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GROUNDWATER MONITORING REPORT
(Fourth Quarter 2023 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
3900 Kilroy Airport Way, Suite 210
Long Beach, California 90806

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

Atlas Project No. Z076000087
May 7, 2024

Maraley Santos
Staff Scientist

Elisabeth Silver, LG
Senior Project Manager

SITE INFORMATION:

Atlas Contact Person:	Elisabeth Silver, LG
Date of previous sampling event:	09/27-28/2023
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 12/05-06/2023:

Date(s) monitored and/or sampled:	12/05-06/2023
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:	Seven: MW-10D, GW-13S, GW-13D, GW-14S, GW-15S, GW-15D, 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 12/05-06/2023:

Minimum depth to groundwater (feet below top of casing [TOC]):	31.82 (GW-10S – shallow water bearing zone)
Maximum depth to groundwater (feet below TOC):	78.86 (GW-10D – deep water bearing zone)
Average groundwater elevation (feet):	372.17 (shallow water bearing zone – GW-8S, GW-10S, GW-13S, GW-14S, GW-15S, GW-16S, GW-17S, GW-18S, and GWR-18S); 339.38 (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):	-0.12 (shallow water bearing zone) -0.37 (deep water bearing zone)
Approximate groundwater gradient/flow direction:	0.133 feet per foot (ft./ft.) Northwest toward GW-18S, 0.328 ft./ft. and 0.133 ft./ft. West toward GW-17S (shallow water bearing zone); 0.006 ft./ft. West-Northwest to 0.018 ft./ft. South-Southwest (deep water bearing zone)
Previous groundwater gradient/flow direction (12/14-16/2022):	0.470 feet per foot (ft./ft.) East-Northeast toward GWR-18S, 0.328 ft./ft. West, and 0.134 ft./ft. North-Northwest toward GWR-18S (shallow water bearing zone); 0.019 ft./ft. South and 0.005 ft./ft. East (deep water bearing zone)

GROUNDWATER CONDITIONS 12/05-06/2023:

Minimum dissolved phase gasoline-range hydrocarbon concentration excluding "non-detects" (micrograms per liter [µg/L]):	93.7J (GW-15S – shallow water bearing zone)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L):	44,700 (GW-14S – shallow water bearing zone)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L) observed previous sampling event (September 2023):	36,900 (GW-14S – shallow water bearing zone)
Minimum dissolved phase benzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	0.58J (GW-15S – shallow water bearing zone)
Maximum dissolved phase benzene concentration (µg/L):	199 (GW-14D – deep water bearing zone)
Maximum dissolved phase benzene concentration (µg/L) observed previous sampling event (September 2023):	406 (GW-14D – deep water bearing zone)
Minimum dissolved phase toluene concentration excluding "non-detects" (micrograms per liter [µg/L]):	0.24J (GW-10D – deep water bearing zone)
Maximum dissolved phase toluene concentration (µg/L):	2340 (GW-14S – shallow water bearing zone)
Maximum dissolved phase toluene concentration (µg/L) observed previous sampling event (September 2023):	1750 (GW-14S – shallow water bearing zone)
Minimum dissolved phase ethylbenzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	0.90J (GWR-18D – deep water bearing zone)
Maximum dissolved phase ethylbenzene concentration (µg/L):	1580 (GW-14S – shallow water bearing zone)
Maximum dissolved phase ethylbenzene concentration (µg/L) observed previous sampling event (September 2023):	1640 (GW-14S – shallow water bearing zone)
Minimum dissolved phase total xylenes concentration excluding "non-detects" (micrograms per liter [µg/L]):	8.8 (GW-15S – shallow water bearing zone)
Maximum dissolved phase total xylenes concentration (µg/L):	7,020 (GW-14S – shallow water bearing zone)
Maximum dissolved phase total xylenes concentration (µg/L) observed previous sampling event (September 2023):	7230 (GW-14S – shallow water bearing zone)
Minimum total lead concentration excluding "non-detects" (µg/L):	2.9J (GW-14S – shallow water bearing zone)
Maximum total lead concentration (µg/L):	6.9J (GWR-18D – deep water bearing zone)
Maximum total lead concentration (µg/L) observed previous sampling event (September 2023):	All wells sampled were "non-detect
Minimum dissolved lead concentration excluding "non-detects" (µg/L):	2.8J (GW-14S – shallow water bearing zone
Maximum dissolved lead concentration (µg/L):	2.8J (GW-14S – shallow water bearing zone
Maximum dissolved lead concentration (µg/L) observed previous sampling event (September, 2023):	All wells sampled were "non-detect"

ADDITIONAL INFORMATION AND COMMENTS:

Fourth Quarter 2023:

During the December 2023 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 December 2023 groundwater contour map of the shallow water bearing zone. Refer to the attached Figure 2 for the December 2023 groundwater contour map of the deep water bearing zone.

Seven of the eighteen monitoring wells were sampled using low-flow purging methods, including GW-10D, GW-13S, GW-13D, GW-14S, GW-15S, GW-15D, and GWR-18D. Monitoring wells GW-14D, 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 30-gallon drum and stored on site pending removal to an off-site facility.

Shallow Water Bearing Zone:

Within the shallow water bearing zone, three 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 1,510and 44,700 µg/L, respectively. Gasoline range hydrocarbons were detected below the MTCA Method A CUL in GW-15S at a concentration of 93.7J µg/L and were not detected in GW-16S. **Benzene** was detected above the MTCA Method A CUL in GW-14S at a concentration of 199 µg/L. Benzene was detected below the MTCA Method A CUL in GW-13S and GW-15S at concentrations of 2.6 and 0.58J µg/L, respectively. **Toluene** was detected above the MTCA Method A CUL in GW-14S at a concentration of 2,340 µg/L. Toluene was detected below the MTCA Method A CUL in GW-13S and GW-15S at concentrations of 2.5 and 0.53J µg/L, respectively. **Ethylbenzene** was detected above the MTCA Method A CUL in GW-14S at a concentration of 1,580 µg/L. Ethylbenzene was detected below the MTCA Method A CUL in GW-13S and GW-15S at concentrations of 37.8 and 1.1 µg/L, respectively. **Total xylenes** were detected above the MTCA Method A CUL in GW-14S at a concentration of 7,020 µg/L. Total xylenes were detected below the MTCA Method A CUL in GW-13S and GW-15S at concentrations of 44.7 and 8.8 µg/L, respectively. **Total lead** was detected below the MTCA Method A CUL in GW-14S at a concentration of 2.9J µg/L. Total lead was not detected in GW-13S and GW-15S. **Dissolved lead** was detected below the MTCA Method A CUL in GW-14S at a concentration of 2.8J µg/L. Dissolved lead was not detected in GW-13S and GW-15S.

