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GROUNDWATER MONITORING REPORT
(Third Quarter 2022 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:
Eli Gurian
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
January 18, 2023

Isabella Ancona
Staff Scientist

Elisabeth Silver, LG
Senior Project Manager

SITE INFORMATION:

Atlas Contact Person:	Elisabeth Silver, LG
Date of previous sampling event:	06/27-30/2022
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 09/20-21/2022:

Date(s) monitored and/or sampled:	09/20-21/2022
Wells monitored:	Eighteen: GW-8S, GW-8D, GW-10S, GW-10D, GW-11D, GW-13S, GW-13D, GW-14S, GW-14D, GW-14V, GW-15S, GW-15D, GW-16S, GW-16D,GW-17S, GW-17D, GWR-18S, and GWR-18D
Wells sampled:	Nine: GW-10D, GW-13S, GW-13D, GW-14S, GW-14D, GW-14V, 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 09/20-21/2022:

Minimum depth to groundwater (feet below top of casing [TOC]):	32.54 (GW-10S – shallow water bearing zone)
Maximum depth to groundwater (feet below TOC):	77.51 (GW-10D – deep water bearing zone)
Average groundwater elevation (feet):	374.58 (shallow water bearing zone – GW-8S, GW-10S, GW-13S, GW-14S, GW-15S, GW-16S, GW-17S, and GWR-18S); 340.68 (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):	-2.29 (shallow water bearing zone); -0.44 (deep water bearing zone)
Approximate groundwater gradient/flow direction:	0.529 feet per foot (ft./ft.) East-Northeast toward well GWR-18S, 0.321 ft./ft. West-Southwest toward well GWR-18S (shallow water bearing zone); 0.019 ft./ft. West, 0.020 ft./ft. North-Northwest, and 0.033 ft./ft. East-Northeast (deep water bearing zone)
Previous groundwater gradient/flow direction (06/27-30/2022):	0.150 ft./ft. radially North, 0.330 ft./ft. Southwest toward well GWR-18S, and 0.698 ft./ft. East toward well GWR-18S (shallow water bearing zone); 0.021 ft./ft. radially East (deep water bearing zone)

GROUNDWATER CONDITIONS 09/20-21/2022:

Minimum dissolved phase gasoline-range hydrocarbon concentration excluding "non-detects" (micrograms per liter [µg/L]):	40.6J (GW-10D – deep water bearing zone)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L):	49,800 (GW-14S – shallow water bearing zone)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L) observed previous sampling event (June, 2022):	21,800 (GW-14S – shallow water bearing zone)
Minimum dissolved phase benzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	1.5 (GW-15S – shallow water bearing zone)
Maximum dissolved phase benzene concentration (µg/L):	147 (GW-14D – deep water bearing zone)
Maximum dissolved phase benzene concentration (µg/L) observed previous sampling event (June, 2022):	598 (GW-14D – deep water bearing zone)
Minimum dissolved phase toluene concentration excluding "non-detects" (micrograms per liter [µg/L]):	0.13J (GW-13D – deep water bearing zone)
Maximum dissolved phase toluene concentration (µg/L):	2,520 (GW-14S – shallow water bearing zone)
Maximum dissolved phase toluene concentration (µg/L) observed previous sampling event (June, 2022):	715 (GW-14S – shallow water bearing zone)
Minimum dissolved phase ethylbenzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	0.14J (GW-10D – deep water bearing zone)
Maximum dissolved phase ethylbenzene concentration (µg/L):	2,060 (GW-14S – shallow water bearing zone)
Maximum dissolved phase ethylbenzene concentration (µg/L) observed previous sampling event (June, 2022):	1,040 (GW-14S – shallow water bearing zone)
Minimum dissolved phase total xylenes concentration excluding "non-detects" (micrograms per liter [µg/L]):	0.52J (GW-10D – deep water bearing zone)
Maximum dissolved phase total xylenes concentration (µg/L):	9,160 (GW-14S – shallow water bearing zone)
Maximum dissolved phase total xylenes concentration (µg/L) observed previous sampling event (June, 2022):	3,930 (GW-14S – shallow water bearing zone)
Minimum total lead concentration excluding "non-detects" (µg/L):	All other wells sampled were "non-detect"
Maximum total lead concentration (µg/L):	2.7J (GWR-14V – vertical delineation well)
Maximum total lead concentration (µg/L) observed previous sampling event (June, 2022):	5.0J (GWR-18D – deep water bearing zone)
Minimum dissolved lead concentration excluding "non-detects" (µg/L):	All other wells sampled were "non-detect"
Maximum dissolved lead concentration (µg/L):	3.6J (GW-14S – shallow water bearing zone)
Maximum dissolved lead concentration (µg/L) observed previous sampling event (June, 2022):	5.3J (GW-13D – deep water bearing zone)

ADDITIONAL INFORMATION AND COMMENTS:

Third Quarter 2022:

During the September 2022 groundwater monitoring and sampling event, 18 monitoring wells were monitored, including GW-8S, GW-8D, GW-10S, GW-10D, GW-11D, GW-13S, GW-13D, GW-14S, GW-14D, GW-14V, GW-15S, GW-15D, GW-16S, GW-16D, GW-17S, GW-17D, GWR-18S, and GWR-18D. Nine of those monitoring wells were sampled and analyzed, including GW-10D, GW-13S, GW-13D, GW-14S, GW-14D, GW-14V, GW-15S, GW-15D, and GWR-18D. Monitoring well GWR-18S was effectively dry and did not have sufficient water to sample. All wells sampled were analyzed for the presence of chloroform, in addition to the normal analyses. Refer to the attached Table 1 for a summary of groundwater gauging and sampling data from the June 2022 event. Purge water and equipment decontamination water was collected in a 16-gallon drum and stored on site.

Shallow Water Bearing Zone:

Within the shallow water bearing zone, three wells were sampled during the September 2022 event. Gasoline-range hydrocarbons were detected above the Model Toxics Control Act (MTCA) Method A Cleanup Level (CUL) in GW-13S at a concentration of 2,210 µg/L and GW-14S at a concentration of 49,800 µg/L. Gasoline-range hydrocarbons were detected below the MTCA Method A CUL in GW-15S at a concentration of 740 µg/L. Benzene was detected above the MTCA Method A CUL in GW-13S at a concentration of 6.3 µg/L and in GW-14S at a concentration of 96.3 µg/L. Benzene was detected below the MTCA Method A CUL in GW-15S at a concentration of 1.5 µg/L. Toluene was detected above the MTCA Method A CUL in GW-14S at a concentration of 2,520 µg/L. Toluene was detected below the MTCA Method A CUL in GW-13S at a concentration of 3.6 µg/L and GW-15S at a concentration of 3.0 µg/L. Ethylbenzene was detected above the MTCA Method A CUL in GW-14S at a concentration of 2,060 µg/L. Ethylbenzene was detected below the MTCA Method A CUL in GW-13S at a concentration of 45.7 µg/L and in GW-15S at a concentration of 23.2 µg/L. Total xylenes were detected above the MTCA Method A CUL in GW-14S at a concentration of 9,160 µg/L. Total xylenes were detected below the MTCA Method A CUL in GW-13S at a concentration of 88.4 µg/L and in GW-15S at a concentration of 69.7 µg/L. Total lead was not detected in any of the shallow water bearing zone wells sampled. Dissolved lead was detected below the MTCA Method A CUL in GW-14S at a concentration of 3.6J µg/L. Dissolved lead was not detected in any other shallow water bearing zone wells detected. Chloroform was detected above the MTCA Method A CUL as a "non-detect" in GW-14S at a concentration of <5.8 µg/L. Chloroform was not detected above CUL in the other shallow water bearing zone wells sampled.

Deep Water Bearing Zone:

Within the deep water bearing zone, five wells were sampled during the September 2022 event. Gasoline-range hydrocarbons were detected above the MTCA Method A CUL in GW-14D at a concentration of 2,310 µg/L and in GWR-18D at a concentration of 2,530 µg/L. Gasoline-range hydrocarbons were detected below the MTCA Method A CUL in GW-10D, GW-13D, and GW-15D at concentrations of 40.6J µg/L, 147 µg/L, and 47.1J µg/L, respectively. Benzene was detected above the MTCA Method A CUL in GW-14D at a concentration of 147 µg/L and in GWR-18D at a concentration of 34.2 µg/L. Benzene was not detected in any other deep water bearing zone wells sampled. Toluene was detected below the MTCA Method A CUL in GW-10D, GW-13D, GW-14D, and GWR-18D at concentrations of 0.14J µg/L, 0.13J µg/L, 32.3 µg/L, and 0.97J µg/L, respectively. Toluene was not detected in GW-15D. Ethylbenzene was detected below the MTCA Method A CUL in GW-10D, GW-13D, GW-14D, GW-15D, and GWR-18D at concentrations of 0.14J µg/L, 0.26J µg/L, 54.4 µg/L, 0.16J µg/L, and 24.7 µg/L, respectively. Total xylenes were detected below the MTCA Method A CUL in GW-10D, GW-13D, GW-14D, GW-15D, and GWR-18D at concentrations of 0.52J µg/L, 0.88J µg/L, 257 µg/L, 0.56J µg/L, and 19.6 µg/L, respectively. Total xylenes were not detected in any other deep water bearing zone wells sampled. Total lead was detected below the MTCA Method A CUL in GW-13D at a concentration of 4.5J µg/L and in GWR-18D at a concentration of 5.0J µg/L. Total and dissolved lead were not detected in any of the deep water bearing zone wells sampled. Chloroform was detected below the MTCA Method A CUL in GW-10D at a concentration of 0.54J µg/L and in GW-14D at a concentration of 0.28J µg/L. Chloroform was not detected in any other deep water bearing zone wells sampled.

