10	<0.10	<0.11	0.33J	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/28/22	49.14	0.00	364.87	<31.6	--	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	<0.23	--	--	--	--	--	--	--	--
	09/20/22	51.37	0.00	362.64	47.1J	--	--	--	<0.10	<0.10	0.16J	0.56J	--	<2.6	<2.6	<0.23	--	--	--	--	--	--	--	--
	12/14/22	54.38	0.00	359.63	<22.6	--	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	<0.23	<0.011	--	--	--	--	--	--	--
	03/17/23	51.14	0.00	362.87	<22.6	--	--	--	0.53J	<0.10	<0.11	0.26J	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	06/21/23	49.60	0.00	364.41	<22.6	--	--	--	0.14J	<0.10	<0.11	0.20J	--	<2.6	<2.6	<0.23	**<1.5**	--	--	--	--	--	--	--
	09/27/23	52.33	0.00	361.68	<24.0	--	--	--	<0.21	<0.21	0.12J	<0.42	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	12/06/23	53.79	0.00	360.22	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	03/06/24	47.54	0.00	366.47	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<3.3	<3.3	--	--	--	--	--	--	--	--	--
	06/06/24	48.22	0.00	365.79	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.9	<2.9	--	--	--	--	--	--	--	--	--
GW-16S	12/11/18	48.50	0.00	366.94	Well not sampled due to insufficient water.																			
415.44	03/30/19	42.69	0.00	372.75	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/27/19	43.56	0.00	371.88	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/09/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	07/14/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	10/07/21	45.99	0.00	369.45	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/16/21	49.65	0.00	365.79	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/31/22	36.60	0.00	378.84	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/27/22	38.21	0.00	377.23	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	09/20/22	42.79	0.00	372.65	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/14/22	46.57	0.00	368.87	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/16/23	41.18	0.00	374.26	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/20/23	39.80	0.00	375.64	31.0J	--	--	--	0.29J	0.48J	0.89J	2.7J	--	<2.6	<2.6	<0.23	**<1.5**	--	--	--	--	--	--	--
	09/28/23	44.65	0.00	370.79	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	12/05/23	46.74	0.00	368.70	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/05/24	34.55	0.00	380.89	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/05/24	37.06	0.00	378.38	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.9	<2.9	--	--	--	--	--	--	--	--	--
GW-16D	12/13/18	76.55	0.00	338.69	<19.6	--	--	--	0.59 J	0.44 J	0.17 J	<0.31	--	6.7 J	<2.0	--	--	--	--	--	--	--	--	--
415.24	03/27/19	77.64	0.00	337.60	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31		<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/27/19	77.78	0.00	337.46	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31		<2.0	<2.0	--	--	--	--	--	--	--	--	--
	03/09/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	07/14/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	10/07/21	78.47	0.00	336.77	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/16/21	79.06	0.00	336.18	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/31/22	78.52	0.00	336.72	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/27/22	77.37	0.00	337.87	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	09/20/22	77.44	0.00	337.80	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/14/22	78.40	0.00	336.84	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/16/23	78.60	0.00	336.64	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/20/23	78.15	0.00	337.09	96.8J	--	--	--	1.3	2.1	2.4	8.3	--	3.9J	<2.6	<0.23	**<1.4**	--	--	--	--	--	--	--
	09/28/23	78.21	0.00	337.03	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	12/05/23	78.75	0.00	336.49	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/05/24	79.01	0.00	336.23	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/05/24	78.20	0.00	337.04	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.9	<2.9	--	--	--	--	--	--	--	--	--
GW-17S	12/11/18	49.30	0.00	365.54	Well not sampled due to insufficient water.																			
414.84	03/30/19	48.00	0.00	366.84	<19.6	--	--	--	0.29 J	0.094 J	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/27/19	47.00	0.00	367.84	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/09/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	07/14/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	10/07/21	48.61	0.00	366.23	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/16/21	49.24	0.00	365.60	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/31/22	43.94	0.00	370.90	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/27/22	44.58	0.00	370.26	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	09/20/22	46.82	0.00	368.02	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/14/22	49.43	0.00	365.41	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/16/23	46.91	0.00	367.93	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/21/23	44.88	0.00	369.96	<22.6	--	--	--	0.13J	0.14J	0.25J	0.57J	--	3.8J	<2.6	<0.23	**<3.8**	--	--	--	--	--	--	--
	09/27/23	48.74	0.00	366.10	Well not sampled due to insufficient water.																			
	12/05/23	49.48	0.00	365.36	Well gauged only this quarter - concentrations historically below cleanup levels.																			

TABLE 1
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, WA

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-D + TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Chloroform (µg/L)	Benzo(a) pyrene (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	1,1 DCE (µg/L)	1,2 DCE (µg/L)	1,2 DCP (µg/L)	PCE (µg/L)	TCE (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-17S	03/05/24	42.76	0.00	372.08	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<3.3	<3.3	--	--	--	--	--	--	--	--	--
(Cont.)	06/06/24	43.74	0.00	371.10	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.9	<2.9	--	--	--	--	--	--	--	--	--
GW-17D	02/27/00	76.08	0.00	338.99	<19.6	--	--	--	0.50 J	0.38 J	<0.14	<0.31	--	2.8 J	2.0 J	--	--	--	--	--	--	--	--	--
415.07	03/30/19	77.15	0.00	337.92	<19.6	--	--	--	<0.10	<0.083	<0.14	<0.31		2.9J	<2.0	--	--	--	--	--	--	--	--	--
	06/27/19	77.35	0.00	337.72	<38.3	--	--	--	<0.10	<0.083	<0.14	<0.31		2.8J	<2.0	--	--	--	--	--	--	--	--	--
	03/09/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	07/14/21	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	10/07/21	77.98	0.00	337.09	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/16/21	78.52	0.00	336.55	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/31/22	78.06	0.00	337.01	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/27/22	76.96	0.00	338.11	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	09/20/22	76.92	0.00	338.15	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	12/14/22	77.84	0.00	337.23	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/16/23	78.10	0.00	336.97	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/21/23	77.64	0.00	337.43	<22.6	--	--	--	<0.10	<0.10	0.14J	0.35J	--	4.5J	<2.6	<0.23	**<1.6**	--	--	--	--	--	--	--
	09/28/23	77.79	0.00	337.28	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	12/05/23	78.26	0.00	336.81	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	03/05/24	78.51	0.00	336.56	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	06/05/24	77.73	0.00	337.34	Well gauged only this quarter - concentrations historically below cleanup levels.																			
GW-18S	12/11/18	48.38	0.00	365.93	Well not sampled due to insufficient water.																			
414.31	03/30/19	DRY	0.00	NE	Well not sampled due to insufficient water.																			
	06/25/19	48.18	0.00	366.13	Well not sampled due to insufficient water.																			
	09/12/19	48.50	0.00	365.81	Well not sampled due to insufficient water.																			
	12/12/19	48.30	0.00	366.01	Well not sampled due to insufficient water.																			
	03/11/20	48.49	0.00	365.82	Well not sampled due to insufficient water.																			
	07/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	03/09/21	48.60	0.00	365.71	Well not sampled due to insufficient water.																			
	07/14/21	48.34	0.00	365.97	Well not sampled due to insufficient water.																			
	10/07/21	48.93	0.00	365.38	Well not sampled due to insufficient water.																			
	12/16/21	49.15	0.00	365.16	Well not sampled due to insufficient water.																			
	03/31/22	48.48	0.00	365.83	Well not sampled due to insufficient water.																			
	06/27/22	NM	0.00	NE	Well not monitored or sampled this quarter.																			
	09/28/23	48.66	0.00	365.65	Well not sampled due to insufficient water.																			
	12/05/23	49.06	0.00	365.25	Well not sampled due to insufficient water.																			
	03/05/24	48.55	0.00	365.76	Well not sampled due to insufficient water.																			
	06/05/24	47.97	0.00	366.34	Well not sampled due to insufficient water.																			
GWR-18S	06/27/22	52.65	0.00	361.69	Well not sampled due to insufficient water.																			
414.34	09/20/22	53.56	0.00	360.78	Well not sampled due to insufficient water.																			
	12/14/22	53.87	0.00	360.47	Well not sampled due to insufficient water.																			
	03/16/23	54.06	0.00	360.28	Well not sampled due to insufficient water.																			
	06/20/23	53.45	0.00	360.89	Well not sampled due to insufficient water.																			
	09/27/23	53.85	0.00	360.49	Well not sampled due to insufficient water.																			
	12/06/23	53.86	0.00	360.48	Well not sampled due to insufficient water.																			
	03/05/24	53.88	0.00	360.46	Well not sampled due to insufficient water.																			
	06/05/24	52.66	0.00	361.68	Well not sampled due to insufficient water.																			
GW-18D	12/11/18	75.45	0.00	338.73	<19.6	--	--	--	<0.10	0.093 J	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
414.18	03/27/19	76.50	0.00	337.68	**1,270**	--	--	--	**558**	3.8	45.0	109	--	4.9J	<2.0	--	--	--	--	--	--	--	--	--
	06/28/19	76.60	0.00	337.58	241	--	--	--	**62.3**	1.2J	7.3	<1.5	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	09/12/19	77.28	0.00	336.90	<38.3	--	--	--	1.8	<0.083	<0.14	<0.31	--	5.4J	<2.0	--	--	--	--	--	--	--	--	--
	12/12/19	77.70	0.00	337.60	<38.3	--	--	--	0.32J	<0.083	<0.14	<0.31	--	3.4J	--	--	--	--	--	--	--	--	--	--
	03/11/20	78.27	0.00	335.91	Well not sampled due to insufficient water.																			
	07/31/20	77.60	0.00	336.58	Well not sampled due to insufficient water.																			
	03/09/21	78.05	0.00	336.13	Well not sampled due to insufficient water.																			
	07/14/21	77.04	0.00	337.14	<36.1	--	--	--	4.54	<0.278	0.589J	0.321J	--	2.7J	<2.6	--	--	--	--	--	--	--	--	--
	10/07/21	77.39	0.00	336.79	159	--	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	12/17/21	78.11	0.00	336.07	Well not sampled due to insufficient water.																			
	03/31/22	77.38	0.00	336.80	Well not sampled due to insufficient water.																			
	06/27/22	NM	0.00	NE	Well not monitored or sampled this quarter																			
GWR-18D	06/28/22	75.20	0.00	339.02	**2,640**	--	--	--	**28.1**	0.92J	31.6	43.3	--	5.0J	4.7J	0.52J	--	--	--	--	--	--	--	--
414.22	09/21/22	76.32	0.00	337.90	**2,530**	--	--	--	**34.2**	0.97J	24.7	19.6	--	<2.6	<2.6	<0.23	--	--	--	--	--	--	--	--
	12/16/22	77.26	0.00	336.96	**1,530**	--	--	--	**24.2**	0.38J	15.2	0.25J	--	<2.6	<2.6	<0.23	<0.011	--	--	--	--	--	--	--
	03/17/23	77.46	0.00	336.76	**1,730**	--	--	--	**17.1**	0.41J	10.4	0.48J	--	3.9J	<2.6	--	--	--	--	--	--	--	--	--
	06/21/23	77.02	0.00	337.20	**1,370**	--	--	--	**33.9**	0.33J	9.0	0.88J	--	<2.6	<2.6	<0.23	**<1.6**	--	--	--	--	--	--	--
	09/28/23	77.35	0.00	336.87	557	--	--	--	**27.9**	<0.21	2.7	<0.42	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	12/06/23	75.66	0.00	338.56	739	--	--	--	**17.7**	0.37J	0.90J	<0.42	--	6.9J	<2.6	--	--	--	--	--	--	--	--	--
	03/05/24	77.85	0.00	336.37	**978**	--	--	--	**19.0**	<0.21	2.2	1.2J	--	8.5J	<3.3	--	--	--	--	--	--	--	--	--
	06/06/24	76.98	0.00	337.24	**1,260**	--	--	--	**34.0**	<0.21	1.6	<0.42	--	3.5J	<2.9	--	--	--	--	--	--	--	--	--