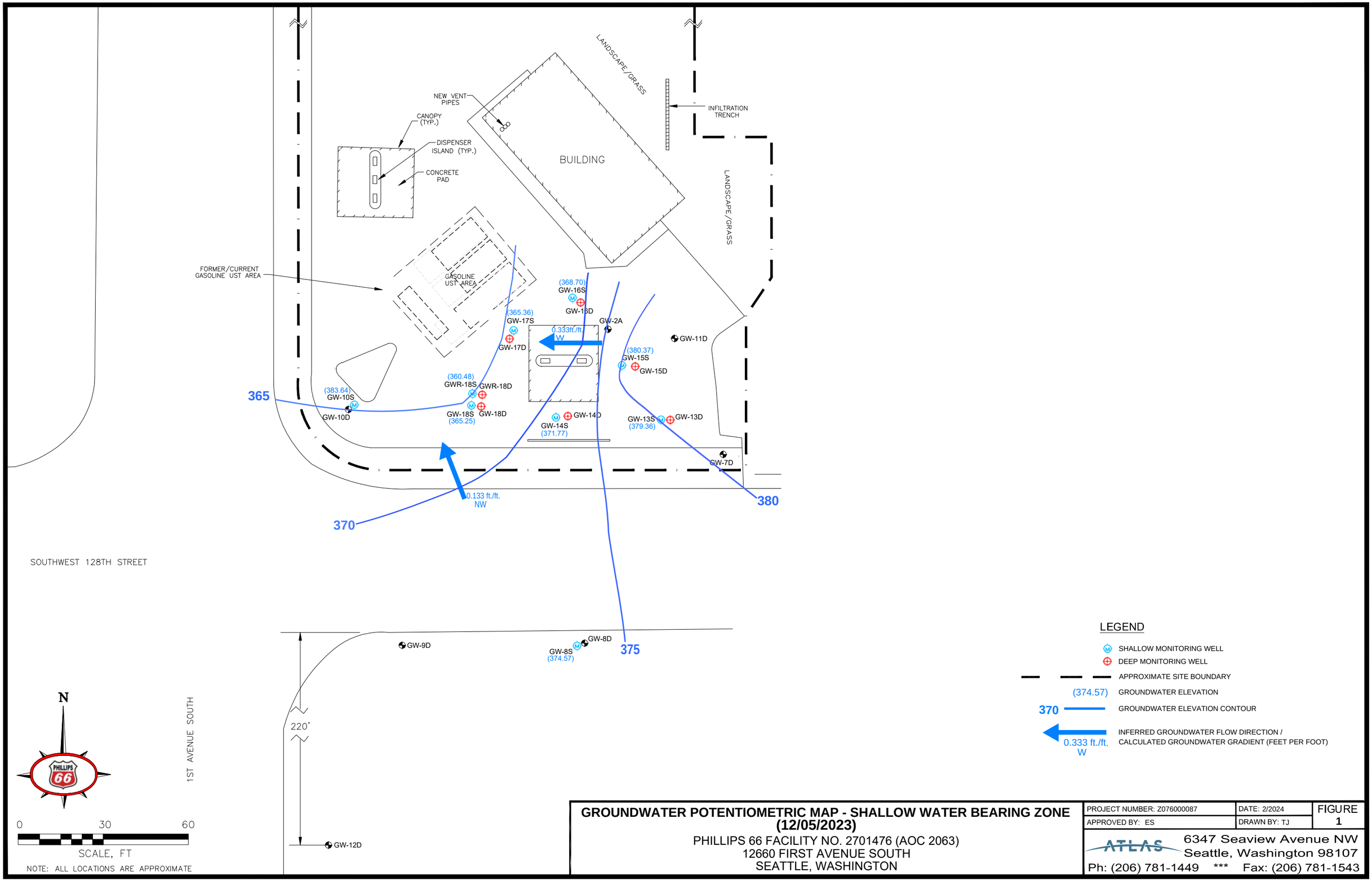
Deep Water Bearing Zone:

Within the deep water bearing zone, four wells were sampled. Based on the analytical results from this event, **gasoline range hydrocarbons** were detected below the MTCA Method A CUL in GWR-18D at a concentration of 739 µg/L and were not detected in the other deep water bearing zone wells sampled. **Benzene** was detected above the MTCA Method A CUL GWR-18D at concentrations of 17.7 µg/L. Benzene was not detected in the other deep water bearing zone wells sampled. **Toluene** was detected below the MTCA Method A CUL in GW-10D and GWR-18D at concentrations of 0.24J and 0.37J µg/L, respectively. Toluene was not detected in the other deep water bearing zone wells sampled. **Ethylbenzene** was detected below the MTCA Method A CUL in GWR-18D at a concentration of 0.90J µg/L. Ethylbenzene was not detected in the other deep water bearing zone wells sampled. **Total xylenes** were not detected in any of the deep water bearing zones sampled. **Total lead** was detected below the MTCA Method A CUL in GW-13D and GWR-18D at concentrations of 3.5J and 6.9J µg/L, respectively. Total lead was not detected in the other deep water bearing zone wells sampled. **Dissolved lead** was not detected in any of the deep water bearing zone wells sampled.

ATTACHMENTS:

Figure 1 Groundwater Potentiometric Map – Shallow Water Bearing Zone (12/05/2023)
Figure 2 Groundwater Potentiometric Map – Deep Water Bearing Zone (12/05/2023)
Figure 3 Groundwater Analytical Results Map (12/05-06/2023)
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
Appendix C Waste Disposal Documentation

FIGURES



LEGEND

- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- APPROXIMATE SITE BOUNDARY
- (374.57) GROUNDWATER ELEVATION
- 370 GROUNDWATER ELEVATION CONTOUR
- 0.333 ft./ft. W — INFERRED GROUNDWATER FLOW DIRECTION / CALCULATED GROUNDWATER GRADIENT (FEET PER FOOT)

GROUNDWATER POTENTIOMETRIC MAP - SHALLOW WATER BEARING ZONE (12/05/2023)

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

PROJECT NUMBER: Z076000087	DATE: 2/2024	FIGURE 1
APPROVED BY: ES	DRAWN BY: TJ	

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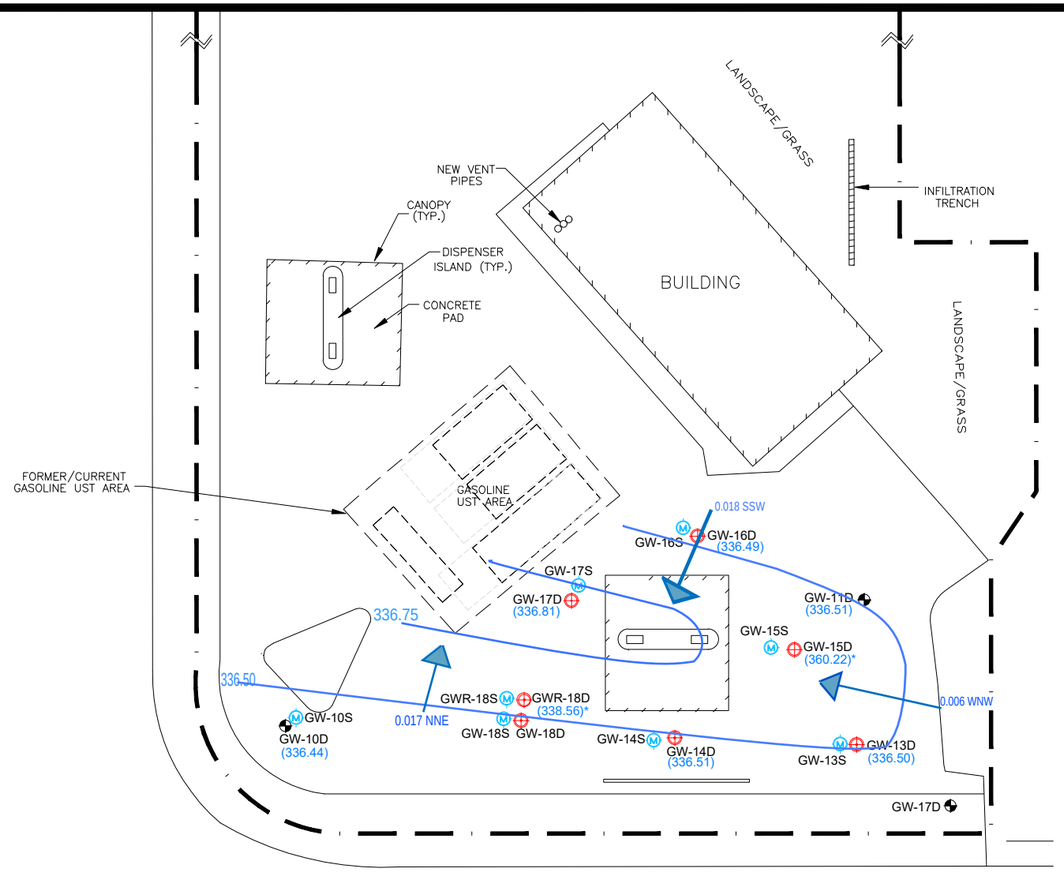
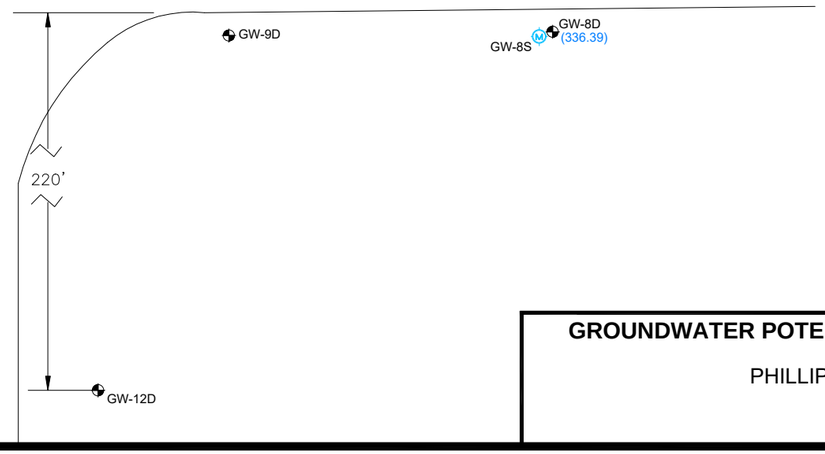