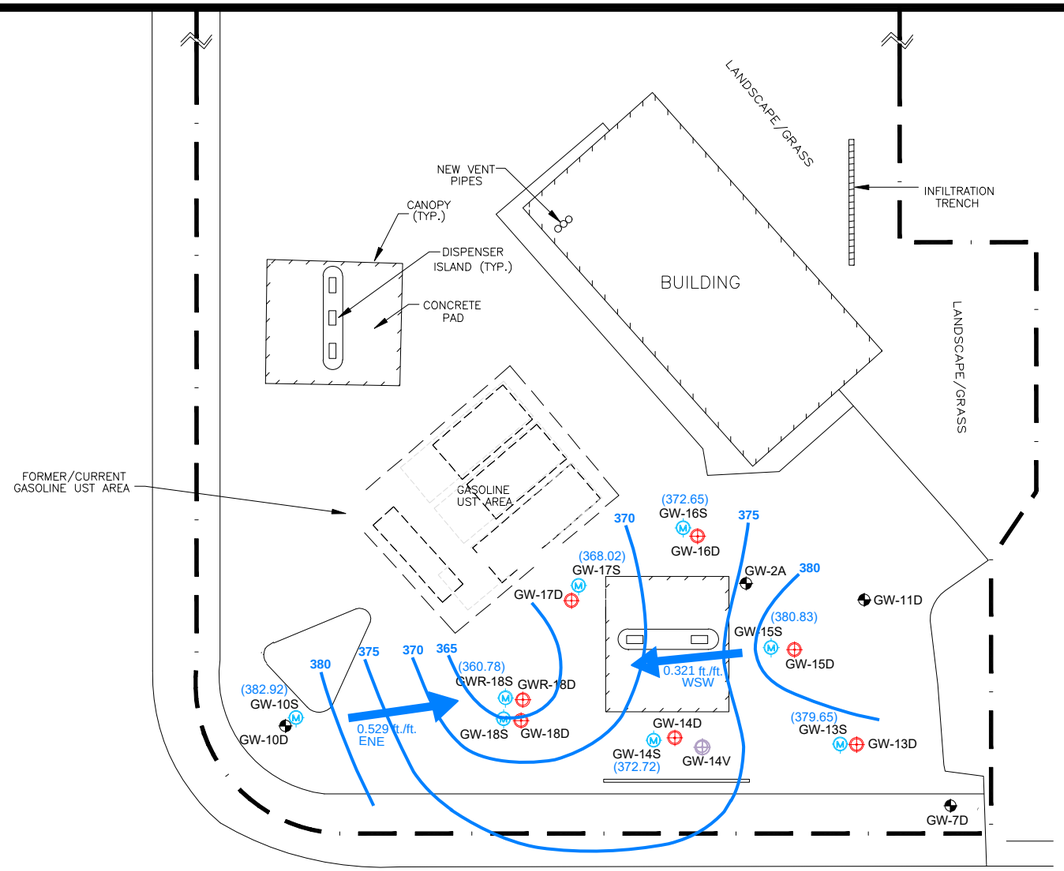
Vertical Delineation Well:

Based on the analytical results, gasoline-range hydrocarbons, toluene, ethylbenzene, total xylenes, and total lead were detected below the MTCA Method A CUL in GW-14V at concentrations of 280 µg/L, 0.24J µg/L, 2.6 µg/L, 12.7 µg/L, and 2.7J µg/L, respectively. Benzene, dissolved lead, and chloroform were not detected in GW-14V.

ATTACHMENTS:

Figure 1 Groundwater Potentiometric Map – Shallow Water Bearing Zone (09/20/2022)
Figure 2 Groundwater Potentiometric Map – Deep Water Bearing Zone (09/20//2022)
Figure 3 Groundwater Analytical Results Map (09/20-21/2022)
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

- VERTICAL DELINEATION WELL
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- APPROXIMATE SITE BOUNDARY
- 382.92 GROUNDWATER ELEVATION
- 380 GROUNDWATER ELEVATION CONTOUR
- 0.529 ft.ft. WNW INFERRED GROUNDWATER FLOW DIRECTION / CALCULATED GROUNDWATER GRADIENT (FEET PER FOOT)

GROUNDWATER POTENTIOMETRIC MAP - SHALLOW WATER BEARING ZONE (09/20/2022)

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

PROJECT NUMBER: Z076000087	DATE: 10/2022	FIGURE 1
APPROVED BY: ES	DRAWN BY: IA	

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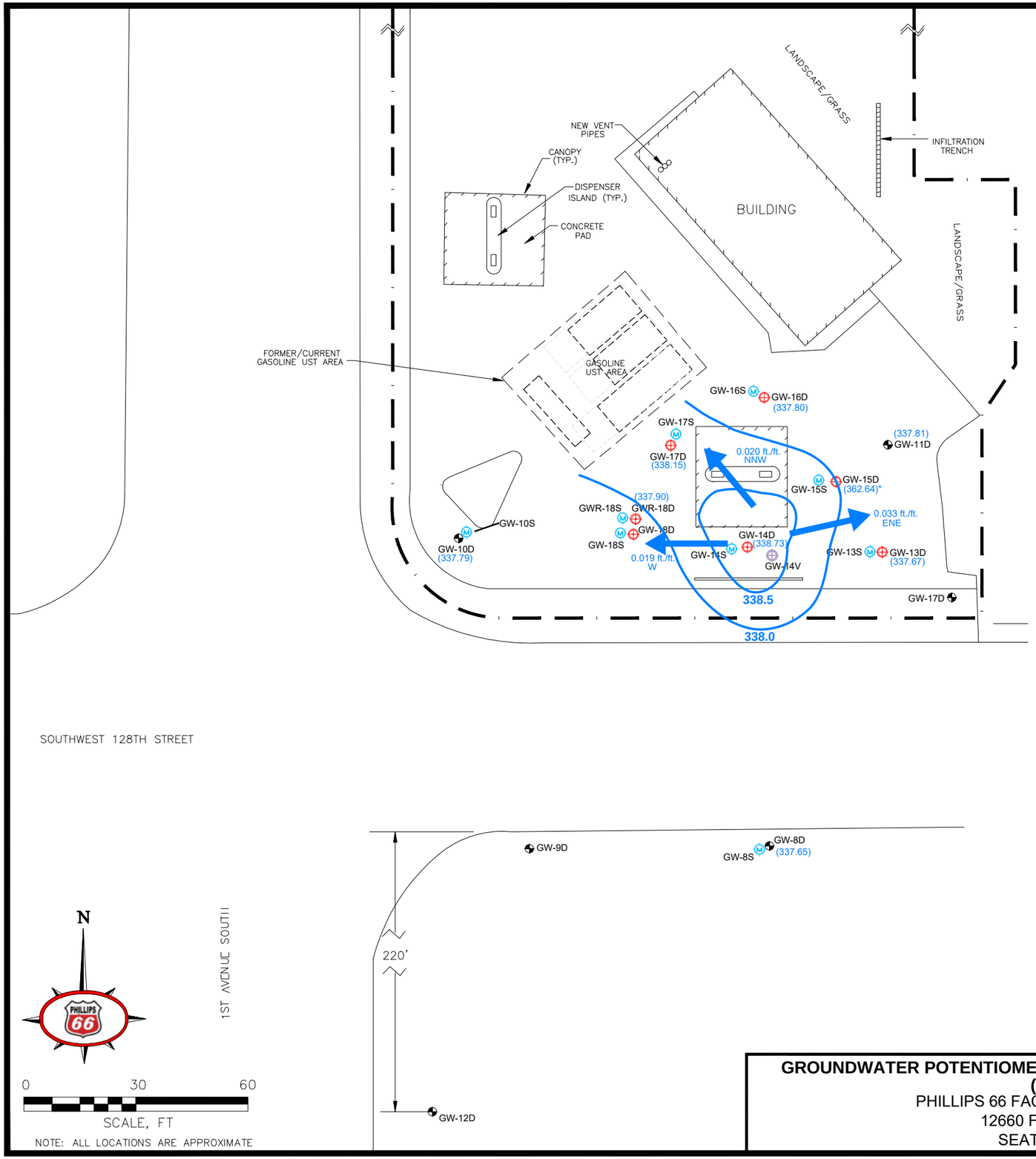

LEGEND

- VERTICAL DELINEATION WELL
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- APPROXIMATE SITE BOUNDARY
- (337.80) GROUNDWATER ELEVATION
- 338 GROUNDWATER ELEVATION CONTOUR
- 0.020 ft./ft. NNW — INFERRED GROUNDWATER FLOW DIRECTION CALCULATED GROUNDWATER GRADIENT (FEET PER FOOT)
- (362.64)* GROUNDWATER ELEVATION OMITTED FROM CONTOURING

GROUNDWATER POTENTIOMETRIC MAP - DEEP WATER BEARING ZONE (09/20/2022)

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

PROJECT NUMBER: Z076000087	DATE: 10/2022	FIGURE 2
APPROVED BY: ES	DRAWN BY: IA	

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Seattle, Washington 98107
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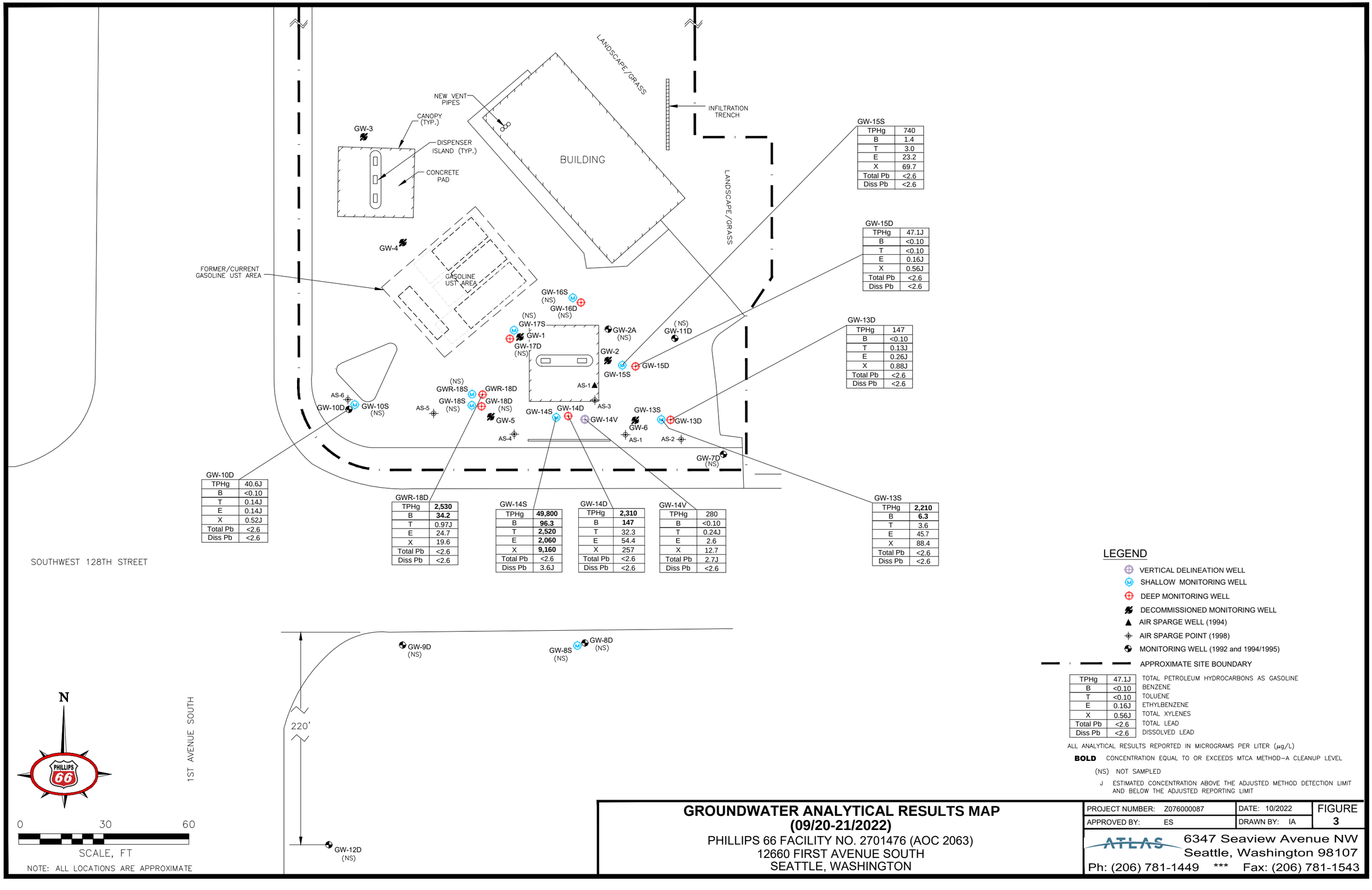