Notes:
Total Pb = Total lead by EPA Method 6020; Diss Pb = Dissolved lead by EPA Method 6020.
TPH-G = Total Petroleum Hydrocarbons as gasoline by Ecology Method NWTPH-Gx
TPH-D = Total Petroleum Hydrocarbons as diesel and oil by Ecology Method NWTPH-Dx
When the combined total concentration of TPH-D and TPH-O is equal to or exceeds 500 µg/L, the individual concentrations of each compound are considered to be exceeding the MTCA Method A CUL. A value of half the reporting limit was used in this calculation for non-detect concentrations.
Prior to 5/18/11, BTEX and MTBE Analyzed by EPA Method 8021B. After 5/18/11, analyzed by EPA Method 5030B/8260.
[a] Concentration levels stated by MTCA Method A for TPH-G are 1,000 µg/L when no benzene is present and 800 µg/L when benzene is present.
DTW = Depth to water in feet below top of casing
All concentrations are in µg/L (ppb). Micrograms per liter (parts per billion).
Data collected before May 18, 2011 was obtained from prior consultants.
Groundwater elevations were corrected for LPH using a specific gravity of 0.75, as necessary.
GW Elev. = Groundwater elevation in feet relative to top of casing elevations
LPH = Liquid-phase hydrocarbon thickness in feet
< = Less than the stated laboratory reporting limit
J = Estimated concentration above the adjusted method deltection limit and below the adjusted reporting limit.
Prior to December 20, 2011, 1,2-DCA = 1,2-Dichloroethane; PCE = Tetrachloroethene; TCE = Trichloroethene; 1,1-DCE = 1,1 Dichloroethene; 1,2-DCE = 1,2 Dichloroethene; 1,2-DCP = 1,2 Dichloropropane analyzed by EPA Method 8260.
Prior to December 20, 2011, EDB (1,2-Dibromoethane) analyzed by EPA Method 8011.
After December 20, 2011, 1,2-Dichloroethane (1,2-DCA); Tetrachloroethene (PCE); Trichloroethene (TCE); 1,1 Dichloroethene (1,1-DCE); 1,2 Dichloroethene (1,2-DCE); 1,2 Dichloropropane (1,2-DCP) and 1,2-Dibromoethane (EDB) analyzed by EPA Method 8260.
NA = Not analyzed or sampled
NE = Not established
NM = Not measured
NP = Not purged
Wellhead elevations were taken from prior consultant's reports for dates prior to 2018.
[1] = For wells GW-7D through GW-12D: Well designations changed from GW-7 through GW-12 respectively to reflect that the wells are designated as deep water bearing zone wells.
[b] Approximated due to wellhead modification
[c] Samples collected from stub-ups inside remediation compound
[d] Well contained insufficient water to sample, labeled dry when unable to pull any water from well.
* DTW measurements collected 1 day prior to sampling
** Analytical results are anomalous compared to historical data. Atlas suspects that sample ID's "GW-5" and "GW-6" may have been switched.
1n = Sample was evaluated to the MDL.; 2n = Diluted analysis conducted in excess of EPA method holding time; 4n = Sample was reanalyzed 3 days outside of holding time due to carryover.
M1 = Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
Z2 = Analyte present in the associated method blank above the detection limit.
Prior to second quarter 2008, monitoring wells surveyed to relative elevations. Wells were surveyed relative to sea level during the second quarter of 2008.

APPENDIX A

LABORATORY ANALYTICAL DATA REPORT AND CHAIN OF CUSTODY DOCUMENT

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

June 19, 2024

Terry McDunner
Atlas
6347 Seaview Ave NW
Seattle, WA 98107

RE: Project: P66 Burien
Pace Project No.: 10695742

Dear Terry McDunner:

Enclosed are the analytical results for sample(s) received by the laboratory on June 07, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

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

Sincerely,

Jennifer Gross
jennifer.gross@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: Melody Ryback, Atlas

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: P66 Burien
Pace Project No.: 10695742

Pace Analytical Services, LLC - Minneapolis MN
1700 Elm Street SE, Minneapolis, MN 55414
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
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
DoD Certification via A2LA #: 2926.01
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
GMP+ Certification #: GMP050884
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
ISO/IEC 17025 Certification via A2LA #: 2926.01
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 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 (A2LA) #: R-036
North Dakota Certification (MN) #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: 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
Vermont Certification #: VT-027053137
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
USDA Permit #: P330-19-00208

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: P66 Burien
Pace Project No.: 10695742

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10695742012	**Trip Blank**	Water	06/05/24 00:00	06/07/24 10:15
10695742005	**GW-10D**	Water	06/05/24 16:00	06/07/24 10:15
10695742002	**GW-13S**	Water	06/05/24 13:45	06/07/24 10:15
10695742001	**GW-13D**	Water	06/05/24 12:35	06/07/24 10:15
10695742011	**GW-14S**	Water	06/06/24 14:10	06/07/24 10:15
10695742010	**GW-14D**	Water	06/06/24 13:30	06/07/24 10:15
10695742007	**GW-15S**	Water	06/06/24 09:40	06/07/24 10:15
10695742006	**GW-15D**	Water	06/06/24 10:15	06/07/24 10:15
10695742004	**GW-16S**	Water	06/05/24 15:15	06/07/24 10:15
10695742003	**GW-16D**	Water	06/05/24 14:30	06/07/24 10:15
10695742008	**GW-17S**	Water	06/06/24 11:00	06/07/24 10:15
10695742009	**GWR-18D**	Water	06/06/24 12:40	06/07/24 10:15

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SAMPLE ANALYTE COUNT

Project: P66 Burien
Pace Project No.: 10695742

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10695742012	**Trip Blank**	NWTPH-Gx	TM2	2	PASI-M
		EPA 8260D	JEM	7	PASI-M
10695742005	**GW-10D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	JEM	7	PASI-M
10695742002	**GW-13S**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	JEM	7	PASI-M
10695742001	**GW-13D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	JEM	7	PASI-M
10695742011	**GW-14S**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	JEM, PAB	7	PASI-M
10695742010	**GW-14D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	JEM	7	PASI-M
10695742007	**GW-15S**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	JEM	7	PASI-M
10695742006	**GW-15D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	JEM	7	PASI-M
10695742004	**GW-16S**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	JEM	7	PASI-M
10695742003	**GW-16D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: P66 Burien
Pace Project No.: 10695742

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260D	JEM	7	PASI-M
10695742008	**GW-17S**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	JEM	7	PASI-M
10695742009	**GWR-18D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	JEM	7	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: Trip Blank **Lab ID: 10695742012** Collected: 06/05/24 00:00 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**<24.0**	ug/L	100	24.0	1		06/11/24 03:26		
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%.	50-150		1		06/11/24 03:26	98-08-8	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 11:21	71-43-2	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		06/13/24 11:21	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 11:21	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		06/13/24 11:21	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	94	%.	75-125		1		06/13/24 11:21	2199-69-1	
4-Bromofluorobenzene (S)	100	%.	75-125		1		06/13/24 11:21	460-00-4	
Toluene-d8 (S)	107	%.	75-125		1		06/13/24 11:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: GW-10D **Lab ID: 10695742005** Collected: 06/05/24 16:00 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**<24.0**	ug/L	100	24.0	1		06/11/24 03:07		
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%.	50-150		1		06/11/24 03:07	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 11:53	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 13:20	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 12:30	71-43-2	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		06/13/24 12:30	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 12:30	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		06/13/24 12:30	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	95	%.	75-125		1		06/13/24 12:30	2199-69-1	
4-Bromofluorobenzene (S)	100	%.	75-125		1		06/13/24 12:30	460-00-4	
Toluene-d8 (S)	106	%.	75-125		1		06/13/24 12:30	2037-26-5	

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: GW-13S **Lab ID: 10695742002** Collected: 06/05/24 13:45 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**1010**	ug/L	100	24.0	1		06/11/24 02:09		
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%.	50-150		1		06/11/24 02:09	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 11:44	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 13:15	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**1.6**	ug/L	1.0	0.21	1		06/13/24 11:49	71-43-2	
Ethylbenzene	**20.9**	ug/L	1.0	0.11	1		06/13/24 11:49	100-41-4	
Toluene	**1.7**	ug/L	1.0	0.21	1		06/13/24 11:49	108-88-3	
Xylene (Total)	**30.4**	ug/L	3.0	0.42	1		06/13/24 11:49	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	96	%.	75-125		1		06/13/24 11:49	2199-69-1	
4-Bromofluorobenzene (S)	97	%.	75-125		1		06/13/24 11:49	460-00-4	
Toluene-d8 (S)	97	%.	75-125		1		06/13/24 11:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: GW-13D **Lab ID: 10695742001** Collected: 06/05/24 12:35 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**<24.0**	ug/L	100	24.0	1		06/11/24 01:50		
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%.	50-150		1		06/11/24 01:50	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 11:36	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 13:04	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 11:35	71-43-2	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		06/13/24 11:35	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 11:35	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		06/13/24 11:35	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	96	%.	75-125		1		06/13/24 11:35	2199-69-1	
4-Bromofluorobenzene (S)	101	%.	75-125		1		06/13/24 11:35	460-00-4	
Toluene-d8 (S)	106	%.	75-125		1		06/13/24 11:35	2037-26-5	