SOUTHWEST 128TH STREET



1ST AVENUE SOUTH

N

0 30 60

SCALE, FT

NOTE: ALL LOCATIONS ARE APPROXIMATE

LEGEND

- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- APPROXIMATE SITE BOUNDARY
- (336.81) GROUNDWATER ELEVATION
- 336.50 GROUNDWATER ELEVATION CONTOUR
- 0.167 ft./ft.WNW INFERRED GROUNDWATER FLOW DIRECTION / CALCULATED GROUNDWATER GRADIENT (FEET PER FOOT)
- (360.22)* GROUNDWATER ELEVATION OMITTED FROM CONTOURING

GROUNDWATER POTENTIOMETRIC MAP - DEEP WATER BEARING ZONE (12/05/2023)

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

PROJECT NUMBER: Z076000087	DATE: 2/2024	FIGURE 2
APPROVED BY: ES	DRAWN BY: TJ	

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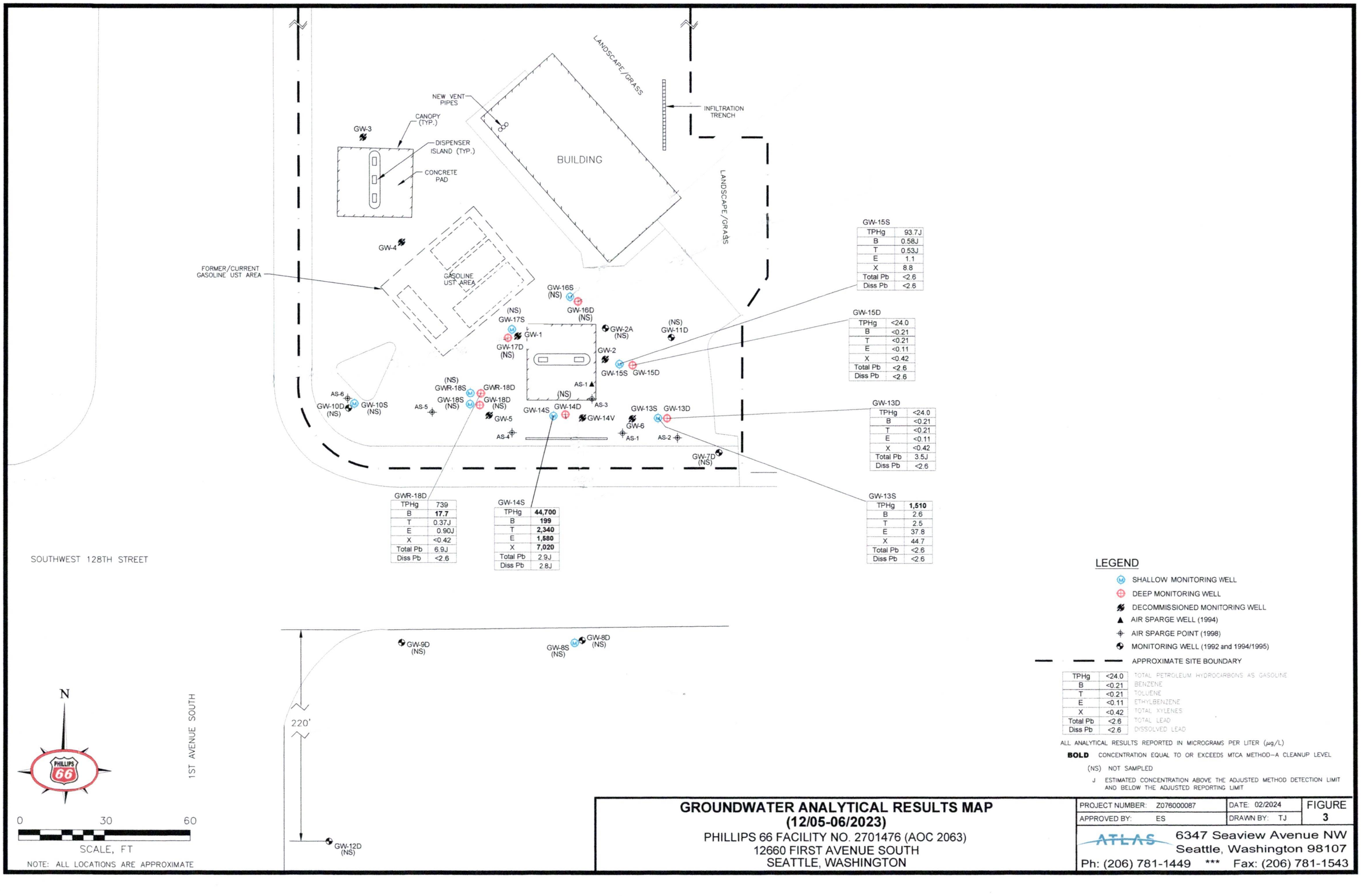

GW-15S

TPHg	93.7J
B	0.58J
T	0.53J
E	1.1
X	8.8
Total Pb	<2.6
Diss Pb	<2.6

GW-15D

TPHg	<24.0
B	<0.21
T	<0.21
E	<0.11
X	<0.42
Total Pb	<2.6
Diss Pb	<2.6

GW-13D

TPHg	<24.0
B	<0.21
T	<0.21
E	<0.11
X	<0.42
Total Pb	3.5J
Diss Pb	<2.6

GW-13S

TPHg	**1,510**
B	2.6
T	2.5
E	37.8
X	44.7
Total Pb	<2.6
Diss Pb	<2.6

GWR-18D

TPHg	739
B	**17.7**
T	0.37J
E	0.90J
X	<0.42
Total Pb	6.9J
Diss Pb	<2.6

GW-14S

TPHg	**44,700**
B	**199**
T	**2,340**
E	**1,580**
X	**7,020**
Total Pb	2.9J
Diss Pb	2.8J

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	<24.0	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	<0.21	BENZENE
T	<0.21	TOLUENE
E	<0.11	ETHYLBENZENE
X	<0.42	TOTAL XYLENES
Total Pb	<2.6	TOTAL LEAD
Diss Pb	<2.6	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 (12/05-06/2023)

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

PROJECT NUMBER: Z076000087		DATE: 02/2024	FIGURE 3
APPROVED BY: ES		DRAWN BY: TJ	

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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**	--	--	--	--	--	--	--	--	--	--	<10.0	--
	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	--	--	--	--	--	--	--	--	--	--

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**
	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
	05/16/01	42.48	0.00	56.84	**83,300**	--	--	--	**4,620**	**8,480**	**1,060**	**10,200**	--	**248**	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--
GW-2	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	--	--	--	--					
(Cont.)	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.																			
	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	--	--	--	--	--	--	--	--	--	--

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**
	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
	09/11/00[NP]	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--
GW-3	11/14/03[NP]	81.59	0.00	21.19	<50.0	--	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
(Cont.)	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.																			
	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.																			

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**
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.																			
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	<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	--	--	--	--	--	--	--	--	--	--

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**
	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.																			
	05/28/99	NM	0.00	NE	Well inaccessible.																			
	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	--	--	--	--	--	--	--	--	--
GW-6	05/16/05	33.23	0.00	65.01	<100	--	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
(Cont.)	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	--	--	--	--	--	--	--	--	--	--

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**
	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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GW-7D	11/03/09	76.58	0.00	335.65	Well gauged only this quarter.																			
(Cont.)	02/08/10	76.79	0.00	335.44	Well gauged only this quarter.																			
	05/03/10	76.13	0.00	336.1	Well gauged only this quarter.																			
	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.																			
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	--	--	--	--	--	--	--	--	--

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**
	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	--	--	--	--	--	--	--	--	--
GW-8D	04/29/15	76.89	0.00	336.90	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
(Cont.)	07/23/15	76.46	0.00	337.33	<100	--	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--	--
	10/15/15	76.91	0.00	336.88	<250	--	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--	--	--	--
	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.																			
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.																			