GW-15S	
TPHg	740
B	1.4
T	3.0
E	23.2
X	69.7
Total Pb	<2.6
Diss Pb	<2.6

GW-15D	
TPHg	47.1J
B	<0.10
T	<0.10
E	0.16J
X	0.56J
Total Pb	<2.6
Diss Pb	<2.6

GW-13D	
TPHg	147
B	<0.10
T	0.13J
E	0.26J
X	0.88J
Total Pb	<2.6
Diss Pb	<2.6

GW-10D	
TPHg	40.6J
B	<0.10
T	0.14J
E	0.14J
X	0.52J
Total Pb	<2.6
Diss Pb	<2.6

GWR-18D	
TPHg	**2,530**
B	**34.2**
T	0.97J
E	24.7
X	19.6
Total Pb	<2.6
Diss Pb	<2.6

GW-14S	
TPHg	**49,800**
B	**96.3**
T	**2,520**
E	**2,060**
X	**9,160**
Total Pb	<2.6
Diss Pb	3.6J

GW-14D	
TPHg	**2,310**
B	**147**
T	32.3
E	54.4
X	257
Total Pb	<2.6
Diss Pb	<2.6

GW-14V	
TPHg	280
B	<0.10
T	0.24J
E	2.6
X	12.7
Total Pb	2.7J
Diss Pb	<2.6

GW-13S	
TPHg	**2,210**
B	**6.3**
T	3.6
E	45.7
X	88.4
Total Pb	<2.6
Diss Pb	<2.6

LEGEND

- VERTICAL DELINEATION WELL
- 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	47.1J	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	<0.10	BENZENE
T	<0.10	TOLUENE
E	0.16J	ETHYLBENZENE
X	0.56J	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 (09/20-21/2022)

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

PROJECT NUMBER: Z076000087		DATE: 10/2022	FIGURE 3
APPROVED BY: ES		DRAWN BY: IA	

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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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-1	05/07/91	38.97	0.00	61.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
100.00	05/08/92	41.28	0.00	58.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/20/92	39.46	0.00	60.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/10/94	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	05/02/94	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	11/11/94	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	02/17/95	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	05/16/95	47.30	0.00	52.70	**30,000**	--	--	**6,300**	**4,900**	638	**3,920**	--	**30**	--	--	--	--	--	--	--	--	--	--
	08/09/95	47.65	0.00	52.35	**17,000**	--	--	**3,200**	**1,700**	230	**1,400**	--	10	--	--	--	--	--	--	--	--	--	--
	11/06/95	48.86	0.00	51.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/13/96	49.60	0.00	50.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/21/96	49.54	0.00	50.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	39.91	0.00	60.09	**62,000**	--	--	**14,000**	**16,000**	**780**	**5,100**	--	7	--	--	--	--	--	--	--	--	--	--
	06/06/96	39.78	0.00	60.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	39.85	0.00	60.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/24/96	42.14	0.00	57.86	**75,000**	--	--	**14,000**	**15,000**	**890**	**5,400**	--	4	--	--	--	--	--	--	--	--	--	--
	12/12/96	46.97	0.00	53.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/97	34.84	0.00	65.16	**170,000**	--	--	**29,000**	**44,000**	**2,000**	**14,000**	--	**18**	--	--	--	--	--	--	--	--	--	--
	04/11/97	30.69	0.00	69.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	29.13	0.00	70.87	**230,000**	--	--	**46,000**	**72,000**	**3,600**	**21,000**	--	13	--	--	--	--	--	--	--	--	--	--
	08/25/97	35.41	0.00	64.59	**170,000**	--	--	**3,000**	**46,000**	**2,900**	**16,000**	--	13	--	--	--	--	--	--	--	--	--	--
	11/19/97[*]	41.87	0.00	58.13	**170,000**	--	--	**25,000**	**39,000**	**3,200**	**17,000**	--	14	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	43.10	0.00	56.90	**82,000**	--	--	**20,000**	**12,000**	**2,300**	**210**	--	<2	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	32.37	0.00	67.63[b]	**180,000**	--	--	**41,000**	**59,000**	**2,000**	**19,000**	--	<2	--	--	--	--	--	--	--	--	--	--
	08/25/98[NP]	26.81	0.00	73.19[b]	**140,000**	--	--	**27,000**	**37,000**	**1,700**	**16,000**	--	**22**	--	--	--	--	--	--	--	--	--	--
	11/13/98[NP]	29.49	0.00	70.51[b]	**63,000**	--	--	**12,000**	**12,000**	320	**9,200**	--	9	--	--	--	--	--	--	--	--	--	--
	02/10/99	45.96	**Trace**	54.04[b]	LPH Present.																		
	05/28/99[NP]	17.18	0.00	82.82[b]	**69,000**	--	--	**490**	**4,400**	490	**12,000**	--	10	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	43.70	0.00	56.30[b]	**32,000**	--	--	**2,100**	190	250	**3,600**	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	34.01	0.00	65.99	**6,110**	--	--	**849**	333	31.8	**1,320**	--	7.67	--	--	--	**11.6**	--	--	--	--	<10.0	--
	02/09/00[NP]	48.11	0.00	51.89	**83,000**	--	--	**1,200**	860	**740**	**13,000**	--	**301**	--	--	--	--	--	--	--	--	<100	--
	05/24/00[NP]	26.35	**Trace**	73.65	**1,200**	--	--	**55.9**	81.2	2.09	248	--	--	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	09/11/00[NP]	25.75	0.00	74.25	883	--	--	**36.1**	54.0	<0.690	161	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	02/23/01	44.58	0.00	55.42	154	--	--	**12.6**	5.08	< 0.500	17.1	--	--	--	--	--	--	--	--	--	--	--	--
	05/16/01	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	08/30/01[NP]	43.17	0.00	56.83	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	2.62	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	11/19/01	NM	0.00	NE	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	05/04/02	40.32	0.00	59.68	<50.0	--	--	1.29	<0.500	<0.500	1.62	--	<1.00	--	--	--	--	--	--	--	--	--	--
	11/20/02	36.15	0.00	63.85	149	--	--	0.575	0.938	<0.500	12.5	--	2.67	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	35.97	0.00	64.03	**1,620**	--	--	**56.7**	71.7	<5.00	511	--	8.58	4.98	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	33.91	0.00	66.09	528	--	--	**15.0**	9.9	1.1	47	--	11.2	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	30.93	0.00	69.07	**5,200**	--	--	**1,340**	129	51.0	431	--	14.4	<5.00	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	35.99	0.00	64.01	**3,800**	--	--	**1,030**	201	<20	740	--	**15.0**	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	37.79	0.00	62.21	**1,310**	--	--	**98.6**	46.0	<5.0	275	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	05/16/05	36.36	0.00	63.64	**3,380**	--	--	**699.0**	224.0	<10	676	12	<15	<15	--	--	--	--	--	--	--	--	--
	11/22/05	40.77	0.00	59.23	**5,900**	--	--	**2,200.0**	420.0	66.0	**1,200**	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	05/30/06	47.26	0.00	52.74	**860[d]**	--	--	**96[d]**	8.6[d]	12[d]	120[d]	--	**144**	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	11/14/06	DRY	0.00	NE	Well not sampled due to insufficient water.																		

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-1	02/21/07	DRY	0.00	NE	Well not sampled due to insufficient water.																		
(Cont.)	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.																		

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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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-2	04/11/97	23.84	**0.19**	75.62	LPH Present.																		
(Cont.)	06/18/97	25.87	**0.02**	73.47	LPH Present.																		
	08/25/97	32.77	**0.18**	66.69	LPH Present.																		
	11/19/97*	37.67	**0.07**	61.70	LPH Present.																		
	02/12/98[NP]	32.81	**0.03**	66.53	LPH Present.																		
	05/14/98[NP]	26.37	**0.04**	72.98	LPH Present.																		
	08/25/98	NM	0.00	NE	Well inaccessible.																		
	11/13/98	NM	0.00	NE	Well inaccessible.																		
	02/10/99	NM	0.00	NE	Well inaccessible.																		
	05/28/99	NM	0.00	NE	Well inaccessible.																		
	08/18/99[NP]	33.58	0.00	65.74[b]	**180,000**	--	--	**15,000**	**22,000**	**2,200**	**20,000**	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	46.15	0.00	53.17	**85,600**	--	--	**4,360**	**7,750**	**1,160**	**12,300**	--	**152**	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	38.30	0.00	61.02	**130,000**	--	--	**11,000**	**17,000**	**1,300**	**18,000**	--	6	--	--	--	--	--	--	--	--	--	--
	05/24/00	NM	0.00	NE	Well inaccessible.																		
	09/11/00[NP]	46.35	0.00	52.97	**55,000**	--	--	**2,620**	**1,910**	410	**7,380**	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	43.56	**Trace**	55.76	**76,100**	--	--	**6,030**	**8,660**	**1,050**	**10,500**	--	**148**	--	--	--	--	--	--	--	--	--	--
	02/23/01	46.15	0.00	53.17	**64,300**	--	--	**5,100**	**5,880**	667	**9,140**	--	**129**	--	--	--	< 1.00	--	--	--	--	< 1.00	< 1.00
	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	**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	**3,590** 2n	**1,760**	634	**4,590**	<1.0	3.3	<1.0	--	--	**92.4**	**0.094**	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	36.60	0.00	377.34	**40,300**	--	--	**6,710**	**2,440**	**959**	**7,180**	<5.0	3.2	2.5	--	--	--	--	--	--	--	--	--
	11/03/09	41.22	0.00	372.72	**28,700** 1n,Z2	--	--	**2,880**	673	644	**3,460**	<5.0	12.3	0.39	--	--	--	--	--	--	--	--	--
	02/08/10	37.04	0.00	376.90	**42,600** 1n	--	--	**4,940**	**1,830**	**1,200**	**8,320**	<1.0	**24.7**	1.2	--	--	--	--					
	05/03/10	32.17	0.00	381.77	**17,400**	--	--	**2,060**	746	422	**2,990**	<1.0	4.1	0.36	--	--	--	--	--	--	--	--	--
	09/07/10	36.61	0.00	377.33	**30,700**	--	--	**6,770**	**1,930**	**901**	**5,480**	<1.0	12.9	0.22	--	--	--	--	--	--	--	--	--
	12/01/10	39.35	0.00	374.59	**20,600**	--	--	**3,260**	**283**	**802**	**3,450**	<1.0	9.2	0.14	--	--	--	--	--	--	--	--	--