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: GW-14S **Lab ID: 10695742011** Collected: 06/06/24 14:10 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**28700**	ug/L	2000	480	20		06/11/24 21:04		
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	50-150		20		06/11/24 21:04	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**3.2J**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 12:02	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 13:49	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**46.7**	ug/L	5.0	1.1	5		06/13/24 14:36	71-43-2	
Ethylbenzene	**897**	ug/L	25.0	2.7	25		06/14/24 20:18	100-41-4	
Toluene	**302**	ug/L	5.0	1.0	5		06/13/24 14:36	108-88-3	
Xylene (Total)	**3030**	ug/L	75.0	10.5	25		06/14/24 20:18	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	97	%.	75-125		5		06/13/24 14:36	2199-69-1	
4-Bromofluorobenzene (S)	94	%.	75-125		5		06/13/24 14:36	460-00-4	
Toluene-d8 (S)	95	%.	75-125		5		06/13/24 14:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: GW-14D **Lab ID: 10695742010** Collected: 06/06/24 13:30 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**231**	ug/L	100	24.0	1		06/11/24 04:44		
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	50-150		1		06/11/24 04:44	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 12:01	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 13:46	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**79.3**	ug/L	1.0	0.21	1		06/13/24 13:40	71-43-2	
Ethylbenzene	**0.25J**	ug/L	1.0	0.11	1		06/13/24 13:40	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 13:40	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		06/13/24 13:40	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	96	%.	75-125		1		06/13/24 13:40	2199-69-1	
4-Bromofluorobenzene (S)	99	%.	75-125		1		06/13/24 13:40	460-00-4	
Toluene-d8 (S)	100	%.	75-125		1		06/13/24 13:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: GW-15S **Lab ID: 10695742007** Collected: 06/06/24 09:40 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**<24.0**	ug/L	100	24.0	1		06/11/24 04:05		
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%.	50-150		1		06/11/24 04:05	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 11:56	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 13:24	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 12:58	71-43-2	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		06/13/24 12:58	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 12:58	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		06/13/24 12:58	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	95	%.	75-125		1		06/13/24 12:58	2199-69-1	
4-Bromofluorobenzene (S)	101	%.	75-125		1		06/13/24 12:58	460-00-4	
Toluene-d8 (S)	106	%.	75-125		1		06/13/24 12:58	2037-26-5	

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: GW-15D **Lab ID: 10695742006** Collected: 06/06/24 10:15 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**<24.0**	ug/L	100	24.0	1		06/11/24 03:45		
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%.	50-150		1		06/11/24 03:45	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 11:54	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 13:22	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 12:44	71-43-2	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		06/13/24 12:44	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 12:44	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		06/13/24 12:44	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	96	%.	75-125		1		06/13/24 12:44	2199-69-1	
4-Bromofluorobenzene (S)	100	%.	75-125		1		06/13/24 12:44	460-00-4	
Toluene-d8 (S)	106	%.	75-125		1		06/13/24 12:44	2037-26-5	

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: GW-16S **Lab ID: 10695742004** Collected: 06/05/24 15:15 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**<24.0**	ug/L	100	24.0	1		06/11/24 02:48		
Surrogates									
a,a,a-Trifluorotoluene (S)	96	%.	50-150		1		06/11/24 02:48	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 11:48	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 13:19	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 12:16	71-43-2	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		06/13/24 12:16	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 12:16	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		06/13/24 12:16	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	96	%.	75-125		1		06/13/24 12:16	2199-69-1	
4-Bromofluorobenzene (S)	99	%.	75-125		1		06/13/24 12:16	460-00-4	
Toluene-d8 (S)	104	%.	75-125		1		06/13/24 12:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(612)607-1700

ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: GW-16D **Lab ID: 10695742003** Collected: 06/05/24 14:30 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**<24.0**	ug/L	100	24.0	1		06/11/24 02:28		
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%.	50-150		1		06/11/24 02:28	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 11:46	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 13:17	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 12:03	71-43-2	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		06/13/24 12:03	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 12:03	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		06/13/24 12:03	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	95	%.	75-125		1		06/13/24 12:03	2199-69-1	
4-Bromofluorobenzene (S)	100	%.	75-125		1		06/13/24 12:03	460-00-4	
Toluene-d8 (S)	107	%.	75-125		1		06/13/24 12:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: GW-17S **Lab ID: 10695742008** Collected: 06/06/24 11:00 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**<24.0**	ug/L	100	24.0	1		06/11/24 04:24		
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	50-150		1		06/11/24 04:24	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 11:58	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 13:43	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 13:12	71-43-2	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		06/13/24 13:12	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 13:12	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		06/13/24 13:12	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	96	%.	75-125		1		06/13/24 13:12	2199-69-1	
4-Bromofluorobenzene (S)	99	%.	75-125		1		06/13/24 13:12	460-00-4	
Toluene-d8 (S)	106	%.	75-125		1		06/13/24 13:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10695742

Sample: GWR-18D **Lab ID: 10695742009** Collected: 06/06/24 12:40 Received: 06/07/24 10:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis								
TPH as Gas	**1260**	ug/L	100	24.0	1		06/11/24 01:11		
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	50-150		1		06/11/24 01:11	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**3.5J**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 11:59	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.9**	ug/L	10.0	2.9	1	06/13/24 05:05	06/14/24 13:45	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**34.0**	ug/L	1.0	0.21	1		06/13/24 13:26	71-43-2	
Ethylbenzene	**1.6**	ug/L	1.0	0.11	1		06/13/24 13:26	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		06/13/24 13:26	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		06/13/24 13:26	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	96	%.	75-125		1		06/13/24 13:26	2199-69-1	
4-Bromofluorobenzene (S)	97	%.	75-125		1		06/13/24 13:26	460-00-4	
Toluene-d8 (S)	94	%.	75-125		1		06/13/24 13:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: P66 Burien
Pace Project No.: 10695742

QC Batch: 950493
QC Batch Method: NWTPH-Gx
Analysis Method: NWTPH-Gx
Analysis Description: NWTPH-Gx Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10695742001, 10695742002, 10695742003, 10695742004, 10695742005, 10695742006, 10695742007, 10695742008, 10695742009, 10695742010, 10695742012

METHOD BLANK: 4970951 Matrix: Water
Associated Lab Samples: 10695742001, 10695742002, 10695742003, 10695742004, 10695742005, 10695742006, 10695742007, 10695742008, 10695742009, 10695742010, 10695742012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH as Gas	ug/L	<24.0	100	24.0	06/11/24 00:51	
a,a,a-Trifluorotoluene (S)	%.	99	50-150		06/11/24 00:51	

LABORATORY CONTROL SAMPLE & LCSD: 4970953 4970954

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	873	880	87	88	66-125	1	20	
a,a,a-Trifluorotoluene (S)	%.				98	100	50-150			

SAMPLE DUPLICATE: 4970955

Parameter	Units	10695742009 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1260	1220	3	30	
a,a,a-Trifluorotoluene (S)	%.	103	103			

SAMPLE DUPLICATE: 4970956

Parameter	Units	10696030001 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	27400	27200	1	30	E
a,a,a-Trifluorotoluene (S)	%.	100	100			

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: P66 Burien
Pace Project No.: 10695742

QC Batch: 950724
QC Batch Method: NWTPH-Gx
Analysis Method: NWTPH-Gx
Analysis Description: NWTPH-Gx Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10695742011

METHOD BLANK: 4972321 Matrix: Water
Associated Lab Samples: 10695742011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH as Gas	ug/L	<24.0	100	24.0	06/11/24 20:45	
a,a,a-Trifluorotoluene (S)	%.	103	50-150		06/11/24 20:45	

LABORATORY CONTROL SAMPLE & LCSD: 4972323 4972324

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	865	875	87	88	66-125	1	20	
a,a,a-Trifluorotoluene (S)	%.				103	102	50-150			

SAMPLE DUPLICATE: 4972325

Parameter	Units	10695742011 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	28700	28400	1	30	
a,a,a-Trifluorotoluene (S)	%.	102	102			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: P66 Burien
Pace Project No.: 10695742

QC Batch: 950907
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10695742001, 10695742002, 10695742003, 10695742004, 10695742005, 10695742006, 10695742007, 10695742008, 10695742009, 10695742010, 10695742011

METHOD BLANK: 4973050 Matrix: Water
Associated Lab Samples: 10695742001, 10695742002, 10695742003, 10695742004, 10695742005, 10695742006, 10695742007, 10695742008, 10695742009, 10695742010, 10695742011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	<2.9	10.0	2.9	06/14/24 11:33	

LABORATORY CONTROL SAMPLE: 4973051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1000	1070	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4973052 4973053

Parameter	Units	10695742001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	<2.9	1000	1000	1060	1060	106	106	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: P66 Burien
Pace Project No.: 10695742

QC Batch: 950908
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D Water Dissolved
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10695742001, 10695742002, 10695742003, 10695742004, 10695742005, 10695742006, 10695742007, 10695742008, 10695742009, 10695742010, 10695742011

METHOD BLANK: 4973054 Matrix: Water
Associated Lab Samples: 10695742001, 10695742002, 10695742003, 10695742004, 10695742005, 10695742006, 10695742007, 10695742008, 10695742009, 10695742010, 10695742011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead, Dissolved	ug/L	<2.9	10.0	2.9	06/14/24 13:00	

LABORATORY CONTROL SAMPLE: 4973055

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead, Dissolved	ug/L	1000	1060	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4973056 4973057

Parameter	Units	10695742001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead, Dissolved	ug/L	<2.9	1000	1000	1010	1050	101	105	75-125	4	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: P66 Burien
Pace Project No.: 10695742

QC Batch: 951177 | Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D | Analysis Description: 8260D MSV UST-WATER
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10695742001, 10695742002, 10695742003, 10695742004, 10695742005, 10695742006, 10695742007, 10695742008, 10695742009, 10695742010, 10695742011, 10695742012

METHOD BLANK: 4974465 Matrix: Water
Associated Lab Samples: 10695742001, 10695742002, 10695742003, 10695742004, 10695742005, 10695742006, 10695742007, 10695742008, 10695742009, 10695742010, 10695742011, 10695742012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.21	1.0	0.21	06/13/24 10:59	
Ethylbenzene	ug/L	<0.11	1.0	0.11	06/13/24 10:59	
Toluene	ug/L	<0.21	1.0	0.21	06/13/24 10:59	
Xylene (Total)	ug/L	<0.42	3.0	0.42	06/13/24 10:59	
1,2-Dichlorobenzene-d4 (S)	%.	95	75-125		06/13/24 10:59	
4-Bromofluorobenzene (S)	%.	100	75-125		06/13/24 10:59	
Toluene-d8 (S)	%.	107	75-125		06/13/24 10:59	