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**
	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	--	--	--	--	--	--	--	--	--	--	--	--
GW-9D	10/07/16	76.10	0.00	338.43	130	--	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
(Cont.)	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.																			
	06/20/23	25.38	0.00	390.08	Well gauged only this quarter - concentrations historically below cleanup levels.																			
	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.																			
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	--	--	--	--	--	--	--	--	--

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**
	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	--	--	--	--	--	--	--	--	--
GW-10D	03/30/22	78.78	0.00	336.52	<22.2	--	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
(Cont.)	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	--	--	--	--	--	--	--	--	--
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**	--	--	--	--	--	--	--	--	--	--
	04/11/97	74.34	0.00	25.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	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.																			
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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**
	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	--	--	--	--	--	--	--	--	--	--
	11/20/02	66.52	0.00	24.80	<50.0	--	--	--	<0.500	<0.500	<0.500	<1.00	--	1.47	<1.00	--	--	--	--	--	--	--	--	--
	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.																			
GW-12D	02/08/10	66.85	0.00	339.71	Well gauged only this quarter.																			
(Cont.)	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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--

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**
	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	--	--	--	--	--	--	--
GW-13D	03/16/23	76.32	0.00	336.62	62.6J	--	--	--	<0.10	1.4	1.1	4.3	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
(Cont.)	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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
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.																			
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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
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.																			
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**	--	--	--	--	--	--	--

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-16D	09/28/23	78.21	0.00	337.03	<24.0	--	--	--	<0.21	<0.21	<0.11	<0.42	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
(Cont.)	12/05/23	78.75	0.00	336.49	Well gauged only this quarter - concentrations historically below cleanup levels.																			
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.																			
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.																			
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.																			
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.																			
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	--	**--**	--	--	--	--	--	--	--

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

December 19, 2023

Elisabeth Silver
Atlas
6347 Seaview Ave NW
Seattle, WA 98107

RE: Project: P66 Burien
Pace Project No.: 10678167

Dear Elisabeth Silver:

Enclosed are the analytical results for sample(s) received by the laboratory on December 07, 2023. 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,

Jenni Gross

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

Enclosures

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

CERTIFICATIONS

Project: P66 Burien
Pace Project No.: 10678167

Pace Analytical Services, LLC - Minneapolis MN
1700 Elm Street SE, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
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
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

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

SAMPLE SUMMARY

Project: P66 Burien
Pace Project No.: 10678167

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10678167001	**GW-10D**	Water	12/05/23 13:45	12/07/23 08:50
10678167002	**GW-13S**	Water	12/05/23 15:35	12/07/23 08:50
10678167003	**GW-13D**	Water	12/05/23 14:40	12/07/23 08:50
10678167004	**GW-14S**	Water	12/06/23 13:20	12/07/23 08:50
10678167005	**GW-15S**	Water	12/06/23 11:25	12/07/23 08:50
10678167006	**GW-15D**	Water	12/06/23 10:50	12/07/23 08:50
10678167007	**GWR-18D**	Water	12/06/23 09:50	12/07/23 08:50
10678167008	**Trip Blank**	Water	12/06/23 00:00	12/07/23 08:50

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

SAMPLE ANALYTE COUNT

Project: P66 Burien
Pace Project No.: 10678167

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10678167001	**GW-10D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 8260D	PAB	7	PASI-M
10678167002	**GW-13S**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 8260D	PAB	7	PASI-M
10678167003	**GW-13D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 8260D	PAB	7	PASI-M
10678167004	**GW-14S**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 8260D	PAB	7	PASI-M
10678167005	**GW-15S**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 8260D	PAB	7	PASI-M
10678167006	**GW-15D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 8260D	PAB	7	PASI-M
10678167007	**GWR-18D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 8260D	PAB	7	PASI-M
10678167008	**Trip Blank**	NWTPH-Gx	TM2	2	PASI-M
		EPA 8260D	PAB	7	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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

ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10678167

Sample: GW-10D **Lab ID: 10678167001** Collected: 12/05/23 13:45 Received: 12/07/23 08:50 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		12/11/23 17:42		
Surrogates									
a,a,a-Trifluorotoluene (S)	109	%.	50-150		1		12/11/23 17:42	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.6**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:00	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.6**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:38	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		12/08/23 14:25	71-43-2	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		12/08/23 14:25	100-41-4	
Toluene	**0.24J**	ug/L	1.0	0.21	1		12/08/23 14:25	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		12/08/23 14:25	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%.	75-125		1		12/08/23 14:25	2199-69-1	
4-Bromofluorobenzene (S)	104	%.	75-125		1		12/08/23 14:25	460-00-4	
Toluene-d8 (S)	100	%.	75-125		1		12/08/23 14:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10678167

Sample: GW-13S **Lab ID: 10678167002** Collected: 12/05/23 15:35 Received: 12/07/23 08:50 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	**1510**	ug/L	100	24.0	1		12/11/23 17:58		
Surrogates									
a,a,a-Trifluorotoluene (S)	109	%.	50-150		1		12/11/23 17:58	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.6**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:08	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.6**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:46	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**2.6**	ug/L	1.0	0.21	1		12/08/23 14:40	71-43-2	
Ethylbenzene	**37.8**	ug/L	1.0	0.11	1		12/08/23 14:40	100-41-4	
Toluene	**2.5**	ug/L	1.0	0.21	1		12/08/23 14:40	108-88-3	
Xylene (Total)	**44.7**	ug/L	3.0	0.42	1		12/08/23 14:40	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	100	%.	75-125		1		12/08/23 14:40	2199-69-1	
4-Bromofluorobenzene (S)	106	%.	75-125		1		12/08/23 14:40	460-00-4	
Toluene-d8 (S)	102	%.	75-125		1		12/08/23 14:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10678167

Sample: GW-13D **Lab ID: 10678167003** Collected: 12/05/23 14:40 Received: 12/07/23 08:50 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		12/11/23 18:14		
Surrogates									
a,a,a-Trifluorotoluene (S)	108	%.	50-150		1		12/11/23 18:14	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	2.6	1	12/11/23 10:29	12/12/23 11:10	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.6**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:47	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		12/08/23 14:55	71-43-2	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		12/08/23 14:55	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		12/08/23 14:55	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		12/08/23 14:55	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%.	75-125		1		12/08/23 14:55	2199-69-1	
4-Bromofluorobenzene (S)	102	%.	75-125		1		12/08/23 14:55	460-00-4	
Toluene-d8 (S)	101	%.	75-125		1		12/08/23 14:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10678167

Sample: GW-14S **Lab ID: 10678167004** Collected: 12/06/23 13:20 Received: 12/07/23 08:50 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	**44700**	ug/L	1000	240	10		12/11/23 18:30		
Surrogates									
a,a,a-Trifluorotoluene (S)	110	%.	50-150		10		12/11/23 18:30	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**2.9J**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:12	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**2.8J**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:49	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**199**	ug/L	10.0	2.1	10		12/08/23 18:24	71-43-2	
Ethylbenzene	**1580**	ug/L	10.0	1.1	10		12/08/23 18:24	100-41-4	
Toluene	**2340**	ug/L	20.0	4.1	20		12/11/23 14:18	108-88-3	
Xylene (Total)	**7020**	ug/L	60.0	8.4	20		12/11/23 14:18	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	100	%.	75-125		10		12/08/23 18:24	2199-69-1	
4-Bromofluorobenzene (S)	108	%.	75-125		10		12/08/23 18:24	460-00-4	
Toluene-d8 (S)	103	%.	75-125		10		12/08/23 18:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10678167

Sample: GW-15S **Lab ID: 10678167005** Collected: 12/06/23 11:25 Received: 12/07/23 08:50 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	**93.7J**	ug/L	100	24.0	1		12/11/23 19:02		
Surrogates									
a,a,a-Trifluorotoluene (S)	107	%.	50-150		1		12/11/23 19:02	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.6**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:17	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.6**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:54	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**0.58J**	ug/L	1.0	0.21	1		12/08/23 15:10	71-43-2	
Ethylbenzene	**1.1**	ug/L	1.0	0.11	1		12/08/23 15:10	100-41-4	
Toluene	**0.53J**	ug/L	1.0	0.21	1		12/08/23 15:10	108-88-3	
Xylene (Total)	**8.8**	ug/L	3.0	0.42	1		12/08/23 15:10	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%.	75-125		1		12/08/23 15:10	2199-69-1	
4-Bromofluorobenzene (S)	102	%.	75-125		1		12/08/23 15:10	460-00-4	
Toluene-d8 (S)	99	%.	75-125		1		12/08/23 15:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10678167