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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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-2	02/10/11	31.63	0.00	382.31	**10,700**	--	--	**975**	**250**	359	**2,020**	<1.0	--	--	--	--	--	--	--	--	--	--	--
(Cont.)	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	**1,900**	33.0	**810**	**1,500**	**--**	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	04/29/15	30.61	0.00	383.33	**13,600**	--	--	**1,830**	42.6	599	**1,300**	**--**	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	35.92	0.00	378.02	**22,500**	--	--	**5,670**	190	**907**	**2,300**	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--
	10/15/15	40.35	0.00	373.59	**10,700**	--	--	**1,460**	26.3	449	537	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--
	09/27/16	38.80	0.00	375.14	**10,400**	--	--	**1,140**	61.4	479	898	**--**	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/20/17	35.11	0.00	378.83	**2,860**	--	--	**327**	22.0	174	294	**--**	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/05/18	37.61	0.00	376.33	**7,570**	--	--	**1,070**	50.2	579	404	**--**	2.0 J	<2.0	--	--	--	--	--	--	--	--	--
	10/24/18	Well Decommissioned.																					
GW-2A	12/9/04 [NP]	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NE	02/08/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/16/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/18/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/22/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/01/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/30/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/28/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/14/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/21/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/22/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/20/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/19/08	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
414.5	05/19/08	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/18/08	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/18/08	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	02/04/09	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	05/04/09	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	08/03/09	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	11/03/09	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	02/08/10	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	05/03/10	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	09/07/10	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	12/01/10	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	02/10/11	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	05/18/11	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	09/02/11	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	12/07/11	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	08/01/12	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	03/22/13	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	09/20/13	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	12/19/14	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-2A	04/29/15	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
(Cont.)	07/23/15	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	10/15/15	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	09/27/16	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	09/19/17	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	09/04/18	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
	12/11/18	NM	0.00	NE	Stinger lodged in well, unable to gauge or sample.																		
GW-3	05/02/94	71.02	0.00	31.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
102.95	11/11/94	82.85	0.00	20.10	<50	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
102.78	02/17/95	82.81	0.00	19.97	<50	--	--	<0.5	<1	<1	<1	--	2	--	--	--	--	--	--	--	--	--	--
	05/16/95	82.02	0.00	20.76	<50	--	--	<0.5	<1	<1	<1	--	5	--	--	--	--	--	--	--	--	--	--
	08/09/95	81.33	0.00	21.45	<50	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	11/06/95	81.21	0.00	21.57	<50	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	02/13/96	84.06	0.00	18.72	<50	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	02/21/96	80.60	0.00	22.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	79.24	0.00	23.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/06/96	79.07	0.00	23.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	78.97	0.00	23.81	<50	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	09/24/96	78.21	0.00	24.57	<50	--	--	0.7	2	<1	3	--	2	--	--	--	--	--	--	--	--	--	--
	12/12/96	78.64	0.00	24.14	216	--	--	**21.6**	54	2	11	--	<2	--	--	--	--	--	--	--	--	--	--
	03/24/97	77.93	0.00	24.85	<50	--	--	<0.5	<1	<1	<1	--	**38**	--	--	--	--	--	--	--	--	--	--
	04/11/97	77.40	0.00	25.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	76.11	0.00	26.67	<50	--	--	<0.5	1	<1	<1	--	13	--	--	--	--	--	--	--	--	--	--
	08/25/97	75.68	0.00	27.10	<50	--	--	<0.5	<1	<1	<1	--	13	--	--	--	--	--	--	--	--	--	--
	11/19/97[*]	76.58	0.00	26.20	<50	--	--	<0.5	<1	<1	<1	--	**18**	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	76.72	0.00	26.06	<50	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	76.15	0.00	26.63	<50	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/25/98	76.35	0.00	26.43[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/13/98	77.88	0.00	24.90[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/10/99	78.98	0.00	23.80[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	79.68	0.00	23.10[b]	<50	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	76.45	0.00	26.33[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	79.18	0.00	23.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	78.42	0.00	24.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	77.46	0.00	25.32	352	--	--	<0.500	<0.500	<0.500	36.4	--	--	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	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	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	81.59	0.00	21.19	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	81.35	0.00	21.43	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	82.21	0.00	20.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/08/05	82.54	0.00	20.24	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	--	--	--	--	--	--	--	--	--	--
	05/16/05	82.75	0.00	20.03	<100	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	82.56	0.00	20.22	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-3	11/22/05	82.51	0.00	20.27	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
(Cont.)	03/01/06	82.40	0.00	20.38	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.8	<8.4	--	--	--	--	--	--	--	--	--	--
	05/30/06	81.72	0.00	21.06	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	81.10	0.00	21.68	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	81.50	0.00	21.28	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	81.05	0.00	21.73	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**64.5**	**62.2**	**--**	**--**	--	--	--	--	--	--	--
	05/22/07	81.10	0.00	21.68	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	79.42	0.00	23.36	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	02/19/08	80.47	0.00	22.31	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	7.4	--	--	--	--	--	--	--	--	--
	05/19/08	80.52	0.00	337.22	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/18/08	80.80	0.00	336.94	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	7.0	<6.9	--	--	--	--	--	--	--	--	--
	11/17/08	81.19	0.00	336.55	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	81.50	0.00	336.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/04/09	81.72	0.00	336.02	87.2 4n	<83	<420	<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	<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.																		

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-4	12/12/96	77.71	0.00	24.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
(Cont.)	03/24/97	76.88	0.00	24.96	<50	--	--	<50	<1	<1	<1	--	**52**	--	--	--	--	--	--	--	--	--	--
	04/11/97	76.36	0.00	25.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	75.08	0.00	26.76	<50	--	--	<50	<1	<1	<1	--	4	--	--	--	--	--	--	--	--	--	--
	08/25/97	74.70	0.00	27.14	300	--	--	**9.8**	15	3	46	--	4	--	--	--	--	--	--	--	--	--	--
	11/19/97[*]	75.61	0.00	26.23	<50	--	--	0.8	<1	<1	<1	--	**18**	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	75.90	0.00	25.94	<50	--	--	1	<1	<1	<1	--	**27**	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	75.18	0.00	26.66	<50	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/25/98[NP]	75.45	0.00	26.39[b]	<50	--	--	<0.5	<1	<1	<1	--	**23**	--	--	--	--	--	--	--	--	--	--
	11/13/98[NP]	77.24	0.00	24.60[b]	<50	--	--	<0.5	<1	<1	<1	--	**103**	--	--	--	--	--	--	--	--	--	--
	02/10/99	78.08	0.00	23.76[b]	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	73.80	0.00	28.04[b]	<50	--	--	<0.5	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	75.54	0.00	26.30[b]	<50	--	--	0.5	<1	<1	2	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	02/09/00[NP]	77.50	0.00	24.34	<50	--	--	<0.5	<1	<1	<1	--	**24**	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	75.70	0.00	26.14	<50.0	--	--	<0.500	<0.500	<0.500	2.88	--	--	--	--	--	--	--	--	--	--	--	--
	09/11/00[NP]	71.56	0.00	30.28	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00[NP]	78.40	0.00	23.44	141	--	--	<0.500	1.10	<0.500	5.59	--	**254**	--	--	--	--	--	--	--	--	--	--
	02/23/01	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	05/16/01	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	08/30/01	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	11/19/01	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	05/04/02	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	11/20/02	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	05/21/03[NP]	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	11/14/03[NP]	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	5/13/04[NP]	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	12/9/04 [NP]	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	02/08/05	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	05/16/05	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	08/18/05	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	11/22/05	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	03/01/06	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	05/30/06	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	08/28/06	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	11/14/06	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	02/21/07	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	05/22/07	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	8/20/2007[d]	78.47	0.00	23.37	Well not sampled due to insufficient water.																		
	11/19/07	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	02/19/08	DRY	0.00	NE	Well not sampled due to insufficient water.																		
416.79	05/19/08	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	08/18/08	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	11/17/08	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	02/04/09	79.15	0.00	337.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/4/090	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	08/03/09	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	11/03/09	79.10	0.00	337.69	Well gauged only this quarter.																		
	02/08/10	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	05/03/10	DRY	0.00	NE	Well not sampled due to insufficient water.																		

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-4	09/07/10	DRY	0.00	NE	Well not sampled due to insufficient water.																		
(Cont.)	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.																		
	05/18/11	78.55	0.00	338.24	Well gauged only this quarter.																		
	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

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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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-5	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
(Cont.)	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	<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	<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.																		