LABORATORY CONTROL SAMPLE & LCSD: 4974466 4974467

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	ug/L	20	18.6	18.9	93	95	75-125	2	20	
Ethylbenzene	ug/L	20	19.2	19.1	96	96	75-125	0	20	
Toluene	ug/L	20	17.4	17.9	87	89	75-125	3	20	
Xylene (Total)	ug/L	60	57.7	57.7	96	96	75-125	0	20	
1,2-Dichlorobenzene-d4 (S)	%.				96	97	75-125			
4-Bromofluorobenzene (S)	%.				96	97	75-125			
Toluene-d8 (S)	%.				95	97	75-125			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: P66 Burien
Pace Project No.: 10695742

QC Batch: 951465
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV UST-WATER
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10695742011

METHOD BLANK: 4976135 Matrix: Water
Associated Lab Samples: 10695742011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.11	1.0	0.11	06/14/24 18:57	
Xylene (Total)	ug/L	<0.42	3.0	0.42	06/14/24 18:57	
1,2-Dichlorobenzene-d4 (S)	%.	101	75-125		06/14/24 18:57	
4-Bromofluorobenzene (S)	%.	98	75-125		06/14/24 18:57	
Toluene-d8 (S)	%.	100	75-125		06/14/24 18:57	

LABORATORY CONTROL SAMPLE & LCSD: 4976136 4976137

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethylbenzene	ug/L	20	18.0	18.0	90	90	75-125	0	20	
Xylene (Total)	ug/L	60	53.3	52.3	89	87	75-125	2	20	
1,2-Dichlorobenzene-d4 (S)	%.				99	100	75-125			
4-Bromofluorobenzene (S)	%.				99	99	75-125			
Toluene-d8 (S)	%.				100	101	75-125			

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REPORT OF LABORATORY ANALYSIS

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1700 Elm Street
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(612)607-1700

QUALIFIERS

Project: P66 Burien
Pace Project No.: 10695742

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 950493

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 950724

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 951177

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 951465

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: P66 Burien
Pace Project No.: 10695742

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10695742001	**GW-13D**	NWTPH-Gx	950493		
10695742002	**GW-13S**	NWTPH-Gx	950493		
10695742003	**GW-16D**	NWTPH-Gx	950493		
10695742004	**GW-16S**	NWTPH-Gx	950493		
10695742005	**GW-10D**	NWTPH-Gx	950493		
10695742006	**GW-15D**	NWTPH-Gx	950493		
10695742007	**GW-15S**	NWTPH-Gx	950493		
10695742008	**GW-17S**	NWTPH-Gx	950493		
10695742009	**GWR-18D**	NWTPH-Gx	950493		
10695742010	**GW-14D**	NWTPH-Gx	950493		
10695742011	**GW-14S**	NWTPH-Gx	950724		
10695742012	**Trip Blank**	NWTPH-Gx	950493		
10695742001	**GW-13D**	EPA 3010A	950907	EPA 6010D	951227
10695742002	**GW-13S**	EPA 3010A	950907	EPA 6010D	951227
10695742003	**GW-16D**	EPA 3010A	950907	EPA 6010D	951227
10695742004	**GW-16S**	EPA 3010A	950907	EPA 6010D	951227
10695742005	**GW-10D**	EPA 3010A	950907	EPA 6010D	951227
10695742006	**GW-15D**	EPA 3010A	950907	EPA 6010D	951227
10695742007	**GW-15S**	EPA 3010A	950907	EPA 6010D	951227
10695742008	**GW-17S**	EPA 3010A	950907	EPA 6010D	951227
10695742009	**GWR-18D**	EPA 3010A	950907	EPA 6010D	951227
10695742010	**GW-14D**	EPA 3010A	950907	EPA 6010D	951227
10695742011	**GW-14S**	EPA 3010A	950907	EPA 6010D	951227
10695742001	**GW-13D**	EPA 3010A	950908	EPA 6010D	951228
10695742002	**GW-13S**	EPA 3010A	950908	EPA 6010D	951228
10695742003	**GW-16D**	EPA 3010A	950908	EPA 6010D	951228
10695742004	**GW-16S**	EPA 3010A	950908	EPA 6010D	951228
10695742005	**GW-10D**	EPA 3010A	950908	EPA 6010D	951228
10695742006	**GW-15D**	EPA 3010A	950908	EPA 6010D	951228
10695742007	**GW-15S**	EPA 3010A	950908	EPA 6010D	951228
10695742008	**GW-17S**	EPA 3010A	950908	EPA 6010D	951228
10695742009	**GWR-18D**	EPA 3010A	950908	EPA 6010D	951228
10695742010	**GW-14D**	EPA 3010A	950908	EPA 6010D	951228
10695742011	**GW-14S**	EPA 3010A	950908	EPA 6010D	951228
10695742001	**GW-13D**	EPA 8260D	951177		
10695742002	**GW-13S**	EPA 8260D	951177		
10695742003	**GW-16D**	EPA 8260D	951177		
10695742004	**GW-16S**	EPA 8260D	951177		
10695742005	**GW-10D**	EPA 8260D	951177		
10695742006	**GW-15D**	EPA 8260D	951177		
10695742007	**GW-15S**	EPA 8260D	951177		
10695742008	**GW-17S**	EPA 8260D	951177		
10695742009	**GWR-18D**	EPA 8260D	951177		
10695742010	**GW-14D**	EPA 8260D	951177		
10695742011	**GW-14S**	EPA 8260D	951177		
10695742011	**GW-14S**	EPA 8260D	951465		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: P66 Burien
Pace Project No.: 10695742

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10695742012	**Trip Blank**	EPA 8260D	951177		

Pace® Location Requested (City/State):
Pace Analytical Minnesota
1700 Elm Street, Suite 200
Minneapolis, MN 55414

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 10695742

10695742

Company Name:	Atlas	Contact/Report To:	Elisabeth Silver
Street Address:	6347 Seaview Ave NW, Seattle, WA 98107	Phone #:	(206)781-1449
		E-Mail:	elisabeth.silver@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	P66 Burien	Invoice To:	Elisabeth Silver
		Invoice E-Mail:	elisabeth.silver@oneatlas.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Washington

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	6010D Lead, Diss. (Field Filtered)	6010D Lead, Total	8260D BTEX	NWTPH-Gx	Sample Comment
Trip Blank	WT											X	X	
GW-10D	WT	Comp			6/5/2024	1600	8			X	X	X	X	
GW-13S	WT	comp			6/5/2024	1345	8			X	X	X	X	
GW-13D	WT	comp			6/5/2024	1235	8			X	X	X	X	
GW-14S	WT	comp			6/6/2024	1410	8			X	X	X	X	
GW-14D	WT	comp			6/6/2024	1330	8			X	X	X	X	
GW-15S	WT	comp			6/6/2024	0940	8			X	X	X	X	
GW-15D	WT	comp			6/6/2024	1015	8			X	X	X	X	
GW-16S	WT	comp			6/5/2024	1515	8			X	X	X	X	
GW-16D	WT	comp			6/5/2024	1430	8			X	X	X	X	

Lab Use Only

Proj. Mgr: Jennifer Gross
AcctNum / Client ID:
Table #:
Profile / Template: 39765
Prelog / Bottle Ord. ID: EZ 3022607

Preservation non-conformance identified for sample.

125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:

Collected By: (Printed Name) Melody Ryback
Signature: Melody Ryback

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C) | Corrected Temp. (°C) | On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Atlas	6/6/2024 @ 1500	PACE	6.7.24 10:15	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State):
Pace Analytical Minnesota
1700 Elm Street, Suite 200
Minneapolis, MN 55414

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Atlas	Contact/Report To:	Elisabeth Silver
Street Address:	6347 Seaview Ave NW, Seattle, WA 98107	Phone #:	(206)781-1449
		E-Mail:	elisabeth.silver@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	P66 Burien	Invoice To:	Elisabeth Silver
		Invoice E-Mail:	elisabeth.silver@oneatlas.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Washington
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other		Regulatory Program (DW, RCRA, etc.) as applicable:	Reportable [ ] Yes [ ] No
		Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other	DW PWSID # or WW Permit # as applicable:
		Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Jennifer Gross

AcctNum / Client ID:

Table #:

Profile / Template: 39765

Prelog / Bottle Ord. ID: EZ 3022607

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	6010D Lead, Diss. (Field Filtered)	6010D Lead, Total	8260D BTEX	NWTPH-Gx	Sample Comment	Preservation non-conformance identified for sample.
GW-17S	WT	Comp			6/6/2024	1100	8			X	X	X	X		
GWR-18D	WT	COMP			6/6/2024	1240	8			X	X	X	X		

Additional Instructions from Pace®:

Collected By: (Printed Name)

Signature:

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C) | Corrected Temp. (°C) | On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
		PACE	6.7.24 10:15	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

ENV-FRM-MIN4-0150 v17_Sample Condition Upon Receipt

CLIENT NAME: Atlas PROJECT #:

WO#: 10695742

PM: JMG Due Date: 06/21/24

CLIENT: ATC_WA

COURIER: ☐ Client ☐ Commercial ☒ FedEx ☐ Pace ☐ SpeeDee ☐ UPS ☐ USPS

TRACKING NUMBER: 7048 1456 6011 ☒ See Exceptions form ENV-FRM-MIN4-0142

Custody Seal on Cooler/Box Present: ☒ YES ☐ NO Seals Intact: ☐ YES ☐ NO Biological Tissue Frozen: ☐ YES ☐ NO ☒ N/A

Packing Material: ☒ Bubble Bags ☐ Bubble Wrap ☐ None ☐ Other Temp Blank: ☒ YES ☐ NO Type of Ice: ☐ Blue ☐ Dry ☒ Wet ☐ Melted ☐ None

Thermometer: ☐ T1 (0461) ☐ T2 (0436) ☒ T3 (0459) ☒ T4 (0402) ☐ T5 (0178) ☐ T6 (0235) ☐ T7 (0042) ☐ T8 (0775) ☐ T9 (0727) ☐ 01339252 (1710)

Did Samples Originate in West Virginia: ☐ YES ☒ NO	Were All Container Temps taken: ☐ YES ☐ NO ☒ N/A
Correction Factor: -0.1 Cooler Temp Read w/Temp Blank: 2.6 °C	Average Corrected Temp (no Temp Blank Only): ____ °C
Cooler Temp Corrected w/Temp Blank: 2.7 °C	
NOTE: Temp should be above freezing to 6°C.	☐ See Exceptions Form ENV-FRM-MIN4-0142 ☐ 1 Container
USDA Regulated Soil: ☒ N/A - Water Sample/Other (describe):	Initials & Date of Person Examining Contents: CLR 6/7/24
Did Samples originate from one of the following states (check maps) – AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA: ☐ YES ☐ NO	Did samples originate from a foreign source (international, including Hawaii and Puerto Rico): ☐ YES ☐ NO

NOTE: If YES to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.