Sample: GW-15D **Lab ID: 10678167006** Collected: 12/06/23 10:50 Received: 12/07/23 08:50 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		12/11/23 19:18		
Surrogates									
a,a,a-Trifluorotoluene (S)	106	%.	50-150		1		12/11/23 19:18	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**<2.6**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:19	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.6**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:56	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		12/08/23 15:25	71-43-2	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		12/08/23 15:25	100-41-4	
Toluene	**<0.21**	ug/L	1.0	0.21	1		12/08/23 15:25	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		12/08/23 15:25	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%.	75-125		1		12/08/23 15:25	2199-69-1	
4-Bromofluorobenzene (S)	102	%.	75-125		1		12/08/23 15:25	460-00-4	
Toluene-d8 (S)	100	%.	75-125		1		12/08/23 15:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10678167

Sample: GWR-18D **Lab ID: 10678167007** Collected: 12/06/23 09:50 Received: 12/07/23 08:50 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	**739**	ug/L	100	24.0	1		12/11/23 19:34		
Surrogates									
a,a,a-Trifluorotoluene (S)	109	%.	50-150		1		12/11/23 19:34	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**6.9J**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:20	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**<2.6**	ug/L	10.0	2.6	1	12/11/23 10:29	12/12/23 11:57	7439-92-1	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**17.7**	ug/L	1.0	0.21	1		12/08/23 15:40	71-43-2	
Ethylbenzene	**0.90J**	ug/L	1.0	0.11	1		12/08/23 15:40	100-41-4	
Toluene	**0.37J**	ug/L	1.0	0.21	1		12/08/23 15:40	108-88-3	
Xylene (Total)	**<0.42**	ug/L	3.0	0.42	1		12/08/23 15:40	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	99	%.	75-125		1		12/08/23 15:40	2199-69-1	
4-Bromofluorobenzene (S)	103	%.	75-125		1		12/08/23 15:40	460-00-4	
Toluene-d8 (S)	100	%.	75-125		1		12/08/23 15:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P66 Burien
Pace Project No.: 10678167

Sample: Trip Blank **Lab ID: 10678167008** Collected: 12/06/23 00:00 Received: 12/07/23 08:50 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		12/11/23 19:50		
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%.	50-150		1		12/11/23 19:50	98-08-8	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.21**	ug/L	1.0	0.21	1		12/08/23 13:40	71-43-2	
Ethylbenzene	**0.18J**	ug/L	1.0	0.11	1		12/08/23 13:40	100-41-4	
Toluene	**3.7**	ug/L	1.0	0.21	1		12/08/23 13:40	108-88-3	
Xylene (Total)	**0.62J**	ug/L	3.0	0.42	1		12/08/23 13:40	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	103	%.	75-125		1		12/08/23 13:40	2199-69-1	
4-Bromofluorobenzene (S)	103	%.	75-125		1		12/08/23 13:40	460-00-4	
Toluene-d8 (S)	100	%.	75-125		1		12/08/23 13:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: P66 Burien
Pace Project No.: 10678167

QC Batch: 922838
QC Batch Method: NWTPH-Gx
Analysis Method: NWTPH-Gx
Analysis Description: NWTPH-Gx Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10678167001, 10678167002, 10678167003, 10678167004, 10678167005, 10678167006, 10678167007, 10678167008

METHOD BLANK: 4848815 Matrix: Water
Associated Lab Samples: 10678167001, 10678167002, 10678167003, 10678167004, 10678167005, 10678167006, 10678167007, 10678167008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH as Gas	ug/L	<24.0	100	24.0	12/11/23 17:26	
a,a,a-Trifluorotoluene (S)	%.	110	50-150		12/11/23 17:26	

LABORATORY CONTROL SAMPLE & LCSD: 4848817 4848818

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	803	907	80	91	68-125	12	20	
a,a,a-Trifluorotoluene (S)	%.				115	105	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4848820 4848821

Parameter	Units	10678318001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	ug/L	ND	1000	1000	788	795	79	80	57-132	1	30	
a,a,a-Trifluorotoluene (S)	%.						104	104	50-150			

SAMPLE DUPLICATE: 4848819

Parameter	Units	10678167004 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	44700	43000	4	30	
a,a,a-Trifluorotoluene (S)	%.	110	108			

SAMPLE DUPLICATE: 4848822

Parameter	Units	10678318004 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	<24.0		30	
a,a,a-Trifluorotoluene (S)	%.	102	100			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: P66 Burien
Pace Project No.: 10678167

QC Batch: 922624
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10678167001, 10678167002, 10678167003, 10678167004, 10678167005, 10678167006, 10678167007

METHOD BLANK: 4848184 Matrix: Water
Associated Lab Samples: 10678167001, 10678167002, 10678167003, 10678167004, 10678167005, 10678167006, 10678167007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	<2.6	10.0	2.6	12/12/23 10:57	

LABORATORY CONTROL SAMPLE: 4848185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1000	1000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4848186 4848187

Parameter	Units	10678167001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	<2.6	1000	1000	982	991	98	99	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: P66 Burien
Pace Project No.: 10678167

QC Batch: 922623
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D Water Dissolved
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10678167001, 10678167002, 10678167003, 10678167004, 10678167005, 10678167006, 10678167007

METHOD BLANK: 4848180 Matrix: Water
Associated Lab Samples: 10678167001, 10678167002, 10678167003, 10678167004, 10678167005, 10678167006, 10678167007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead, Dissolved	ug/L	<2.6	10.0	2.6	12/12/23 11:34	

LABORATORY CONTROL SAMPLE: 4848181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead, Dissolved	ug/L	1000	968	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4848182 4848183

Parameter	Units	10678167001 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	<2.6	1000	1000	1000	1000	100	100	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.: 10678167

QC Batch: 922473
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV UST-WATER
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10678167001, 10678167002, 10678167003, 10678167004, 10678167005, 10678167006, 10678167007, 10678167008

METHOD BLANK: 4847291 Matrix: Water
Associated Lab Samples: 10678167001, 10678167002, 10678167003, 10678167004, 10678167005, 10678167006, 10678167007, 10678167008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.21	1.0	0.21	12/08/23 13:19	
Ethylbenzene	ug/L	<0.11	1.0	0.11	12/08/23 13:19	
Toluene	ug/L	<0.21	1.0	0.21	12/08/23 13:19	
Xylene (Total)	ug/L	<0.42	3.0	0.42	12/08/23 13:19	
1,2-Dichlorobenzene-d4 (S)	%.	98	75-125		12/08/23 13:19	
4-Bromofluorobenzene (S)	%.	102	75-125		12/08/23 13:19	
Toluene-d8 (S)	%.	100	75-125		12/08/23 13:19	

LABORATORY CONTROL SAMPLE & LCSD: 4847292 4847293

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	ug/L	20	18.0	18.7	90	94	75-125	4	20	
Ethylbenzene	ug/L	20	19.4	19.2	97	96	75-125	1	20	
Toluene	ug/L	20	19.0	19.5	95	98	74-125	3	20	
Xylene (Total)	ug/L	60	58.4	59.2	97	99	75-125	1	20	
1,2-Dichlorobenzene-d4 (S)	%.				99	99	75-125			
4-Bromofluorobenzene (S)	%.				105	106	75-125			
Toluene-d8 (S)	%.				102	101	75-125			

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.: 10678167

QC Batch: 922793
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV UST-WATER
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10678167004

METHOD BLANK: 4848652 Matrix: Water
Associated Lab Samples: 10678167004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Toluene	ug/L	<0.21	1.0	0.21	12/11/23 13:11	
Xylene (Total)	ug/L	<0.42	3.0	0.42	12/11/23 13:11	
1,2-Dichlorobenzene-d4 (S)	%.	102	75-125		12/11/23 13:11	
4-Bromofluorobenzene (S)	%.	103	75-125		12/11/23 13:11	
Toluene-d8 (S)	%.	99	75-125		12/11/23 13:11	