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-6	02/17/95	41.13	**0.24**	57.29	LPH Present.																		
(Cont.)	05/16/95	32.62	**0.24**	65.80	**130,000**	--	--	**14,000**	**21,000**	**2,000**	**11,000**	--	2	--	--	--	--	--	--	--	--	--	--
	08/09/95	32.65	**0.03**	65.61	LPH Present.																		
	11/06/95	40.26	**0.06**	58.03	LPH Present.																		
	02/13/96	32.10	0.00	66.14	**68,000**	--	--	**11,000**	**13,000**	**1,100**	**6,000**	--	5	--	--	--	--	--	--	--	--	--	--
	02/21/96	32.18	**0.05**	66.10	LPH Present.																		
	05/21/96	27.40	0.00	70.84	**36,000**	--	--	**2,300**	**3,300**	560	**3,700**	--	**20**	--	--	--	--	--	--	--	--	--	--
	06/06/96	28.16	0.00	70.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/11/96	28.23	0.00	70.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/24/96	35.38	0.00	62.86	**36,000**	--	--	**3,800**	**5,100**	**790**	**4,300**	--	**22**	--	--	--	--	--	--	--	--	--	--
	12/12/96	37.76	0.00	60.48	**66,000**	--	--	**4,100**	**7,900**	**1,100**	**6,500**	--	**48**	--	--	--	--	--	--	--	--	--	--
	03/24/97	24.55	0.00	73.69	**82,000**	--	--	**2,700**	**12,000**	**1,700**	**10,000**	--	**41**	--	--	--	--	--	--	--	--	--	--
	04/11/97	23.32	0.00	74.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/18/97	25.51	0.00	72.73	**43,000**	--	--	**4,100**	**7,300**	**800**	**4,500**	--	10	--	--	--	--	--	--	--	--	--	--
	08/25/97	30.55	0.00	67.69	**52,000**	--	--	**5,600**	**11,000**	**1,200**	**6,200**	--	10	--	--	--	--	--	--	--	--	--	--
	11/19/97[*]	34.17	0.00	64.07	**81,000**	--	--	**8,700**	**15,000**	**1,500**	**7,700**	--	13	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	26.67	0.00	71.57	**1,400**	--	--	**33**	51	59	110	--	6	--	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	26.00	0.00	72.24[b]	**1,800**	--	--	**42**	170	98	310	--	5	--	--	--	--	--	--	--	--	--	--
	08/25/98[NP]	25.99	0.00	72.25[b]	**14,000**	--	--	**220**	890	**79**	**3,100**	--	5	--	--	--	--	--	--	--	--	--	--
	11/13/98	NM	0.00	NE	Well inaccessible.																		
	02/10/99	NM	0.00	NE	Well inaccessible.																		
	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	--	--	--	--	--	--	--	--	--
	05/16/05	33.23	0.00	65.01	<100	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	82.10	0.00	16.14	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	11/22/05	38.57	0.00	59.67	<48	--	--	0.7	<0.2	<0.2	0.6	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	32.80	0.00	65.44	100	--	--	8	<0.7	<0.8	1	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/30/06	32.49	0.00	65.75	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	NM	0.00	NE	<48	--	--	4	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	41.00	0.00	57.24	<48	--	--	4	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	31.14	0.00	67.10	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**57.8**	**47.6**	**--**	**--**	--	--	--	--	--	--	--
	05/22/07	27.90	0.00	70.34	<50	--	--	1	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	35.30	0.00	62.94	<50	--	--	2	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	38.67	0.00	59.57	700	--	--	**230**	15	49	7	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-6	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	--	--	--	--	--	--	--	--	--
(Cont.)	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	**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	<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	**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]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-7D	02/10/99	73.76	0.00	23.41[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
(Cont.)	05/28/99[NP]	69.40	0.00	27.77[b]	<50	--	--	2.7	<1	<1	<1	--	8	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	71.23	0.00	25.94[b]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	71.62	0.00	25.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	73.20	0.00	23.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	76.55	0.00	20.62	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	09/11/00	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/16/01	77.92	0.00	19.25	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	7.14	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	08/30/01	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	79.60	0.00	17.57	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	05/04/02	75.67	0.00	21.50	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	3.21	--	--	--	--	--	--	--	--	--	--
	11/20/02	76.20	0.00	20.97	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	11.5	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	76.20	0.00	20.97	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	**19.0**	13.0	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	76.22	0.00	20.95	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	76.73	0.00	20.44	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	78.31	0.00	18.86	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	76.85	0.00	20.32	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	--	--	--	--	--	--	--	--	--	--
	05/16/05	77.07	0.00	20.10	<100	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	77.68	0.00	19.49	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
	11/22/05	77.17	0.00	20.00	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	76.84	0.00	20.33	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/30/06	76.32	0.00	20.85	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	8.7	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	75.71	0.00	21.46	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	76.22	0.00	20.95	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	75.58	0.00	21.59	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**62.1**	52	--	--	--	--	--	--	--	--	--
	05/22/07	74.70	0.00	22.47	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	74.05	0.00	23.12	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	74.91	0.00	22.26	65	--	--	<0.5	2	<0.8	1	<0.5	12.7	<6.9	--	--	--	--	--	--	--	--	--
	02/19/08	75.02	0.00	22.15	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**24.6**	<6.9	--	--	--	--	--	--	--	--	--
412.23	05/19/08	75.12	0.00	337.11	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**20.0**	<6.9	--	--	--	--	--	--	--	--	--
	08/18/08	75.37	0.00	336.86	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/18/08	75.85	0.00	336.38	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	7.9	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	76.11	0.00	336.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/05/09	76.35	0.00	335.88	<50.0	<83	<420	<1.0	<1.0	<1.0	<1.0	<1.0	6.3	<1.0	--	--	<1.0	<0.010	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	76.24	0.00	335.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/03/09	76.58	0.00	335.65	Well gauged only this quarter.																		
	02/08/10	76.79	0.00	335.44	Well gauged only this quarter.																		
	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.																		

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-7D	09/20/13	NM	0.00	NE	Well not monitored or sampled this quarter.																		
(Cont.)	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.																		
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	--	--	--	--	--	--	--	--	--	--

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-8D	02/09/00[NP]	74.83	0.00	23.99	<50	--	--	3.4	<1	<1	<1	--	<2	--	--	--	--	--	--	--	--	--	--
(Cont.)	05/24/00[NP]	73.25	0.00	25.57	**8,100**	--	--	**34.3**	10.6	<5.00	**1,850**	--	--	--	--	--	--	--	--	--	--	--	--
	09/11/00[NP]	67.00	0.00	31.82	69.2	--	--	0.503	<0.500	<0.500	6.87	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	02/23/01	73.69	0.00	25.13	62.1	--	--	<0.500	<0.500	<0.500	< 1.00	--	2.03	--	--	--	--	--	--	--	--	--	--
	05/16/01	DRY	0.00	NE	Well not sampled due to insufficient water.																		
	08/30/01[NP]	78.15	0.00	20.67	<50.0	--	--	<0.500	<0.500	<0.500	3.05	--	1.50	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	11/19/01	78.87	0.00	19.95	99.1	--	--	<0.500	2.47	<0.500	25.6	--	<1.00	--	--	--	<1.00	--	--	--	--	<1.00	<1.00
	05/04/02	76.32	0.00	22.50	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--	--	--	--	--	--	--	--	--	--
	11/20/02	77.19	0.00	21.63	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	77.11	0.00	21.71	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	77.69	0.00	21.14	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	77.64	0.00	21.18	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00	--	--	--	--	--	--	--	--	--
	12/10/04 [NP]	77.70	0.00	21.12	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	02/08/05	78.21	0.00	20.61	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	05/16/05	79.11	0.00	19.71	<100	--	--	<1	<1	<1	<3	<1	<15	<15	--	--	--	--	--	--	--	--	--
	08/18/05	79.44	0.00	19.38	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.6	<8.4	--	--	--	--	--	--	--	--	--	--
	11/11/05	78.57	0.00	20.25	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<8.4	--	--	--	--	--	--	--	--	--	--
	03/01/06	78.40	0.00	20.42	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--	--	--	--	--	--	--	--	--	--
	05/31/06	77.71	0.00	21.11	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/28/06	77.20	0.00	21.62	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/14/06	78.50	0.00	20.32	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/21/07	77.15	0.00	21.67	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**51.1**	**46.2**	**--**	**--**	--	--	--	--	--	--	--
	05/22/07	76.32	0.00	22.50	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/20/07	75.73	0.00	23.09	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/19/07	76.60	0.00	22.22	150	--	--	3	5	1	8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/19/08	76.65	0.00	22.17	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	7.7	<6.9	--	--	--	--	--	--	--	--	--
413.79	05/19/08	76.76	0.00	337.03	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	08/18/08	77.09	0.00	336.70	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	11/17/08	77.50	0.00	336.29	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	02/04/09	77.75	0.00	336.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/05/09	78.04	0.00	335.75	<50.0	<85	<430	<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	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	04/29/15	76.89	0.00	336.90	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	76.46	0.00	337.33	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--	--

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

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-8D	10/15/15	76.91	0.00	336.88	<250	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--	--	--	--
(Cont.)	09/28/16	75.30	0.00	338.49	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/20/17	73.40	0.00	340.39	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/05/18	74.62	0.00	339.17	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
413.77	12/12/18	75.05	0.00	338.72	<19.6	--	--	<0.10	<0.083	0.28J	<0.31	--	2.2J	<2.0	--	--	--	--	--	--	--	--	--
	03/27/19	76.29	0.00	337.48	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/26/19	76.42	0.00	337.35	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																		
	03/09/21	NM	0.00	NE	Well not monitored or sampled this quarter.																		
	07/14/21	NM	0.00	NE	Well not monitored or sampled this quarter.																		
	10/07/21	77.12	0.00	336.65	Well gauged only this quarter - concentrations historically below cleanup levels.																		
	12/16/21	77.66	0.00	336.11	Well gauged only this quarter - concentrations historically below cleanup levels.																		
	03/31/22	77.09	0.00	336.68	Well gauged only this quarter - concentrations historically below cleanup levels.																		
	06/27/22	75.97	0.00	337.80	Well gauged only this quarter - concentrations historically below cleanup levels.																		
	09/20/22	76.12	0.00	337.65	Well gauged only this quarter - concentrations historically below cleanup levels.																		
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	--	--	--	--	--	--	--	--	--