LOCATION (check one): ☐ DULUTH ☒ MINNEAPOLIS ☐ VIRGINIA	YES	NO	N/A	COMMENT(S)
Chain of Custody Present and Filled Out?	☐	☒		1. No COC recd with Coolers
Chain of Custody Relinquished?	☐	☒		2.
Sampler Name and/or Signature on COC?	☐	☐	☒	3.
Samples Arrived within Hold Time?	☒	☐		4. If Fecal: ☐ <8 hrs ☐ >8 hr, <24 hr ☐ No
Short Hold Time Analysis (<72 hr)?	☐	☒		5. ☐ BOD / cBOD ☐ Fecal coliform ☐ Hex Chrom ☐ HPC ☐ Nitrate ☐ Nitrite ☐ Ortho Phos ☐ Total coliform/*E. coli* ☐ Other:
Rush Turn Around Time Requested?	☐	☒		6.
Sufficient Sample Volume?	☒	☐		7.
Correct Containers Used? – Pace Containers Used?	☒ ☒	☐ ☐	☐	8.
Containers Intact?	☒	☐		9.
Field Filtered Volume Received for Dissolved Tests?	☒	☐	☐	10. Is sediment visible in the dissolved container: ☐ YES ☒ NO
Is sufficient information available to reconcile the samples to the COC? NOTE: If ID/Date/Time don't match fill out section 11. Matrix: ☐ Oil ☐ Soil ☒ Water ☐ Other	☐	☒		11. **If NO, write ID/Date/Time of container below:** No COC ☒ See Exceptions form ENV-FRM-MIN4-0142
All containers needing acid/base preservation have been checked? All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, < 2 pH, NaOH > 9 Sulfide, NaOH > 10 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil & Grease, DRO/8015 (water) and Dioxins/PFAS NOTE: If adding preservation to the container, **verify with the PM first.** Clients may require adding preservative to the field and equipment blanks when this occurs.	☒ ☒ ☒	☐ ☐ ☐	☐ ☐ ☐	12. Sample #: 001-011: 2-12 ☒ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ Zinc Acetate Positive for Residual Chlorine: ☐ YES ☐ NO **pH Paper Lot #** (Residual Chlorine / 0-6 Roll: 213923 / 0-6 Strip / 0-14 Strip) ☐ See Exceptions form ENV-FRM-MIN4-0142
Headspace in Methyl Mercury Container?	☐	☐	☒	13.
Extra labels present on soil VOA or WIDRO containers?	☐	☐	☒	14.
Headspace in VOA Vials (greater than 6mm)?	☐	☒	☐	☐ See Exceptions form ENV-FRM-MIN4-0140
Trip Blanks Present?	☒	☐	☐	15. All trip blanks expired 5/14/24
Trip Blank Custody Seals Present?	☐	☐	☐	Pace Trip Blank Lot # (if purchased): 458 TB

CLIENT NOTIFICATION / RESOLUTION **FIELD DATA REQUIRED:** ☐ YES ☐ NO

Person Contacted: Elisabeth & Melody Date & Time: 6/10/24

Comments / Resolution: COC emailed on 6/10.

Project Manager Review: Jenni Gross Date: 6/10/24

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

Labeled By: CLR Line: 4

ENV-FRM-MIN4-0142 v03_Sample Condition Upon Receipt - Exceptions

Workorder #: 10695742 (6/10/24 JMG)

No Temp Blank		
Read Temp	**Corrected Temp**	**Average temp**

PM Notified of Out of Temp Cooler? ☐ YES ☐ NO

If yes, indicate who was contacted, date and time.
If no, indicate reason why.

Multiple Cooler Project? ☐ YES ☐ NO

If anything is OVER 6.0°C, you MUST document containers in this section HERE

Tracking Number	Temperature
Cooler #2- no tracking information found on cooler	4.6

Date/Time

~~Out of Temp~~ Sample ID	~~Container~~ Type	# of Containers
GW-13D	6/5/24 1300	8
GW-13S	6/5/24 1345	12
GW-16D	" 1430	11
GW-16S	" 1515	11
GW-10D	" 1600	11
GW-15D	6/6/24 ~~0940~~ accidental 0940	11
GW-15S	" 1015	11
GW-17S	" 1100	11
GW-R18D	" 1235	11
GW-14D	" 1330	11
GW-14S	" 1410	11

pH Adjustment Log for Preserved Samples

Sample ID	Type Of Preserve	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance After Addition? YES	In Compliance After Addition? NO	Initials
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	

Comments:

8 sample containers per sample ID: 6x VG9H, 1x BP3N, 1x BP3F. 6 HCl trip blanks received (3 per cooler) all expired 5/14/24

APPENDIX B

FIELD REPORTS / GROUNDWATER GAUGING AND SAMPLING LOGS

ATLAS

Monitor Well Gauging Log

FLD-102
Revision 0.0
Jul-08

ATC Branch: Seattle - 10282

Date: 6/5/24

Page 1 of 2

ATC Representative(s):
MR, SL

Project: PUV AOC 2063

Location: Pine Bluff

Contact Information: (206) 781-1449

Project No: 207600087

Task No:

Weather: clear

Temperature: ↑ 60's

Water Level Meter Model/ID: EnviroTape

Interface Probe Model/ID:

	Well ID	Casing Diameter (inches) / Type	Time of Well Cap Removal*	Time of Gauging*	Depth To LNAPL (feet)	Depth To Water (feet)	LNAPL Thickness (feet)	Total Well Depth (feet)	Other (DTW, DO, ORP, Temp, etc)
	GW-9S	2	0954	0957	/	21.01	/	/	gauge only
	GW-9D		0952	0956	/	70.75	/	/	gauge only
	GW-10S		0946	0948	/	24.18	/	/	gauge only
○	GW-10D		0947	0949	/	78.29	/	94.61	
	GW-11D		0901	0904	/	77.52	/	/	gauge only
○	GW-13S		0907	0910	/	27.93	/	49.02	
○	GW-13D		0905	0909	/	75.91	/	84.09	
◐	GW-14S		1003	1005	/	33.90	/	50.01	PO
◐	GW-14D		1004	1007	/	75.41	/	78.90	PO
◐	GW-15S		0913	0916	/	27.72	/	45.23	
◐	GW-15D		0913	0915	/	48.22	/	73.00	
○	GW-16S		0921	0925	/	37.06	/	50.15	
○	GW-16D		0920	0923	/	78.20	/	85.49	
◐	GW-17S		0928	0931	/	43.79	/	<0.01	
	GW-17D	↓	0927	0928	/	77.73	/	/	gauge only

Comments:

All wells gauged 6/5/24

○ = sampled 6/5/24

◐ = sampled 6/6/24

Notes:

* If top of screen is submerged, allow at least 15 minutes for well equilibration following well cap removal.
All measurements to be reported to nearest 0.01 ft.

ID = Identification

LNAPL = Light Non-Aqueous Phase Liquid.

Sheen = Discontinuous, non-measurable thickness of LNAPL (less than 0.01 ft).

Trace = Continuous, non-measurable thickness of LNAPL.

ATLAS

Monitor Well Gauging Log

FLD-102
Revision 0.0
Jul-08

ATC Branch: Seattle - 10282
Date: 6/5/24
Page 2 of 2

ATC Representative(s): MR, SL
Project: Pier Nor 2063
Location: Pier, Buried
Contact Information: (206) 781-1449
Project No: 207600087
Task No:
Weather: Clear
Temperature: ↑ 60's

Water Level Meter Model/ID: EnviroTape
Interface Probe Model/ID:

Well ID	Casing Diameter (inches) / Type	Time of Well Cap Removal*	Time of Gauging* 0943	Depth To LNAPL (feet)	Depth To Water (feet)	LNAPL Thickness (feet)	Total Well Depth (feet)	Other (DTW, DO, ORP, Temp, etc)
GW-18S	2"	0935	~~0943~~	/	47.97	/	49.84	effectively dry gauge only
GW-18D	↓					/		~~gauge only~~
GWP-18S		0930	0939	/	52.46	/	54.19	DNS - effectively dry
GWP-18D	↓	0937	0942	/	76.98	/	89.95	PO

Comments: All gauged 6/5/24
O = sampled 6/5/24
● = sampled 6/6/24

* unable to sample @ GWR18S - only ~1.5' water column

Notes:
* If top of screen is submerged, allow at least 15 minutes for well equilibration following well cap removal.
All measurements to be reported to nearest 0.01 ft.
ID = Identification.
LNAPL = Light Non-Aqueous Phase Liquid.
Sheen = Discontinuous, non-measurable thickness of LNAPL (less than 0.01 ft).
Trace = Continuous, non-measurable thickness of LNAPL.