LABORATORY CONTROL SAMPLE & LCSD: 4848653 4848654

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Toluene	ug/L	20	19.8	19.4	99	97	74-125	2	20	
Xylene (Total)	ug/L	60	60.2	60.5	100	101	75-125	0	20	
1,2-Dichlorobenzene-d4 (S)	%.				104	101	75-125			
4-Bromofluorobenzene (S)	%.				105	103	75-125			
Toluene-d8 (S)	%.				102	101	75-125			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: P66 Burien
Pace Project No.: 10678167

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: 922473

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

Batch: 922793

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

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.: 10678167

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10678167001	**GW-10D**	NWTPH-Gx	922838		
10678167002	**GW-13S**	NWTPH-Gx	922838		
10678167003	**GW-13D**	NWTPH-Gx	922838		
10678167004	**GW-14S**	NWTPH-Gx	922838		
10678167005	**GW-15S**	NWTPH-Gx	922838		
10678167006	**GW-15D**	NWTPH-Gx	922838		
10678167007	**GWR-18D**	NWTPH-Gx	922838		
10678167008	**Trip Blank**	NWTPH-Gx	922838		
10678167001	**GW-10D**	EPA 3010A	922624	EPA 6010D	922924
10678167002	**GW-13S**	EPA 3010A	922624	EPA 6010D	922924
10678167003	**GW-13D**	EPA 3010A	922624	EPA 6010D	922924
10678167004	**GW-14S**	EPA 3010A	922624	EPA 6010D	922924
10678167005	**GW-15S**	EPA 3010A	922624	EPA 6010D	922924
10678167006	**GW-15D**	EPA 3010A	922624	EPA 6010D	922924
10678167007	**GWR-18D**	EPA 3010A	922624	EPA 6010D	922924
10678167001	**GW-10D**	EPA 3010A	922623	EPA 6010D	922922
10678167002	**GW-13S**	EPA 3010A	922623	EPA 6010D	922922
10678167003	**GW-13D**	EPA 3010A	922623	EPA 6010D	922922
10678167004	**GW-14S**	EPA 3010A	922623	EPA 6010D	922922
10678167005	**GW-15S**	EPA 3010A	922623	EPA 6010D	922922
10678167006	**GW-15D**	EPA 3010A	922623	EPA 6010D	922922
10678167007	**GWR-18D**	EPA 3010A	922623	EPA 6010D	922922
10678167001	**GW-10D**	EPA 8260D	922473		
10678167002	**GW-13S**	EPA 8260D	922473		
10678167003	**GW-13D**	EPA 8260D	922473		
10678167004	**GW-14S**	EPA 8260D	922473		
10678167004	**GW-14S**	EPA 8260D	922793		
10678167005	**GW-15S**	EPA 8260D	922473		
10678167006	**GW-15D**	EPA 8260D	922473		
10678167007	**GWR-18D**	EPA 8260D	922473		
10678167008	**Trip Blank**	EPA 8260D	922473		

WO# : 10678167

10678167

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Doc

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

Section A — Required Client Information:

Company:	ATC Group Services LLC
Address:	6347 Seaview Ave NW
	Seattle, WA 98107
Email:	elisabeth.silver@atcgs.com
Phone:	(206)781-1449 Fax:
Requested Due Date:	*Standard 5-7*

Section B — Required Project Information:

Report To:	Elisabeth Silver
Copy To:	
Purchase Order #:	
Project Name:	P66 Burien
Project #:	

Section C — Invoice Information:

Attention:	Elisabeth Silver
Company Name:	ATC Group Services LLC
Address:	6347 Seaview Ave NW, Seattle, WA 98107
Pace Quote:	
Pace Project Manager:	jennifer.gross@pacelabs.com,
Pace Profile #:	*39765 / 2*

Regulatory Agency

State / Location: WA

Requested Analysis Filtered (Y/N)

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE 2023	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	BTEX by 8260	NWTPH-Gx	Total Lead	Dissolved Lead (Field Filtered)	Residual Chlorine (Y/N)	
1	GW-10D	GW	G	12/5	1345				8			2	U						X	X	X	X		001
2	GW-13S			12/5	1450				8			2	U						X	X	X	X		002
3	GW-13D			12/5	1535				8			2	U						X	X	X	X		003
4	GW-14S			12/6	1320				8			2	U						X	X	X	X		004
5	GW-14D			12/6	1210				8			2	U						X	X	X	X		unable to sample GW-14D
6	GW-15S			12/6	1125				8			2	U						X	X	X	X		005
7	GW-15D			12/6	1050				8			2	U						X	X	X	X		006
8	GWR-18D			12/6	0950				8			2	U						X	X	X	X		007
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
				Nick V/Pace	12/7/23	9:30	2.4/2.2	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Isabella Ancona

SIGNATURE of SAMPLER: Isabella A

DATE Signed: 12/6/23

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Sample Condition Upon Receipt

Client Name: ATC Group

Project #: WO#: 10678167
PM: JMG Due Date: 12/14/23
CLIENT: ATC_WA

Courier: ☑ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial

Tracking Number: 5923 7749 7135 7146 ☑ See Exceptions 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 Wrap ☑ Bubble Bags ☐ None ☐ Other **Temp Blank?** ☑ Yes ☐ No

Thermometer: ☐ T1 (0461) ☐ T2 (0436) ☑ T3 (0459) ☐ T4 (0402) ☐ T5 (0178) ☐ T6 (0235) ☐ T7 (0042) ☐ T8 (0775) ☐ T9(0727) ☐ 01339252/1710 **Type of Ice:** ☑ Wet ☐ Blue ☐ Dry ☐ None ☐ Melted

Did Samples Originate in West Virginia? ☐ Yes ☑ No **Were All Container Temps Taken?** ☐ Yes ☐ No ☑ N/A

Temp should be above freezing to 6 °C **Cooler temp Read w/Temp Blank:** 2.3, 5.1 °C

Correction Factor: +0.1 **Cooler Temp Corrected w/temp blank:** 2.4, 5.2 °C

Average Corrected Temp (no temp blank only): ____ °C ☐ See Exceptions ENV-FRM-MIN4-0142 ☐ 1 Container

USDA Regulated Soil: (☑ N/A, water sample/other: _____)

Date/Initials of Person Examining Contents: NEVM 12/7/23

Did samples originate in a quarantine zone within the United States: AL, AR, AZ CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

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

Location (Check one): ☐ Duluth ☑ Minneapolis ☐ Virginia				**COMMENTS**
Chain of Custody Present and Filled Out?	☑ Yes	☐ No		1.
Chain of Custody Relinquished?	☐ Yes	☑ No		2.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	3.
Samples Arrived within Hold Time?	☑ Yes	☐ No		4. If fecal: ☐ <8 hrs ☐ >8 hr, <24 ☐ No
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No		5. ☐ Fecal Coliform ☐ HPC ☐ Total Coliform/E.coli ☐ BOD/cBOD ☐ Hex Chrom ☐ Turbidity ☐ Nitrate ☐ Nitrite ☐ Orthophos ☐ Other
Rush Turn Around Time Requested?	☐ Yes	☑ No		6.
Sufficient Sample Volume?	☑ Yes	☐ No		7.
Correct Containers Used? -Pace Containers Used?	☑ Yes ☑ Yes	☐ No ☐ No	☐ N/A	8.
Containers Intact?	☑ Yes	☐ No		9.
Field Filtered Volume Received for Dissolved Tests?	☑ Yes	☐ No	☐ N/A	10. Is sediment visible in the dissolved container? ☐ Yes ☑ No
Is sufficient information available to reconcile the samples to the COC? Matrix: ☑ Water ☐ Soil ☐ Oil ☐ Other	☑ Yes	☐ No		11. **If no, write ID/Date/Time of container below:** ☑ See Exceptions ENV-FRM-MIN4-0142
All containers needing acid/base preservation have been checked?	☑ Yes	☐ No	☐ N/A	12. Sample # 1-7:2/2
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO3, H2SO4, <2pH, NaOH >9 Sulfide, NaOH>10 Cyanide)	☑ Yes	☐ No	☐ N/A	☐ NaOH ☑ HNO3 ☐ H2SO4 ☐ Zinc Acetate
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxins/PFAS (*If adding preservative to a container, it must be added to associated field and equipment blanks--verify with PM first.)	☑ Yes	☐ No	☐ N/A	Positive for Residual Chlorine? ☐ Yes ☐ No ☐ See Exceptions ENV-FRM-MIN4-0142
				pH Paper Lot #
				Residual Chlorine: 0-6 Roll 213923 / 0-6 Strip / 0-14 Strip
Headspace in Methyl Mercury Container?	☐ Yes	☐ No	☑ N/A	13.
Extra labels present on soil VOA or WIDRO containers?	☐ Yes	☐ No	☑ N/A	14. ☐ See Exceptions ENV-FRM-MIN4-0142
Headspace in VOA Vials (greater than 6mm)?	☐ Yes	☑ No	☐ N/A	
3 Trip Blanks Present?	☑ Yes	☐ No	☐ N/A	15. TB
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	Pace Trip Blank Lot # (if purchased): 476304

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

Person Contacted: Elisabeth Silver, Melody Ryback Date/Time: 12/7/23

Comments/Resolution: Sample GW-13S collected 15:35; sample GW-13D collected 14:50; Nitric is for GWR-18D.