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-9D	05/21/03[NP]	78.09	0.00	21.48	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00	--	--	--	--	--	--	--	--	--
(Cont.)	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	<1.0	1.0	<1.0	5.3	<1.0	1.1	<1.0	--	--	<1.0	<0.010	<1.0	<2.0	<1.0	<1.0	<1.0
	08/03/09	78.65	0.00	335.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/03/09	78.92	0.00	335.61	Well gauged only this quarter.																		
	02/08/10	79.11	0.00	335.42	Well gauged only this quarter.																		
	05/03/10	78.52	0.00	336.01	Well gauged only this quarter.																		
	09/07/10	77.70	0.00	336.83	Well gauged only this quarter.																		
	12/01/10	78.15	0.00	336.38	671	--	--	<1.0	<1.0	9.3	47.2	<1.0	1.9	<0.10	--	--	--	--	--	--	--	--	--
	02/10/11	77.80	0.00	336.73	Well gauged only this quarter.																		
	05/18/11	76.37	0.00	338.16	Well gauged only this quarter.																		
	09/02/11	75.65	0.00	338.88	Well gauged only this quarter.																		
	12/07/11	76.18	0.00	338.35	Well gauged only this quarter.																		
	02/23/12	76.92	0.00	337.61	Well gauged only this quarter.																		
	05/22/12	76.04	0.00	338.49	Well gauged only this quarter.																		
	08/01/12	NM	0.00	NE	Well not monitored or sampled this quarter.																		
	03/22/13	NM	0.00	NE	Well not monitored or sampled this quarter.																		
	09/20/13	NM	0.00	NE	Well not monitored or sampled this quarter.																		
	12/18/14	77.82	0.00	336.71	<100	<100	<500	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	04/29/15	77.57	0.00	336.96	272	--	--	<1.0	<1.0	<1.0	10.8	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	07/23/15	77.17	0.00	337.36	148	--	--	<1.0	<1.0	<1.0	4.9	--	--	--	--	--	--	--	--	--	--	--	--
	10/15/15	78.23	0.00	336.30	<250	--	--	<0.5	<0.5	<0.5	2.8	--	--	--	--	--	--	--	--	--	--	--	--
	10/07/16	76.10	0.00	338.43	130	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/20/17	74.09	0.00	340.44	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	09/05/18	75.37	0.00	339.16	<19.6	--	--	<0.10	0.17 J	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	12/12/18	75.75	0.00	338.78	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	03/28/19	76.98	0.00	337.55	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/26/19	77.50	0.00	337.03	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	06/11/20	Well Decommissioned.																					
GW-10S	12/13/18	22.10	0.00	393.36	<19.6	--	--	0.37 J	0.32 J	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
415.46	03/27/19	20.90	0.00	394.56	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--

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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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-10S	06/26/19	22.13	0.00	393.33	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
(Cont.)	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.																		
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	--	--	--	--	--	--	--	--	--

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MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-10D	08/18/05	81.98	0.00	18.58	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--	--	--	--	--	--	--	--	--	--
(Cont.)	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	<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	0.51	<0.50	<0.50	1.0	--	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	04/29/15	78.41	0.00	336.89	<100	<92	<230	<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	<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	<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	<0.12	<0.12	<0.075	<0.29	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	03/31/20	NM	0.00	NE	Well not monitored or sampled this quarter.																		
	03/09/21	79.25	0.00	336.05	45.7J	--	--	0.0773J	<0.278	0.157J	0.238J	--	<2.0	<2.0	--	--	--	--	--	--	--	--	--
	07/15/21	78.40	0.00	336.90	<31.6	--	--	<0.0941	0.477J	1.67	10.7	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	10/08/21	78.58	0.00	336.72	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0	--	--	--	--	--	--	--	--	--
	12/17/21	79.52	0.00	335.78	<42.8	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
	03/30/22	78.78	0.00	336.52	<22.2	--	--	<0.10	<0.10	<0.11	<0.20	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-10D	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	--	--	--	--	--	--	--	--
(Cont.)	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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-11D	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[1] DUP	05/22/07	77.05	0.00	22.67	--	--	--	--	--	--	--	--	<6.9	<6.9	--	--	--	--	--	--	--	--	--
(Cont.)	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	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.																		
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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-12D	06/06/96	65.09	0.00	26.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
(Cont.)	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	<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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-12D	11/03/09	66.80	0.00	339.76	Well gauged only this quarter.																		
(Cont.)	02/08/10	66.85	0.00	339.71	Well gauged only this quarter.																		
	05/03/10	65.81	0.00	340.75	Well gauged only this quarter.																		
	09/07/10	65.45	0.00	341.11	Well gauged only this quarter.																		
	12/01/10	66.03	0.00	340.53	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	8.3	0.50	--	--	--	--	--	--	--	--	--
	02/10/11	65.39	0.00	341.17	Well gauged only this quarter.																		
	05/18/11	64.83	0.00	341.73	Well gauged only this quarter.																		
	09/02/11	64.90	0.00	341.66	Well gauged only this quarter.																		
	12/07/11	65.43	0.00	341.13	Well gauged only this quarter.																		
	02/23/12	66.18	0.00	340.38	Well gauged only this quarter.																		
	05/22/12	63.55	0.00	343.01	Well gauged only this quarter.																		
	08/01/12	NM	0.00	NE	Well not monitored or sampled this quarter.																		
	03/22/13	NM	0.00	NE	Well not monitored or sampled this quarter.																		
	09/20/13	NM	0.00	NE	Well not monitored or sampled this quarter.																		
	12/18/14	64.45	0.00	342.11	<100	<100	<500	<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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-13S	03/11/20	77.10	0.00	335.84	<38.3	--	--	<0.12	<0.12	<0.075	<0.29	--	4.4J	<2.0	--	--	--	--	--	--	--	--	--
(Cont.)	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	--	--	--	--	--	--	--	--
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**	**--**	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
GW-15S	03/30/22	28.34	0.00	385.72	<22.2	--	--	<0.10	<0.10	<0.11	0.41J	--	<2.6	<2.6	--	--	--	--	--	--	--	--	--
(Cont.)	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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
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.																		
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.																		
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.																		
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	--	--	--	--	--	--	--	--	--

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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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**
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	--	--	--	--	--	--	--	--	--
GW-17D	06/27/19	77.35	0.00	337.72	<38.3	--	--	<0.10	<0.083	<0.14	<0.31		2.8J	<2.0	--	--	--	--	--	--	--	--	--
(Cont.)	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.																		
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																		
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-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.																		
GWR-18D	06/28/22	75.20	0.00	339.02	**2,640.00**	--	--	**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	--	--	--	--	--	--	--	--

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
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 benzen
DTW = Depth to water in feet below top of casing
All concentrations are in µg/L (ppb).
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.

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)	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**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**	**1.4**	**0.1**	**5**	**0.01**	**NA**	**5**	**NA**	**5**	**5**

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

October 04, 2022

Elisabeth Silver
Atlas
6347 Seaview Ave NW
Seattle, WA 98107

RE: Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Dear Elisabeth Silver:

Enclosed are the analytical results for sample(s) received by the laboratory on September 23, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Minneapolis

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

Sincerely,

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

Enclosures

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

CERTIFICATIONS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
A2LA Certification #: 2926.01*
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
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
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
Ohio VAP Certification (1800) #: CL110*
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
*Please Note: Applicable air certifications are denoted with an asterisk (*).

Pace Analytical Services, LLC
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Minneapolis, MN 55414
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SAMPLE SUMMARY

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10626816001	**GW-10D**	Water	09/21/22 14:10	09/23/22 08:50
10626816010	**GW-13S**	Water	09/21/22 11:30	09/23/22 08:50
10626816002	**GW-13D**	Water	09/21/22 12:20	09/23/22 08:50
10626816003	**GW-14S**	Water	09/20/22 15:30	09/23/22 08:50
10626816004	**GW-14D**	Water	09/20/22 16:15	09/23/22 08:50
10626816005	**GW-14V**	Water	09/21/22 10:20	09/23/22 08:50
10626816006	**GW-15S**	Water	09/21/22 15:45	09/23/22 08:50
10626816007	**GW-15D**	Water	09/21/22 15:10	09/23/22 08:50
10626816008	**GWR-18D**	Water	09/20/22 13:32	09/23/22 08:50
10626816009	**Trip Blank**	Water	09/20/22 00:00	09/23/22 08:50

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SAMPLE ANALYTE COUNT

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10626816001	**GW-10D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	TKL	8	PASI-M
10626816010	**GW-13S**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	NMB	8	PASI-M
10626816002	**GW-13D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	TKL	8	PASI-M
10626816003	**GW-14S**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	JEM	8	PASI-M
10626816004	**GW-14D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	TKL	8	PASI-M
10626816005	**GW-14V**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	NMB	8	PASI-M
10626816006	**GW-15S**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	NMB	8	PASI-M
10626816007	**GW-15D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	NMB	8	PASI-M
10626816008	**GWR-18D**	NWTPH-Gx	TM2	2	PASI-M
		EPA 6010D	IP	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260D	PAB	8	PASI-M
10626816009	**Trip Blank**	NWTPH-Gx	TM2	2	PASI-M

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260D	NMB	8	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