ATLAS	Field Report	FLD-100
		Revision 1.0
		6/1/2016

ATC Branch: Seattle - 10282	Date: 6/5/24	Page 1 of 2
ATC Representative(s): MR, SL	Project: PSW AOC 2023	
Role: Staff Scientist	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: 20760000.07	Task No: –
Scope of Work:	Weather: clear	Temperature: 40's
X Monitoring ___ Assessment __ Remediation ___ Closure	Contractor: NA	

Time:	Well ID:	DTW	TWD	Notes
0830	Arrive onsite, don level D PPE			
0845	perform morning tailgate			
0900	begin ganging wells - gauge all monitoring wells			
0957	GW-8S	21.61	/	
0956	GW-8D	76.75	/	
0948	GW-10S	24.18	/	
0949	GW-10D	78.29	94.01	
0904	GW-11D	77.52	/	
0910	GW-13S	27.93	49.02	
0909	GW-13D	75.91	84.09	
1005	GW-14S	33.86	50.01	PD
1007	GW-14D	75.44	78.96	PD
0916	GW-15S	~~27.72~~ 27.72	45.23	
0915	GW-15D	48.22	73.00	
0925	GW-16S	37.06	50.15	
0923	GW-16D	78.20	85.49	
0931	GW-17S	43.74	50.01	
0928	GW-17D	77.73	/	
0943	GW-18S	47.97	49.84	DNS- effectively dry
0939	GWR-18S	52.66	54.19	DNS- effectively dry
0942	GWR-18D	76.98	89.95	PD

Equipment Used:		
Contractor Hours (per Person):	Staff / Technician Hours:	Mileage:
Copies To:	Project Manager:	
	Reviewed By:	

ATLAS

Field Report

FLD-100
Revision 1.0
6/1/2016

ATC Branch: Seattle - 10282	Date: 6/5/24	Page 2 of 2
ATC Representative(s): MR, SL	Project: PUG AOC 2063	
Role: Staff Scientist	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: 20760000087	Task No: --
Scope of Work:	Weather: clear	Temperature: 40's
X Monitoring ___ Assessment __ Remediation ___ Closure	Contractor: NA	

Time:	Comments:
1010	mob on site for ysi
1130	return to site
	mob to GW-135 & GW-13D, establish containment
1235	purge start at GW-13D
1300	parameters stable, sample collected at GW-13D
1324	purge start at GW-135
1345	parameters stable, sample collected at GW-135
	mob to GW-165 & GW-160, establish containment
1412	purge start @ GW-160
1430	parameters stable, sample collected at GW-160
1452	purge start at GW-165
1515	parameters stable, sample collected at GW-165
	mob to GW-100, establish containment
1538	purge start at GW-100
1600	parameters stable sample collected at GW-100
1615	clean site, mob off
	MR

Equipment Used:

Contractor Hours (per Person):	Staff / Technician Hours:	Mileage:
Copies To:	Project Manager:	
	Reviewed By:	

ATLAS

Field Report

FLD-100
Revision 1.0
6/1/2016

ATC Branch: Seattle - 10282	Date: 6/16/24	Page 1 of 1
ATC Representative(s): NR, MP	Project: Pier ADC 2023	
Role: Staff Scientist	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: 20760000087	Task No: --
Scope of Work:	Weather: clear	Temperature: ~70's
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: NA	

Time:	Comments:
0820	Arrive onsite don level D PPE.
0845	perform morning tailgate
	mob to GW-15S and GW-15D, establish containment
0919	purge start @ GW-15D
0940	parameters stable, sample collected at GW-15D
0955	purge start at GW-15S
1015	parameters stable sample collected at GW-15S
	mob to GW-17S, establish containment zone
1037	purge start at GW-17S
1100	parameters stable sample collected at GW-17S
	mob to GW-18D, establish containment zone
1214	purge start at GW-18D
1240	parameters stable, sample collected at GW-18D
	mob to GW-19D and GW-19S, establish containment
1308	purge start at GW-19D
1330	parameters stable, sample collected at GW-19D
1348	purge start at GW-19S
1410	parameters stable, sample collected at GW-19S
	~ Approx 30 gal placed in drum
	clean site, mob offsite to Ecology
	MR

Equipment Used:

Contractor Hours (per Person):	Staff / Technician Hours:	Mileage:
Copies To:	Project Manager:	
	Reviewed By:	

ATLAS

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282	Date: 4/5/24	Page of
ATC Representative(s): MR, SL	Project: P66 PDC 2003	
	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: Z0760000087	Task No:
Well ID: GW-10D	Weather: Clear	Temperature: ~100s

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): **Envirotape**	Interface Probe (Model/ID): **NA**
Water Quality Meter (Model/ID): **YSI 556 MPS**	Decontamination Method: **Alconox/DI Water**

Purging Method: ___ PVC Bailer ___ Vacuum Truck X Submersible Pump ___ Peristaltic Pump Other: ___

3 Well Volumes ___ Low Flow X ___ Micro Purge ___ Intake Depth (feet below TOC) 87'

Sampling Method: ___ Teflon Bailer ___ Disposable Bailer X Dedicated Tubing Other: ___

Casing Volume Information					Purging Calculations
Casing Diameter (Circle):	2"	4"	6"	Other	Casing Volumes (CV):
Casing Multiplier (CM)(gallons/foot):	0.16	0.65	1.47		WC ___ x CM ___ = ___ (CV)(gal) x 3.0 CV (gal) = ___ PV

Monitoring Measurements

Depth to LNAPL (feet): /	Total Well Depth (feet): 94.01
Depth to Water (DTW)(feet): 78.29	Water Column (WC)(feet): 16.32
LNAPL Thickness (ft): /	Purging Start Time: 1538

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons) 0.75	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1550	78.34	0.75	17.81	278	<1	7.89	12.26	-51.1	
1553		1.0	17.94	271	<1	7.54	12.40	-53.3	
1556	78.27	1.0	18.02	272	<1	7.38	12.44	-53.9	
1559					<1				

Sample Data

Sample ID: GW-10D	Time of Sample: 1600	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTWm)(feet):	Approximate Flow Rate (GPM):
Recovery Type: X Fast ___ Slow	% Recovery =

Purge Water Disposition (Attach Drum Inventory Log - FLD 106):

Comments:

ATLAS

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ATC Representative(s): MRSL

Project: PVG NOC 2063

Location: Burien, WA

Contact Information: (206) 781-1449

Project No: 207600C093

Task No:

Well ID: GW-13S

Weather: clear

Temperature: 100's

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): **Envirotape**

Interface Probe (Model/ID): **NA**

Water Quality Meter (Model/ID): **YSI 556 MPS**

Decontamination Method: **Alconox/DI Water**

Purging Method: ____ PVC Bailer ____ Vacuum Truck X Submersible Pump ____ Peristaltic Pump Other: ____

3 Well Volumes: ____ Low Flow X ____ Micro Purge ____ Intake Depth (feet below TOC) ____

Sampling Method: ____ Teflon Bailer ____ Disposable Bailer X Dedicated Tubing Other: 89'

Casing Volume Information

Casing Diameter (Circle): 2" 4" 6" Other

Casing Multiplier (CM)(gallons/foot): 0.16 0.65 1.47

Purging Calculations

Casing Volumes (CV):

WC ____ x CM ____ = ____ (CV)(gal) x 3.0 CV (gal) = ____ PV

Monitoring Measurements

Depth to LNAPL (feet): /

Total Well Depth (feet): 49.62

Depth to Water (DTW)(feet): 27.93

Water Column (WC)(feet): 21.69

LNAPL Thickness (ft): /

Purging Start Time: ~~1324~~ 1324

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1337	29.09	1.0	15.70	333	cl	3.23	13.15	-30.2	
1340	29.12	1.25	15.75	328	cl	2.30	12.45	-29.5	
1343	29.15	1.5	15.83	319	cl	2.19	12.37	-30.2	
1346		1.75	15.84	308	cl	2.29	12.33	-30.9	

Sample Data

Sample ID: GW-13S

Time of Sample: 1345

Container Types, Volumes, & Quantities:

6-40ml VOAs

2-250ml PE

Filtered (yes/no)	Preservatives	Analytical Parameters
NO	HCl	Gx, VOCs
NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):

Approximate Flow Rate (GPM):

Recovery Type: X Fast ____ Slow

% Recovery =

Purge Water Disposition (Attach Drum Inventory Log - FLD 108):

Comments:

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ATC Representative(s):

Project: PVE AOC 2063

Location: Burien, WA

Contact Information: (206) 781-1449

Project No: 2076.000087 | Task No:

Well ID: GW-13D

Weather: clear | Temperature: 40

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): **Envirotape** | Interface Probe (Model/ID): **NA**

Water Quality Meter (Model/ID): **YSI 556 MPS** | Decontamination Method: **Alconox/DI Water**

Purging Method: ___ PVC Bailer ___ Vacuum Truck ___X___ Submersible Pump ___ Peristaltic Pump Other: ___

3 Well Volumes ___ Low Flow ___X___ Micro Purge ___ Intake Depth (feet below TOC) 80'

Sampling Method: ___ Teflon Bailer ___ Disposable Bailer ___X___ Dedicated Tubing Other: ___

Casing Volume Information

Casing Diameter (Circle): 2" 4" 6" Other

Casing Multiplier (CM)(gallons/foot): 0.16 0.65 1.47

Purging Calculations

Casing Volumes (CV):

WC ____ x CM ____ = ____ (CV)(gal) x 3.0 CV (gal) = ____ PV

Monitoring Measurements

Depth to LNAPL (feet): /

Depth to Water (DTW)(feet): 75.91

LNAPL Thickness (ft): /

Total Well Depth (feet): 84.09

Water Column (WC)(feet): 8.18

Purging Start Time: 1235

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1246	75.78	1.0	15.39	9	CL	4.89	11.49	-4.6	
1252	75.99	1.5	15.69	319	↓	4.80	11.82	-9.6	
1255	75.99	2.0	16.01	317		4.62	11.91	-11.4	
1259	76.01	2.5	16.23	317	↓	4.42	11.92	-13.0	

Sample Data

Sample ID: GW-13D | Time of Sample: 1300

Container Types, Volumes, & Quantities:	Filtered (yes/no)	Preservatives	Analytical Parameters
6-40ml VOAs	NO	HCl	Gx, VOCs
2-250ml PE	NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet): | Approximate Flow Rate (GPM):

Recovery Type: ___X___ Fast ____ Slow | % Recovery =

Purge Water Disposition (Attach Drum Inventory Log - FLD 108):

Comments:

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ATC Representative(s): MR, MP
Project: PWL AOC 2063
Location: Burien, WA
Contact Information: (206) 781-1449
Project No: 207600087
Task No:

Well ID: GW-145
Weather: clear
Temperature: 60's

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): **Envirotape**
Interface Probe (Model/ID): **NA**
Water Quality Meter (Model/ID): **YSI 556 MPS**
Decontamination Method: **Alconox/DI Water**

Purging Method: ___ PVC Bailer ___ Vacuum Truck X Submersible Pump ___ Peristaltic Pump Other: ___
3 Well Volumes ___ Low Flow X ___ Micro Purge ___ Intake Depth (feet below TOC) 42'
Sampling Method: ___ Teflon Bailer ___ Disposable Bailer X Dedicated Tubing Other: ___

Casing Volume Information

Casing Diameter (Circle): 2" 4" 6" Other
Casing Multiplier (CM)(gallons/foot): 0.16 0.65 1.47

Purging Calculations

Casing Volumes (CV):
WC ___ x CM ___ = ___ (CV)(gal) x 3.0 CV (gal) = ___ PV

Monitoring Measurements

Depth to LNAPL (feet): /
Total Well Depth (feet): 50.01
Depth to Water (DTW)(feet): 33.86
Water Column (WC)(feet): 16.15
LNAPL Thickness (ft): /
Purging Start Time: 1348