Project Manager Review: Jenni Gross **Date:** 12/7/23

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

Labeled By: NEVM **Line:** 1

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-MIN4-0142 v02_Sample Condition Upon Receipt (SCUR) Exception Form
	Effective Date: 09/22/2022

Workorder #: 10678167 (JMG 12/7/23)

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

Out of Temp Sample ID	Container Type	# of Containers

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?		Initials
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	

Comments: NEVM 12/7/23
~~Containers for GW-18D labeled as GW-18S~~. Time on GW-13S containers is 1975. Time on GW-13D containers is 1490. BP3F for GW-18D labeled as GW-18S.

APPENDIX B

FIELD REPORTS / GROUNDWATER GAUGING AND SAMPLING LOGS

ATLAS

Field Report

FLD-100
Revision 1.0
6/1/2016

ATC Branch: Seattle - 10282	Date: 12/5/23	Page 1 of 3
ATC Representative(s): IA, MR	Project: PWL ADC 20163	
Role: Staff Scientists	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: 20760000086	Task No: --
Scope of Work:	Weather: Rainy	Temperature: ↓50's
___ Monitoring ___ Assessment __ Remediation ___ Closure	Contractor: NA	

Time:	Comments:
	Arrive onsite, don level D PPE, perform morning tailgate
	gauge All monitoring wells
	well ID / DTW / TD /
	GW-8S 39.20 /
	GW-8D 77.38 /
	GW-10S 31.82 /
	GW-10D 78.80 95.07
	GW-11D 78.07 /
	GW-13S 33.77 50.33
	GW-13D 76.44 85.90
	GW-14S 42.01 49.99
	GW-14D 77.21 80.35
	GW-15S 33.69 45.95
	GW-15D 53.79 74.27
	GW-16S 46.74 /
	GW-16D 78.75 /
	GW-17S 47.48 /
	GW-17D 78.26 /
	GWR-18S 54.00
	GWR-18D 75.00 91.43
1250	MOD to GW-10S & GW10D, establish containment zone
1326	purge start at GW-10D
1345	parameters stable, sample collected @ GW-10D *

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: 12/5/23	Page 2 of 3
ATC Representative(s): IA, MR	Project: PUG ADC 2023	
Role: Staff scientists	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: 20760.000.010	Task No: --
Scope of Work: X Monitoring ___ Assessment __ Remediation ___ Closure	Weather: RAINY	Temperature: 45°s
	Contractor: NA	

Time:	Comments:
1405	mob to GW-13S and GW-13D, establish containment
1427	purge start @ GW-13D
1450	parameters stable, sample collected @ GW-13D *
1510	purge start @ GW-13S
1535	parameters stable, sample collected @ GW-13S *

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: 12/6/23	Page 3 of 3
ATC Representative(s): IA, MR	Project: PWD ADC 2063	
Role: Staff Scientists	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: 20760000 86	Task No: --
Scope of Work:	Weather: ar, 22°F & overcast	Temperature: ↓ 50's
X Monitoring ___ Assessment __ Remediation ___ Closure	Contractor: NA	

Time:	Comments:	
0835	Arrive onsite, don level D PPE, perform tailgate	
0838	mob to GW-185D & GWR-185D	
	*Gauged GW-185D GWR-185 - Both under ½' of water column	
	and are unable to be sampled.	
0927	purge start @ GWR-180	
0950	parameters stable, sample collected @ GWR-180	*
1010	mob to GW-155/D, establish containment	
1034	purge start at GW-150	
1050	parameters stable, sample collected @ GW-150	*
1107	purge start @ GW-155	
1125	parameters stable, sample collected @ GW-155	*
1232	mob to GW-145 and GW-140, establish containment zone	
1239	purge start @ GW-140 - Attempt purge start	
1251	unable to sample GW-140, well effectively dry	*
~~parameters stable, sample collected @ GW-140~~		
1257	purge start @ GW-145	
~~purge start @ GW-145~~		
1320	parameters stable, sample collected @ GW-145	*
	clean up onsite.	

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

ATLAS

Monitor Well Gauging Log

FLD-102
Revision 0.0
Jul-08

ATC Branch: Seattle - 10282

Date: 12/5-6/23

Page 1 of 2

ATC Representative(s): ID, MR

Project: PIER ADA 2063

Location: Burien, WA

Contact Information: (206) 781-1449

Project No: 207600006

Task No:

Weather: Rainy

Temperature: ~50'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-8S	2"	1110	1120	/	39.20	/	/	gauge only
	GW-8D		1114	1117	/	77.38	/	/	gauge only
	GW-10S		1258	1304	/	31.82	/	/	gauge only
*	GW-10D		1258	1305	/	78.86	/	95.07	
	GW-11D		1009	1011	/	78.07	/	/	gauge only
*	GW-13S		1017	1021	/	33.77	/	50.33	
*	GW-13D		1015	1019	/	7644	/	85.90	
o	GW-14S		1028	1031	/	42.01	/	49.99	strong DO
o	GW-14D		1026	1029	/	77.21	/	80.35	strong DO
o	GW-15S		1037	1043	/	33.09	/	45.95	
o	GW-15D		1035	1039	/	53.79	/	74.27	
	GW-16S		1048	1052	/	46.74	/	/	gauge only
	GW-16D		1047	1050	/	78.75	/	/	gauge only
	GW-17S		1057	1101	/	49.48	/	/	gauge only
	GW-17D	↓	1050	1058	/	78.26	/	/	gauge only

Comments:

All wells gauged 12/5/23

o = wells sampled 12/6/23

* = wells sampled 12/5/23

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: 12/5-6/2023	Page 2 of 2
ATC Representative(s): MR, IA	Project: PL66 ADC 2023	
	Location: Burien, WA	
Contact Information: (206) 781-1449	Project No: Z076000086	Task No:
	Weather: Rainy	Temperature: 50'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)
*	GWR-18S	2"	0859	0905	/	53.96	/	54.60	unable to sample effectively dry
o	GWR-18D	↓	1105	1110	/	75.66	/	91.43	
*	GW-18S	↓	0901	0907	/	49.06	/	49.80	unable to sample effectively dry
o	~~GW-18D~~	↓	Not ~~Sample~~ Gauged						

Comments:

* unable to sample GW-18S or GWR-18S due to water flow on 12/5/23 property. Water continually filled well casing making it impossible to remove water from well chamber.
* opened 12/6/23
o well gauged 12/5/23 & sampled 12/6/23

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

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282
Date: 12/5/23
Page 1 of 1

ATC Representative(s): IA, MR
Project: P66 AOC 2063
Location: Burien
Contact Information: (206) 781-1449
Project No: 207600087
Task No: —

Well ID: GW-10D
Weather: Rain
Temperature: 50'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) ~88'
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): 95.07
Depth to Water (DTW)(feet): 78.86
Water Column (WC)(feet): 16.21
LNAPL Thickness (ft): —
Purging Start Time: 1326

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
1336	78.97	0.75	14.30	261	CL	7.11	10.55	-8.9	
1339	78.97	1.25	14.83	262	CL	7.18	10.56	-10.1	
1342	78.97	1.50	14.82	261	CL	7.47	10.46	-10.6	

Sample Data

Sample ID: GW-10D
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): 78.97
Approximate Flow Rate (GPM): 0.066 / ~250 mL/min
Recovery Type: X Fast ____ Slow
% Recovery = 100

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: 12/5/23	Page 1 of 1
ATC Representative(s): IA, MR	Project: P66 AOC 2063	
	Location: Burien	
Contact Information: (206) 781-1449	Project No: 2076000087	Task No: —
Well ID: GW-13S		
	Weather: Rain	Temperature: 50'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) ~43'