Pace Analytical Services, LLC
1700 Elm Street
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ANALYTICAL RESULTS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Sample: GW-10D **Lab ID: 10626816001** Collected: 09/21/22 14:10 Received: 09/23/22 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	**40.6J**	ug/L	100	22.6	1		09/26/22 16:03		
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	50-150		1		09/26/22 16:03	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	09/27/22 06:32	09/28/22 12:46	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	09/27/22 06:32	09/28/22 12:17	7439-92-1	
8260D VOC	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.10**	ug/L	1.0	0.10	1		09/27/22 15:01	71-43-2	
Chloroform	**0.54J**	ug/L	1.0	0.23	1		09/27/22 15:01	67-66-3	
Ethylbenzene	**0.14J**	ug/L	1.0	0.11	1		09/27/22 15:01	100-41-4	
Toluene	**0.14J**	ug/L	1.0	0.10	1		09/27/22 15:01	108-88-3	
Xylene (Total)	**0.52J**	ug/L	3.0	0.20	1		09/27/22 15:01	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%.	75-125		1		09/27/22 15:01	2199-69-1	
4-Bromofluorobenzene (S)	90	%.	75-125		1		09/27/22 15:01	460-00-4	
Toluene-d8 (S)	106	%.	75-125		1		09/27/22 15:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Sample: GW-13S **Lab ID: 10626816010** Collected: 09/21/22 11:30 Received: 09/23/22 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	**2210**	ug/L	100	22.6	1		09/26/22 18:32		
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	50-150		1		09/26/22 18:32	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	09/27/22 06:32	09/28/22 13:09	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	09/27/22 06:32	09/28/22 12:44	7439-92-1	
8260D VOC	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**6.3**	ug/L	1.0	0.10	1		09/28/22 00:19	71-43-2	
Chloroform	**<0.23**	ug/L	1.0	0.23	1		09/28/22 00:19	67-66-3	
Ethylbenzene	**45.7**	ug/L	1.0	0.11	1		09/28/22 00:19	100-41-4	
Toluene	**3.6**	ug/L	1.0	0.10	1		09/28/22 00:19	108-88-3	
Xylene (Total)	**88.4**	ug/L	3.0	0.20	1		09/28/22 00:19	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	94	%.	75-125		1		09/28/22 00:19	2199-69-1	
4-Bromofluorobenzene (S)	101	%.	75-125		1		09/28/22 00:19	460-00-4	
Toluene-d8 (S)	93	%.	75-125		1		09/28/22 00:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Sample: GW-13D **Lab ID: 10626816002** Collected: 09/21/22 12:20 Received: 09/23/22 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	**147**	ug/L	100	22.6	1		09/26/22 16:18		
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%.	50-150		1		09/26/22 16:18	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	09/27/22 06:32	09/28/22 12:54	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	09/27/22 06:32	09/28/22 12:29	7439-92-1	
8260D VOC	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.10**	ug/L	1.0	0.10	1		09/27/22 15:16	71-43-2	
Chloroform	**<0.23**	ug/L	1.0	0.23	1		09/27/22 15:16	67-66-3	
Ethylbenzene	**0.26J**	ug/L	1.0	0.11	1		09/27/22 15:16	100-41-4	
Toluene	**0.13J**	ug/L	1.0	0.10	1		09/27/22 15:16	108-88-3	
Xylene (Total)	**0.88J**	ug/L	3.0	0.20	1		09/27/22 15:16	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%.	75-125		1		09/27/22 15:16	2199-69-1	
4-Bromofluorobenzene (S)	91	%.	75-125		1		09/27/22 15:16	460-00-4	
Toluene-d8 (S)	108	%.	75-125		1		09/27/22 15:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Sample: GW-14S **Lab ID: 10626816003** Collected: 09/20/22 15:30 Received: 09/23/22 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	**49800**	ug/L	1000	226	10		09/26/22 16:33		
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%.	50-150		10		09/26/22 16:33	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	09/27/22 06:32	09/28/22 12:56	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead, Dissolved	**3.6J**	ug/L	10.0	2.6	1	09/27/22 06:32	09/28/22 12:31	7439-92-1	
8260D VOC	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**96.3**	ug/L	25.0	2.6	25		09/30/22 20:55	71-43-2	
Chloroform	**<5.8**	ug/L	25.0	5.8	25		09/30/22 20:55	67-66-3	
Ethylbenzene	**2060**	ug/L	25.0	2.7	25		09/30/22 20:55	100-41-4	
Toluene	**2520**	ug/L	25.0	2.6	25		09/30/22 20:55	108-88-3	
Xylene (Total)	**9160**	ug/L	75.0	5.0	25		09/30/22 20:55	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%.	75-125		25		09/30/22 20:55	2199-69-1	D4
4-Bromofluorobenzene (S)	100	%.	75-125		25		09/30/22 20:55	460-00-4	
Toluene-d8 (S)	100	%.	75-125		25		09/30/22 20:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Sample: GW-14D **Lab ID: 10626816004** Collected: 09/20/22 16:15 Received: 09/23/22 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	**2310**	ug/L	100	22.6	1		09/27/22 11:52		
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%.	50-150		1		09/27/22 11:52	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	09/27/22 06:32	09/28/22 12:57	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	09/27/22 06:32	09/28/22 12:32	7439-92-1	
8260D VOC	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**147**	ug/L	1.0	0.10	1		09/27/22 15:32	71-43-2	
Chloroform	**0.28J**	ug/L	1.0	0.23	1		09/27/22 15:32	67-66-3	
Ethylbenzene	**54.4**	ug/L	1.0	0.11	1		09/27/22 15:32	100-41-4	
Toluene	**32.3**	ug/L	1.0	0.10	1		09/27/22 15:32	108-88-3	
Xylene (Total)	**257**	ug/L	3.0	0.20	1		09/27/22 15:32	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%.	75-125		1		09/27/22 15:32	2199-69-1	
4-Bromofluorobenzene (S)	94	%.	75-125		1		09/27/22 15:32	460-00-4	
Toluene-d8 (S)	98	%.	75-125		1		09/27/22 15:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Sample: GW-14V **Lab ID: 10626816005** Collected: 09/21/22 10:20 Received: 09/23/22 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	**280**	ug/L	100	22.6	1		09/27/22 12:22		
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	50-150		1		09/27/22 12:22	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis								
Lead	**2.7J**	ug/L	10.0	2.6	1	09/27/22 06:32	09/28/22 12:59	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	09/27/22 06:32	09/28/22 12:34	7439-92-1	
8260D VOC	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.10**	ug/L	1.0	0.10	1		09/27/22 23:32	71-43-2	
Chloroform	**<0.23**	ug/L	1.0	0.23	1		09/27/22 23:32	67-66-3	
Ethylbenzene	**2.6**	ug/L	1.0	0.11	1		09/27/22 23:32	100-41-4	
Toluene	**0.24J**	ug/L	1.0	0.10	1		09/27/22 23:32	108-88-3	
Xylene (Total)	**12.7**	ug/L	3.0	0.20	1		09/27/22 23:32	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	94	%.	75-125		1		09/27/22 23:32	2199-69-1	
4-Bromofluorobenzene (S)	100	%.	75-125		1		09/27/22 23:32	460-00-4	
Toluene-d8 (S)	95	%.	75-125		1		09/27/22 23:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Sample: GW-15S **Lab ID: 10626816006** Collected: 09/21/22 15:45 Received: 09/23/22 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	**740**	ug/L	100	22.6	1		09/27/22 12:37		
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	50-150		1		09/27/22 12:37	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	09/27/22 06:32	09/28/22 13:01	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	09/27/22 06:32	09/28/22 12:36	7439-92-1	
8260D VOC	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**1.5**	ug/L	1.0	0.10	1		09/27/22 23:48	71-43-2	
Chloroform	**<0.23**	ug/L	1.0	0.23	1		09/27/22 23:48	67-66-3	
Ethylbenzene	**23.2**	ug/L	1.0	0.11	1		09/27/22 23:48	100-41-4	
Toluene	**3.0**	ug/L	1.0	0.10	1		09/27/22 23:48	108-88-3	
Xylene (Total)	**69.7**	ug/L	3.0	0.20	1		09/27/22 23:48	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	93	%.	75-125		1		09/27/22 23:48	2199-69-1	
4-Bromofluorobenzene (S)	99	%.	75-125		1		09/27/22 23:48	460-00-4	
Toluene-d8 (S)	93	%.	75-125		1		09/27/22 23:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Sample: GW-15D **Lab ID: 10626816007** Collected: 09/21/22 15:10 Received: 09/23/22 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	**47.1J**	ug/L	100	22.6	1		09/26/22 17:47		C0
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%.	50-150		1		09/26/22 17:47	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	09/27/22 06:32	09/28/22 13:06	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	09/27/22 06:32	09/28/22 12:37	7439-92-1	
8260D VOC	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.10**	ug/L	1.0	0.10	1		09/28/22 00:03	71-43-2	
Chloroform	**<0.23**	ug/L	1.0	0.23	1		09/28/22 00:03	67-66-3	
Ethylbenzene	**0.16J**	ug/L	1.0	0.11	1		09/28/22 00:03	100-41-4	
Toluene	**<0.10**	ug/L	1.0	0.10	1		09/28/22 00:03	108-88-3	
Xylene (Total)	**0.56J**	ug/L	3.0	0.20	1		09/28/22 00:03	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	94	%.	75-125		1		09/28/22 00:03	2199-69-1	
4-Bromofluorobenzene (S)	102	%.	75-125		1		09/28/22 00:03	460-00-4	
Toluene-d8 (S)	91	%.	75-125		1		09/28/22 00:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Sample: GWR-18D **Lab ID: 10626816008** Collected: 09/20/22 13:32 Received: 09/23/22 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	**2530**	ug/L	100	22.6	1		09/26/22 18:02		
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%.	50-150		1		09/26/22 18:02	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	09/27/22 06:32	09/28/22 13:07	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	09/27/22 06:32	09/28/22 12:42	7439-92-1	
8260D VOC	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**34.2**	ug/L	1.0	0.10	1		09/29/22 21:09	71-43-2	
Chloroform	**<0.23**	ug/L	1.0	0.23	1		09/29/22 21:09	67-66-3	
Ethylbenzene	**24.7**	ug/L	1.0	0.11	1		09/29/22 21:09	100-41-4	
Toluene	**0.97J**	ug/L	1.0	0.10	1		09/29/22 21:09	108-88-3	
Xylene (Total)	**19.6**	ug/L	3.0	0.20	1		09/29/22 21:09	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	97	%.	75-125		1		09/29/22 21:09	2199-69-1	
4-Bromofluorobenzene (S)	96	%.	75-125		1		09/29/22 21:09	460-00-4	
Toluene-d8 (S)	98	%.	75-125		1		09/29/22 21:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Sample: Trip Blank **Lab ID: 10626816009** Collected: 09/20/22 00:00 Received: 09/23/22 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	**<22.6**	ug/L	100	22.6	1		09/27/22 13:07		
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	50-150		1		09/27/22 13:07	98-08-8	
8260D VOC	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis								
Benzene	**<0.10**	ug/L	1.0	0.10	1		09/27/22 20:40	71-43-2	
Chloroform	**<0.23**	ug/L	1.0	0.23	1		09/27/22 20:40	67-66-3	
Ethylbenzene	**<0.11**	ug/L	1.0	0.11	1		09/27/22 20:40	100-41-4	
Toluene	**<0.10**	ug/L	1.0	0.10	1		09/27/22 20:40	108-88-3	
Xylene (Total)	**<0.20**	ug/L	3.0	0.20	1		09/27/22 20:40	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%.	75-125		1		09/27/22 20:40	2199-69-1	
4-Bromofluorobenzene (S)	98	%.	75-125		1		09/27/22 20:40	460-00-4	
Toluene-d8 (S)	96	%.	75-125		1		09/27/22 20:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

QC Batch: 842837 — Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx — Analysis Description: NWTPH-Gx Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10626816001, 10626816002, 10626816003, 10626816007, 10626816008, 10626816010

METHOD BLANK: 4460692 — Matrix: Water
Associated Lab Samples: 10626816001, 10626816002, 10626816003, 10626816007, 10626816008, 10626816010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH as Gas	ug/L	<22.6	100	22.6	09/26/22 15:48	
a,a,a-Trifluorotoluene (S)	%.	100	50-150		09/26/22 15:48	

LABORATORY CONTROL SAMPLE & LCSD: 4460694 4460695

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	904	915	90	91	75-125	1	20	
a,a,a-Trifluorotoluene (S)	%.				104	101	50-150			

SAMPLE DUPLICATE: 4460696

Parameter	Units	10626816003 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	49800	50800	2	30	E
a,a,a-Trifluorotoluene (S)	%.	105	103			

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: Z076000087 P66 Burien
Pace Project No.: 10626816

QC Batch: 842957 | Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx | Analysis Description: NWTPH-Gx Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10626816004, 10626816005, 10626816006, 10626816009

METHOD BLANK: 4461131 Matrix: Water
Associated Lab Samples: 10626816004, 10626816005, 10626816006, 10626816009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH as Gas	ug/L	<22.6	100	22.6	09/27/22 11:37	
a,a,a-Trifluorotoluene (S)	%.	103	50-150		09/27/22 11:37	