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1400	40.47	2.0	16.99	348	Cl	1.24	9.78	25.0	
1403	40.47	2.5	17.44	355	Cl	0.89	9.70	24.6	
1406	40.47	2.75	18.55	360	Cl	0.70	9.61	23.7	
1409	40.47	3.0	18.75	346	Cl	0.44	9.57	23.7	

Sample Data

Sample ID: GW-145
Time of Sample: 1410

Container Types, Volumes, & Quantities:	Filtered (yes/no)	Preservatives	Analytical Parameters
6-40ml VOAs	NO	HCl	Gx, VOCs
2-250ml PE	NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 40.47
Approximate Flow Rate (GPM):
Recovery Type: X Fast ___ Slow
% Recovery =

Purge Water Disposition (Attach Drum Inventory Log - FLD 108):

Comments:

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ATC Representative(s):	Project: PLCC AOC 2063	
	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: 207600000087	Task No:
Well ID: GW-14D	Weather: Clear	Temperature: 4100

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): **Envirotape**	Interface Probe (Model/ID): **NA**
Water Quality Meter (Model/ID): **YSI 556 MPS**	Decontamination Method: **Alconox/DI Water**

Purging Method: ____ PVC Bailer ____ Vacuum Truck X Submersible Pump ____ Peristaltic Pump Other: ____

3 Well Volumes ____ Low Flow X ____ Micro Purge ____ Intake Depth (feet below TOC) 77'

Sampling Method: ____ Teflon Bailer ____ Disposable Bailer X Dedicated Tubing Other: ____

Casing Volume Information					Purging Calculations
Casing Diameter (Circle):	2"	4"	6"	Other	Casing Volumes (CV):
Casing Multiplier (CM)(gallons/foot):	0.16	0.65	1.47		WC ____ x CM ____ = ____ (CV)(gal) x 3.0 CV (gal) = ____ PV

Monitoring Measurements

Depth to LNAPL (feet): /	Total Well Depth (feet): 78.96
Depth to Water (DTW)(feet): 75.44	Water Column (WC)(feet): 3.52
LNAPL Thickness (ft): /	Purging Start Time: 1308

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1320	NA	1.0	17.53	326	cloudy	1.76	9.28	19.4	
1323	NA	1.25	17.86	331	cloudy	1.14	9.48	18.8	
1326	NA	1.5	17.95	333	cloudy	1.12	9.56	18.8	
~~1329~~	~~NA~~		17.95		cloudy				

Sample Data

Sample ID: GW-14D	Time of Sample: 1330	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet): NA	Approximate Flow Rate (GPM):
Recovery Type: X Fast ____ Slow	% Recovery =

Purge Water Disposition (Attach Drum Inventory Log - FLD 108):

Comments: unable to get WL reader past equipment

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ATC Representative(s): MR, MP	Project: NW ADC # 2083	
	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: 207600002.07	Task No:
Well ID: GW-15S	Weather:	Temperature: 60

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): **Envirotape**	Interface Probe (Model/ID): **NA**
Water Quality Meter (Model/ID): **YSI 556 MPS**	Decontamination Method: **Alconox/DI Water**

Purging Method: ____ PVC Bailer ____ Vacuum Truck X Submersible Pump ____ Peristaltic Pump Other: ____

3 Well Volumes ____ Low Flow X ____ Micro Purge ____ Intake Depth (feet below TOC) 36'

Sampling Method: ____ Teflon Bailer ____ Disposable Bailer X Dedicated Tubing Other: ____

Casing Volume Information	Purging Calculations
Casing Diameter (Circle): 2" 4" 6" Other	Casing Volumes (CV):
Casing Multiplier (CM)(gallons/foot): 0.16 0.65 1.47	WC ____ x CM ____ = ____ (CV)(gal) x 3.0 CV (gal) = ____ PV

Monitoring Measurements

Depth to LNAPL (feet): /	Total Well Depth (feet): 46.23
Depth to Water (DTW)(feet): 27.72	Water Column (WC)(feet): 17.51
LNAPL Thickness (ft): /	Purging Start Time: 0955

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1007	29.06	1.0	15.02	385	cl	1.15	10.45	18.3	
1010	29.81	1.25	15.15	337	cl	1.06	10.40	18.0	
1013	29.86	1.5	15.24	389	cl	1.06	10.47	17.9	
1016									

Sample Data

Sample ID: GW-15S	Time of Sample: 1015	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):	Approximate Flow Rate (GPM):
Recovery Type: ____ Fast ____ Slow	% Recovery =

Purge Water Disposition (Attach Drum Inventory Log - FLD 108):

Comments:

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ATC Representative(s): MR, MP	Project: PWG MOC 2023	
	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: [redacted] 70760	Task No:
Well ID: GW-15D		
	Weather: clear	Temperature: 40's

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): **Envirotape**	Interface Probe (Model/ID): **NA**
Water Quality Meter (Model/ID): **YSI 556 MPS**	Decontamination Method: **Alconox/DI Water**

Purging Method: ____ PVC Bailer ____ Vacuum Truck __X__ Submersible Pump ____ Peristaltic Pump Other: ____

3 Well Volumes ____ Low Flow X ____ Micro Purge ____ Intake Depth (feet below TOC) 54'

Sampling Method: ____ Teflon Bailer ____ Disposable Bailer __X__ Dedicated Tubing Other: ____

Casing Volume Information					Purging Calculations
Casing Diameter (Circle):	2"	4"	6"	Other	Casing Volumes (CV):
Casing Multiplier (CM)(gallons/foot):	0.16	0.65	1.47		WC ____ x CM ____ = ____ (CV)(gal) x 3.0 CV (gal) = ____ PV

Monitoring Measurements

Depth to LNAPL (feet):	/	Total Well Depth (feet):	12-39
Depth to Water (DTW)(feet):	49.22	Water Column (WC)(feet):	73.00
LNAPL Thickness (ft):	/	Purging Start Time:	~~0905~~ 0919

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
0930	~~0930~~	50.74	1.25	14.85	245	cloudy	2.87	10.44	18.0	
0933	0933	50.74	1.5	14.92	246		2.42	10.45	18.5	
0936	0936	50.74	1.75	14.51	247		2.26	10.47	18.4	
0939	0939	50.74	2.0	14.94	246		2.20	10.47	18.2	

Sample Data

Sample ID: GW-15D	Time of Sample: 0940	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):	Approximate Flow Rate (GPM):
Recovery Type: ____ Fast ____ Slow	% Recovery =

Purge Water Disposition (Attach Drum Inventory Log - FLD 108):

Comments:

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ATC Representative(s): MR, SL	Project: Pole AOC 2063	
	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: 207600087	Task No:
Well ID: GW-16S	Weather: clear	Temperature: 40

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): **Envirotape**	Interface Probe (Model/ID): **NA**
Water Quality Meter (Model/ID): **YSI 556 MPS**	Decontamination Method: **Alconox/DI Water**

Purging Method: ____ PVC Bailer ____ Vacuum Truck __X__ Submersible Pump ____ Peristaltic Pump Other: ____

3 Well Volumes ____ Low Flow __X__ Micro Purge ____ Intake Depth (feet below TOC) ~~40~~ 44'

Sampling Method: ____ Teflon Bailer ____ Disposable Bailer __X__ Dedicated Tubing Other: ____

Casing Volume Information					Purging Calculations
Casing Diameter (Circle):	2"	4"	6"	Other	Casing Volumes (CV):
Casing Multiplier (CM)(gallons/foot):	0.16	0.65	1.47		WC ____ x CM ____ = ____ (CV)(gal) x 3.0 CV (gal) = ____ PV

Monitoring Measurements

Depth to LNAPL (feet): /	Total Well Depth (feet): 50.15
Depth to Water (DTW)(feet): 37.06	Water Column (WC)(feet): 13.09
LNAPL Thickness (ft): /	Purging Start Time: 1452

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1504	37.92	1.0	16.65	305	<1	6.18	12.67	-31.8	
1507	37.92	1.25	16.24	335	<1	5.87	12.54	-33.3	
1510	38.05	1.5	16.50	333	<1	4.91	12.60	-34.0	
1513	38.09	1.75	17.01	336	<1	4.70	12.58	-35.9	

Sample Data

Sample ID: GW-16S	Time of Sample: 1515	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTWm)(feet):	Approximate Flow Rate (GPM):
Recovery Type: ____ Fast ____ Slow	% Recovery =

Purge Water Disposition (Attach Drum Inventory Log - FLD 108):

Comments:

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ATC Representative(s): MRisL	Project: Pier ADC 2023	
	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: 20760.0008.07	Task No:
Well ID: GW-16D	Weather: clear	Temperature: 41.00

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): **Envirotape**	Interface Probe (Model/ID): **NA**
Water Quality Meter (Model/ID): **YSI 556 MPS**	Decontamination Method: **Alconox/DI Water**

Purging Method: ____ PVC Bailer ____ Vacuum Truck X Submersible Pump ____ Peristaltic Pump Other: ____

3 Well Volumes ____ Low Flow X ____ Micro Purge ____ Intake Depth (feet below TOC) 82'

Sampling Method: ____ Teflon Bailer ____ Disposable Bailer X Dedicated Tubing Other: ____

Casing Volume Information					Purging Calculations
Casing Diameter (Circle):	2"	4"	6"	Other	Casing Volumes (CV):
Casing Multiplier (CM)(gallons/foot):	0.16	0.65	1.47		WC ____ x CM ____ = ____ (CV)(gal) x 3.0 CV (gal) = ____ PV

Monitoring Measurements

Depth to LNAPL (feet): /	Total Well Depth (feet): 85.49
Depth to Water (DTW)(feet): 78.20	Water Column (WC)(feet): 7.29
LNAPL Thickness (ft): /	Purging Start Time: 1412

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1424	78.31	1.0	15.79	221	cl	6.96	12.18	-35.9	
1427			15.99	220	cl	6.97	12.16	-36.2	
1430			16.11	218	cl	6.93	12.17	-36.1	
1433									

Sample Data

Sample ID: GW-16D	Time of Sample: 1430	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):	Approximate Flow Rate (GPM):
Recovery Type: ____ Fast ____ Slow	% Recovery =

Purge Water Disposition (Attach Drum Inventory Log - FLD 108):

Comments:

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ATC Representative(s): MR, [redacted] MP
Project: Pre ROC 2063
Location: Burien, WA