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): 50.33
Depth to Water (DTW)(feet): 33.77	Water Column (WC)(feet): 16.56
LNAPL Thickness (ft): —	Purging Start Time: 1510

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
1520	35.68	1.75	14.47	236	CL	2.06	10.98	-18.1	
1523	35.73	2.00	14.41	230	CL	2.32	10.87	-17.8	
1526	35.78	2.25	14.40	221	CL	3.00	10.79	-17.7	
1529	35.86	2.50	14.51	219	CL	3.30	10.78	-17.9	
1532	35.88	2.75	14.35	221	CL	3.23	10.72	-17.7	

Sample Data

Sample ID: GW-13S	Time of Sample: 1535	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): 35.88	Approximate Flow Rate (GPM): 0.092 / ~350 mL/min
Recovery Type: X Fast ____ Slow	% Recovery = 100

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

Comments: PO in purge water

ATLAS

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282
Date: 12/5/23
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ATC Representative(s): IA, MR
Project: P66 AOC 2063
Location: Burien

Contact Information: (206) 781-1449
Project No: 207600087
Task No: —

Well ID: GW-13D
Weather: Rain
Temperature: 50'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) ~81'

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): 85.90
Depth to Water (DTW)(feet): 76.44
Water Column (WC)(feet): 9.46
LNAPL Thickness (ft): —
Purging Start Time: 1427

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
1437	76.64	2.00	13.97	260	CLOUDY	5.56	11.43	-8.2	
1440	76.61	2.50	14.55	262	CLOUDY	5.70	11.30	-11.5	
1443	76.64	3.00	14.36	259	CLOUDX	5.66	11.20	-12.3	
1446	76.64	3.50	14.34	257	CLOUDY	5.33	11.13	-13.2	

Sample Data

Sample ID: GW-13D
Time of Sample: 1450

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 (DTWm)(feet): 76.64
Approximate Flow Rate (GPM): 0.092 / ~350 mL/min
Recovery Type: X Fast ____ Slow
% Recovery = 100

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

Comments:

ATLAS

Monitoring Well Purging and Sampling Log

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Revision 1.0
Jul-08

ATC Branch: Seattle - 10282
Date: 12/6/23
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ATC Representative(s): IA, MR
Project: P66 AOC 2063
Location: Burien

Contact Information: (206) 781-1449
Project No: 2076000087
Task No: —

Well ID: GW-14S
Weather: Overcast
Temperature: 50'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) ~46'

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): 49.99
Depth to Water (DTW)(feet): 42.01
Water Column (WC)(feet): 7.98
LNAPL Thickness (ft): —
Purging Start Time: 1257

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
1307	43.37	1.25	14.97	275	CL	1.00	12.03	-19.1	
1310	43.67	1.50	15.17	283	CL	0.84	11.93	-19.7	
1313	44.09	1.75	14.93	285	CL	0.79	11.85	-20.2	
1316	44.64	2.00	14.90	285	CL	0.77	11.75	-20.5	

Sample Data

Sample ID: GW-14S
Time of Sample: 1320

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): 44.64
Approximate Flow Rate (GPM): 0.079 / ~300 mL/min

Recovery Type: X Fast ____ Slow
% Recovery = 100

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

Comments: V. strong PO in purge water

ATLAS

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282	Date: 12/6/23	Page 1 of 1
ATC Representative(s): IA, MR	Project: P66 AOC 2063	
	Location: Burien	
Contact Information: (206) 781-1449	Project No: 2076000087	Task No: —
Well ID: GW-15S	Weather: Overcast	Temperature: 50'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) ~40'

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): 45.95
Depth to Water (DTW)(feet): 33.69	Water Column (WC)(feet): 12.26
LNAPL Thickness (ft): —	Purging Start Time: 1107

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
1117	34.86	1.00	14.74	290	CL	0.96	11.15	-14.4	
1120	35.00	1.25	14.96	290	CL	0.94	11.09	-15.2	
1123	35.11	1.50	14.92	291	CL	0.94	11.02	-15.5	

Sample Data

Sample ID: GW-15S	Time of Sample: 1125	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:		NO	HCl	Gx, VOCs
6-40ml VOAs		NO/Lab Filtered	HNO3	Pb, Dissolved Pb
2-250ml PE				

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet): 35.11	Approximate Flow Rate (GPM): 0.092 / ~350 ml/min
Recovery Type: X Fast ____ Slow	% Recovery = 100

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

Comments:

Monitoring Well Purging and Sampling Log

ATLAS

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Revision 1.0
Jul-08

ATC Branch: Seattle - 10282	Date: 12/6/23	Page 1 of 1
ATC Representative(s): IA, MR	Project: PGG AOC 2063	
	Location: Burien	
Contact Information: (206) 781-1449	Project No: 2076000087	Task No: —
Well ID: GW-15D		
	Weather: Overcast	Temperature: 50'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) ~ 63'

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): 74.27
Depth to Water (DTW)(feet): 53.79	Water Column (WC)(feet): 20.48
LNAPL Thickness (ft): —	Purging Start Time: 1034

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
1044	54.82	1.00	14.16	218	SEMI-CLOUDY	3.52	11.14	-16.4	
1047	54.59	1.25	14.25	217	↓	3.52	11.05	-16.4	
1050	54.33	1.50	14.49	216	↓	3.51	10.99	-16.6	

Sample Data

Sample ID: GW-15D	Time of Sample: 1050	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): 54.82	Approximate Flow Rate (GPM): 0.079 / ~ 300 mL/min
Recovery Type: X Fast ____ Slow	% Recovery = 100

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: 12/6/23 | Page 1 of 1

ATC Representative(s): IA, MR | Project: P66 AOC 2063 | Location: Burien

Contact Information: (206) 781-1449 | Project No: 2076000087 | Task No: —

Well ID: GWR-18D | Weather: Overcast | Temperature: 50'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) ~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): 91.43

Depth to Water (DTW)(feet): 75.66 | Water Column (WC)(feet): 15.77

LNAPL Thickness (ft): — | Purging Start Time: 0927

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU TURBID	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
0937	78.58	1.50	14.46	258	CLOUDY	1.29	12.26	-17.6	
0940	78.48	1.75	14.64	261	CLOUDY	1.16	12.07	-18.3	
0943	78.53	2.00	14.83	259	↓CLOUDY	1.10	11.98	-18.4	
0946	78.49	2.25	14.88	261	↓	1.01	11.88	-18.6	

Sample Data

Sample ID: GWR-18D | Time of Sample: 0950

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): 78.58 | Approximate Flow Rate (GPM): 0.092 / ~350 ml/min

Recovery Type: X Fast ____ Slow | % Recovery = 100

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

Comments:

ATLAS

Drum Inventory Log

FLD-108
Revision 0.0
Jul-08

ATC Branch: Seattle - 10282
Date: 12/5-6/23
Page 1 of 1

ATC Representative(s): IA, MR
Project: Pilot MDC 20603

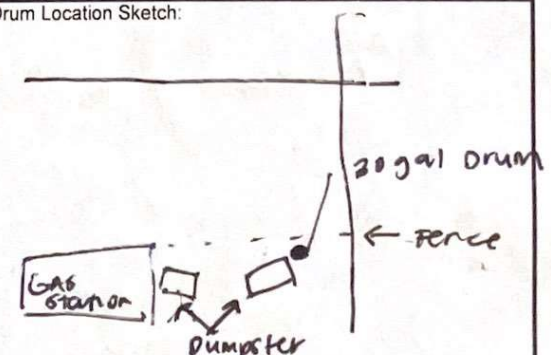
Contact Information: (206) 781-1449
Location: Burien, WA

Scope of Work:
X Monitoring ___ Assessment ___ Remediation ___ Closure
Project No: Z0716000003
Task No:

Drum ID	Source ID(s)	Type of Material (Soil / Sludge / Water)	Quantity of Material in Drum	Date Waste Generated
Atlas 4Q23	GW-105-GWR-18D	GW-Purge	~ 25 gal	12/5/6/23

Comments:
* GATE CODE: 5467 *

Drum Location Sketch:



Photographs (Y/N)

Date Drum Pickup Scheduled: TBD
# of Drums From This Event: 1

Verified Pick up: TBD
Total # of Drums at Site: 1

APPENDIX C

WASTE DISPOSAL DOCUMENTATION