Contact Information: (206) 781-1449
Project No: 20760200.07
Task No:

Well ID: GW-175
Weather: clear
Temperature: 40

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): **Envirotape**
Interface Probe (Model/ID): **NA**

Water Quality Meter (Model/ID): **YSI 556 MPS**
Decontamination Method: **Alconox/DI Water**

Purging Method: ____ PVC Bailer ____ Vacuum Truck __X__ Submersible Pump ____ Peristaltic Pump Other: ____

3 Well Volumes ____ Low Flow X ____ Micro Purge ____ Intake Depth (feet below TOC) 47'

Sampling Method: ____ Teflon Bailer ____ Disposable Bailer __X__ Dedicated Tubing Other: ____

Casing Volume Information

Casing Diameter (Circle)	2"	4"	6"	Other
Casing Multiplier (CM)(gallons/foot)	0.16	0.65	1.47	

Purging Calculations

Casing Volumes (CV):
WC ____ x CM ____ = ____ (CV)(gal) x 3.0 CV (gal) = ____ PV

Monitoring Measurements

Depth to LNAPL (feet): /
Total Well Depth (feet): 50.15
Depth to Water (DTW)(feet): 43.74
Water Column (WC)(feet): 6.41
LNAPL Thickness (ft): /
Purging Start Time: 1037

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1049	45.00	0.25	15.56	407	cl	5.13	10.31	10.6	
1052	45.11	0.5	15.67	409	cl	1.97	10.42	11.0	
1055	45.21	0.8	15.69	410	cl	1.50	10.46	11.3	
1058	45.31	1.0	15.69	410	cl	1.32	10.48	11.7	

Sample Data

Sample ID: GW-175
Time of Sample: 1100

Container Types, Volumes, & Quantities:

	Filtered (yes/no)	Preservatives	Analytical Parameters
6-40ml VOAs	NO	HCl	Gx, VOCs
2-250ml PE	NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):
Approximate Flow Rate (GPM):
Recovery Type: ____ Fast ____ Slow
% Recovery =

Purge Water Disposition (Attach Drum Inventory Log - FLD 108):

Comments:

ATLAS

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282
Date: 6/6/24
Page 1 of 1

ATC Representative(s): MR, MP
Project: Plolo AOC 2063
Location: Parker, WA
Contact Information: (206) 781-1449
Project No: Z0764000087
Task No:

Well ID: GWR-18D
Weather: Clear
Temperature: 4C0

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): **Envirotape**
Interface Probe (Model/ID): **NA**
Water Quality Meter (Model/ID): **YSI 556 MPS**
Decontamination Method: **Alconox/DI Water**
Purging Method: ____ PVC Bailer ____ Vacuum Truck __X__ Submersible Pump ____ Peristaltic Pump Other: ____
3 Well Volumes ____ Low Flow __X__ Micro Purge ____ Intake Depth (feet below TOC) 84'
Sampling Method: ____ Teflon Bailer ____ Disposable Bailer __X__ Dedicated Tubing Other: ____

Casing Volume Information

Casing Diameter (Circle): 2" 4" 6" Other
Casing Multiplier (CM)(gallons/foot): 0.16 0.65 1.47

Purging Calculations

Casing Volumes (CV):
WC ____ x CM ____ = ____ (CV)(gal) x 3.0 CV (gal) = ____ PV

Monitoring Measurements

Depth to LNAPL (feet): /
Total Well Depth (feet): 89.95'
Depth to Water (DTW)(feet): 77.98
Water Column (WC)(feet): 12.97'
LNAPL Thickness (ft): /
Purging Start Time: 1214

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1226	77.96	1.0	17.77	342	cloudy	0.95	10.10	15.0	
1229	77.96	1.25	18.19	345	cloudy	0.85	10.10	14.5	
1232	77.96	1.50	18.09	348	cloudy	0.86	10.11	13.8	
1235									

Sample Data

Sample ID: GWR-18D
Time of Sample: 1240

Container Types, Volumes, & Quantities:	Filtered (yes/no)	Preservatives	Analytical Parameters
6-40ml VOAs	NO	HCl	Gx, VOCs
2-250ml PE	NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):
Approximate Flow Rate (GPM):
Recovery Type: ____ Fast ____ Slow
% Recovery =

Purge Water Disposition (Attach Drum Inventory Log - FLD 108):

Comments: PO

APPENDIX C

DISPOSAL DOCUMENTATION

ACT enviro

Home Office:
967 Mabury Road
San Jose, CA 95133
408 548-5050 P
408 548-5052 F

6212 S 75th Avenue #4
Laveen, AZ 85339

2010 Mission Road
Escondido, CA 92029

24602 Pacific Hwy S
Kent, WA 98032

265 Riggs Avenue
Merced, CA 95341

600 Iowa Street
Redlands, CA 92373

4 Wayne Court, Building 9
Sacramento, CA 95829

13722 Carmenita Road
Santa Fe Springs, CA 90670

6137 Edith Blvd NE
Albuquerque, NM 87107

208 Murray Road SE
Albuquerque, NM 87105

5750 E. 58th Ave, Unit G
Commerce City, CO 80022

511 Highway 213
Chaparral, NM 88081

13600 SE Ambler Road
Clackamas, OR 97015

WORK ORDER

Work Order # 522084 / IA-15830
Proposal #
Date 09/18/24
Acct. Sales Manager Kyle Satterthwaite

Customer Information

Name: **Phillips 66 No. 2701476**
Address: **12660 First Ave South**
Seattle, WA 98168

EPA ID # **WAVSQG**
Main Contact: **Elisabeth Silver 206-491-9754**
Phone:

Secondary Contact:
Phone:

PO # **270146**

Service Request

Description:

~~Please send driver with lift gate and drum dolly to site for 1 x 55-gal Black Metal~~ Closed-Top Drum – located within the fenced area Northwest of the station building. Gate access requires key from station manager. "ATLAS 1Q2024" is written in red wax on the lid. Manifest is pre-signed. Nobody meeting driver at site.

1 - 55 - DM - NON-HAZARDOUS WASTE LIQUID, GROUNDWATER - OR350714
1 - EA - Shipping Charges
1 - EA - Fuel Recovery Cost - All Services

Materials and Equipment

Supplies	New			Reconditioned		
	Metal	Poly	Fiber	Metal	Poly	Fiber
85-gallon overpack						
55-gallon closed top						
55-gallon open top						
30-gallon closed top						
30-gallon open top						
20-gallon closed top						
20-gallon open top						
15-gallon closed top						
15-gallon open top						
10-gallon closed top						
10-gallon open top						
5- gallon closed top						
5- gallon open top						
1- gallon open top						
PIH Packaging						
275-gallon tote						
Cubic Yard Box						
4ft Light Tube Drum						
8ft Light Tube Drum						

Packing Materials	#
Vermiculite, Bag	
Clay Absorbent, Bag	
Bubble Wrap, Roll	
Bubble Wrap Bags, Box	
Drum Liners	
Pallet	
SuperSack	
Radioactive Waste Boxes	
Biological Waste Boxes	
Red Biological Waste Bags	

Personal Protective Equipment	#
Level D	
Level C	
Level B	

Other Materials	#

Services

Disposal Services:

Quantity	Container Size	Profile #/Waste Type	Shipping Document #	Treatment Facility
1	DM 55	OR350714	D640985	CWM

Transportation Services:

Number of Containers	Facility/Destination

Notes:

Labor:	Hours/Regular	Hours/Overtime	Service Provided
Project Manager			
Chemist			
Technician			
Driver			
Other:			

Notes:

Customer Signature: Christopher Johnson Date: 09/18/24
PRINT NAME: Signed on behalf of Generator

ACT enviro

Home Office:
967 Mabury Road
San Jose, CA 95133
408 548-5050 P
408 548-5052 F

6212 S 75th Avenue #4
Laveen, AZ 85339

2010 Mission Road
Escondido, CA 92029

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600 Iowa Street
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WORK ORDER

Work Order # 522084 / IA-15830
Proposal #
Date 09/18/24
Acct. Sales Manager Kyle Satterthwaite

Customer Information

Name: **Phillips 66 No. 2701476**
Address: **12660 First Ave South**
Seattle, WA 98168

EPA ID # **WAVSQG**
Main Contact: **Elisabeth Silver 206-491-9754**
Phone:

Secondary Contact:
Phone:

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30-gallon open top						
20-gallon closed top						
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5- gallon closed top						
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1- gallon open top						
PIH Packaging						
275-gallon tote						
Cubic Yard Box						
4ft Light Tube Drum						
8ft Light Tube Drum						

Packing Materials	#
Vermiculite, Bag	
Clay Absorbent, Bag	
Bubble Wrap, Roll	
Bubble Wrap Bags, Box	
Drum Liners	
Pallet	
SuperSack	
Radioactive Waste Boxes	
Biological Waste Boxes	
Red Biological Waste Bags	

Personal Protective Equipment	#
Level D	
Level C	
Level B	

Other Materials	#

Services

Disposal Services:

Quantity	Container Size	Profile #/Waste Type	Shipping Document #	Treatment Facility
1	DM 55	OR350714	D640985	CWM

Transportation Services:

Number of Containers	Facility/Destination

Notes:

Labor:	Hours/Regular	Hours/Overtime	Service Provided
Project Manager			
Chemist			
Technician			
Driver			
Other:			

Notes:

Customer Signature: Christopher Johnson Date: 09/18/24
PRINT NAME: signed on behalf of Generator

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
WAVSQG	2	888-785-7225	522084/D640985

GENERATOR

5. Generator's Name and Mailing Address

Phillips 66 c/o ATC Group
6347 Seaview Ave NW
Seattle, WA 98107
Generator's Phone: 206-491-9754

Generator's Site Address (if different than mailing address)

Phillips 66 No. 2701476
12660 First Ave South
Seattle, WA 98168

6. Transporter 1 Company Name: Advanced Chemical Transport Inc./DBA ACTenvire — U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name: Chemical Waste Management of the Northwest — U.S. EPA ID Number: ORD089452353

8. Designated Facility Name and Site Address — U.S. EPA ID Number: ORD089452353

Chemical Waste Management of the Northwest
17629 Cedar Springs Lane
Arlington, OR 97812
Facility's Phone: 541-454-2030

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA/Non-DOT Regulated Material Liquid (GROUNDWATER)	1	DM	450	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Project Number 522084 Document #: D640985

1) OR350714 PHC- 1 x 0m 55

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Melody Ryback — Signature — Month: 8 Day: 6 Year: 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Christopher Johnson — Signature — Month: 09 Day: 18 Year: 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY TO GENERATOR