LABORATORY CONTROL SAMPLE & LCSD: 4461133 4461134

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	857	877	86	88	75-125	2	20	
a,a,a-Trifluorotoluene (S)	%.				106	106	50-150			

SAMPLE DUPLICATE: 4461135

Parameter	Units	10626816004 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	2310	2020	13	30	
a,a,a-Trifluorotoluene (S)	%.	105	105			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

QC Batch: 842563
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10626816001, 10626816002, 10626816003, 10626816004, 10626816005, 10626816006, 10626816007, 10626816008, 10626816010

METHOD BLANK: 4459850 Matrix: Water
Associated Lab Samples: 10626816001, 10626816002, 10626816003, 10626816004, 10626816005, 10626816006, 10626816007, 10626816008, 10626816010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	<2.6	10.0	2.6	09/28/22 12:39	

LABORATORY CONTROL SAMPLE: 4459851

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1000	951	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4459852 4459853

Parameter	Units	10626816001 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	963	950	96	95	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

QC Batch: 842561
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D Water Dissolved
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10626816001, 10626816002, 10626816003, 10626816004, 10626816005, 10626816006, 10626816007, 10626816008, 10626816010

METHOD BLANK: 4459842 Matrix: Water
Associated Lab Samples: 10626816001, 10626816002, 10626816003, 10626816004, 10626816005, 10626816006, 10626816007, 10626816008, 10626816010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead, Dissolved	ug/L	<2.6	10.0	2.6	09/28/22 12:12	

LABORATORY CONTROL SAMPLE: 4459843

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead, Dissolved	ug/L	1000	1020	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4459844 4459845

Parameter	Units	10626816001 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	1020	966	101	97	75-125	5	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

QC Batch: 841822
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV 465 W
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10626816001, 10626816002, 10626816004

METHOD BLANK: 4455404 Matrix: Water
Associated Lab Samples: 10626816001, 10626816002, 10626816004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	09/27/22 11:21	
Chloroform	ug/L	<0.23	1.0	0.23	09/27/22 11:21	
Ethylbenzene	ug/L	<0.11	1.0	0.11	09/27/22 11:21	
Toluene	ug/L	<0.10	1.0	0.10	09/27/22 11:21	
Xylene (Total)	ug/L	<0.20	3.0	0.20	09/27/22 11:21	
1,2-Dichlorobenzene-d4 (S)	%.	101	75-125		09/27/22 11:21	
4-Bromofluorobenzene (S)	%.	93	75-125		09/27/22 11:21	
Toluene-d8 (S)	%.	106	75-125		09/27/22 11:21	

LABORATORY CONTROL SAMPLE: 4455405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	19.2	96	73-125	
Chloroform	ug/L	20	18.7	93	74-125	
Ethylbenzene	ug/L	20	19.7	99	75-125	
Toluene	ug/L	20	18.2	91	74-125	
Xylene (Total)	ug/L	60	59.7	100	72-125	
1,2-Dichlorobenzene-d4 (S)	%.			102	75-125	
4-Bromofluorobenzene (S)	%.			94	75-125	
Toluene-d8 (S)	%.			98	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4463343 4463344

Parameter	Units	10626816001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.10	20	20	24.1	22.2	120	111	65-140	8	30	
Chloroform	ug/L	0.54J	20	20	23.5	21.4	115	104	54-148	9	30	
Ethylbenzene	ug/L	0.14J	20	20	24.3	22.9	121	114	66-126	6	30	
Toluene	ug/L	0.14J	20	20	23.0	21.0	114	104	69-131	9	30	
Xylene (Total)	ug/L	0.52J	60	60	74.3	69.9	123	116	68-136	6	30	
1,2-Dichlorobenzene-d4 (S)	%.						99	100	75-125			
4-Bromofluorobenzene (S)	%.						90	91	75-125			
Toluene-d8 (S)	%.						97	96	75-125			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

QC Batch: 843173
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV 465 W
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10626816005, 10626816006, 10626816007, 10626816009, 10626816010

METHOD BLANK: 4462219 Matrix: Water
Associated Lab Samples: 10626816005, 10626816006, 10626816007, 10626816009, 10626816010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	09/27/22 20:24	
Chloroform	ug/L	<0.23	1.0	0.23	09/27/22 20:24	
Ethylbenzene	ug/L	<0.11	1.0	0.11	09/27/22 20:24	
Toluene	ug/L	<0.10	1.0	0.10	09/27/22 20:24	
Xylene (Total)	ug/L	<0.20	3.0	0.20	09/27/22 20:24	
1,2-Dichlorobenzene-d4 (S)	%.	101	75-125		09/27/22 20:24	
4-Bromofluorobenzene (S)	%.	103	75-125		09/27/22 20:24	
Toluene-d8 (S)	%.	94	75-125		09/27/22 20:24	

LABORATORY CONTROL SAMPLE: 4462220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	18.3	91	73-125	
Chloroform	ug/L	20	19.0	95	74-125	
Ethylbenzene	ug/L	20	18.8	94	75-125	
Toluene	ug/L	20	17.7	89	74-125	
Xylene (Total)	ug/L	60	56.0	93	72-125	
1,2-Dichlorobenzene-d4 (S)	%.			101	75-125	
4-Bromofluorobenzene (S)	%.			105	75-125	
Toluene-d8 (S)	%.			100	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4462230 4462231

Parameter	Units	10627567001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	2540	5000	5000	6090	6080	71	71	65-140	0	30	
Chloroform	ug/L	ND	5000	5000	3760	3740	75	75	54-148	1	30	
Ethylbenzene	ug/L	1630	5000	5000	5610	5640	80	80	66-126	1	30	
Toluene	ug/L	3590	5000	5000	6990	6920	68	67	69-131	1	30	M1
Xylene (Total)	ug/L	10500	15000	15000	22600	23000	80	83	68-136	2	30	
1,2-Dichlorobenzene-d4 (S)	%.						87	86	75-125			
4-Bromofluorobenzene (S)	%.						100	101	75-125			
Toluene-d8 (S)	%.						92	90	75-125			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

QC Batch: 843681
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV 465 W
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10626816008

METHOD BLANK: 4464522 Matrix: Water
Associated Lab Samples: 10626816008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	09/29/22 20:38	
Chloroform	ug/L	<0.23	1.0	0.23	09/29/22 20:38	
Ethylbenzene	ug/L	<0.11	1.0	0.11	09/29/22 20:38	
Toluene	ug/L	<0.10	1.0	0.10	09/29/22 20:38	
Xylene (Total)	ug/L	<0.20	3.0	0.20	09/29/22 20:38	
1,2-Dichlorobenzene-d4 (S)	%.	96	75-125		09/29/22 20:38	
4-Bromofluorobenzene (S)	%.	92	75-125		09/29/22 20:38	
Toluene-d8 (S)	%.	95	75-125		09/29/22 20:38	

LABORATORY CONTROL SAMPLE & LCSD: 4464523 4464524

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	ug/L	20	19.8	19.9	99	99	73-125	0	20	
Chloroform	ug/L	20	20.3	20.0	101	100	74-125	1	20	
Ethylbenzene	ug/L	20	20.5	20.6	102	103	75-125	1	20	
Toluene	ug/L	20	18.6	18.7	93	94	74-125	1	20	
Xylene (Total)	ug/L	60	60.9	60.7	101	101	72-125	0	20	
1,2-Dichlorobenzene-d4 (S)	%.				96	96	75-125			
4-Bromofluorobenzene (S)	%.				94	95	75-125			
Toluene-d8 (S)	%.				97	97	75-125			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

QC Batch: 843993
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV 465 W
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10626816003

METHOD BLANK: 4466274 Matrix: Water
Associated Lab Samples: 10626816003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	09/30/22 18:35	
Chloroform	ug/L	<0.23	1.0	0.23	09/30/22 18:35	
Ethylbenzene	ug/L	<0.11	1.0	0.11	09/30/22 18:35	
Toluene	ug/L	<0.10	1.0	0.10	09/30/22 18:35	
Xylene (Total)	ug/L	<0.20	3.0	0.20	09/30/22 18:35	
1,2-Dichlorobenzene-d4 (S)	%.	100	75-125		09/30/22 18:35	
4-Bromofluorobenzene (S)	%.	98	75-125		09/30/22 18:35	
Toluene-d8 (S)	%.	99	75-125		09/30/22 18:35	

LABORATORY CONTROL SAMPLE & LCSD: 4466275 4466276

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	ug/L	20	18.9	19.7	94	98	73-125	4	20	
Chloroform	ug/L	20	18.8	19.5	94	97	74-125	3	20	
Ethylbenzene	ug/L	20	20.0	20.1	100	101	75-125	1	20	
Toluene	ug/L	20	18.7	19.3	93	97	74-125	3	20	
Xylene (Total)	ug/L	60	59.8	61.6	100	103	72-125	3	20	
1,2-Dichlorobenzene-d4 (S)	%.				102	102	75-125			
4-Bromofluorobenzene (S)	%.				100	101	75-125			
Toluene-d8 (S)	%.				99	99	75-125			

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

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: 841822

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

[1] The continuing calibration verification was below the method acceptance limit for dichlorodifluoromethane, chloromethane, allyl chloride, 1,2-dibromo-3-chloropropane . The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

Batch: 842837

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

Batch: 842957

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

Batch: 843681

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

[1] The continuing calibration verification was below the method acceptance limit for acetone, 2-butanone, tetrahydrofuran, 4-methyl-2-pentanone, 1,2-dibromo-3-chloropropane, and naphthalene. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

[2] The continuing calibration verification was above the method acceptance limit hexachloro-1,3-butadiene,sec-butylbenzene, tetrachloroethene, n-butylbenzene, and p-isopropyltoluene. Any detection for the analyte in the associated samples may have a high bias.

Batch: 843993

[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

QUALIFIERS

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

ANALYTE QUALIFIERS

C0	Result confirmed by second analysis.
D4	Sample was diluted due to the presence of high levels of target analytes.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Z076000087 P66 Burien
Pace Project No.: 10626816

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10626816001	**GW-10D**	NWTPH-Gx	842837		
10626816002	**GW-13D**	NWTPH-Gx	842837		
10626816003	**GW-14S**	NWTPH-Gx	842837		
10626816004	**GW-14D**	NWTPH-Gx	842957		
10626816005	**GW-14V**	NWTPH-Gx	842957		
10626816006	**GW-15S**	NWTPH-Gx	842957		
10626816007	**GW-15D**	NWTPH-Gx	842837		
10626816008	**GWR-18D**	NWTPH-Gx	842837		
10626816009	**Trip Blank**	NWTPH-Gx	842957		
10626816010	**GW-13S**	NWTPH-Gx	842837		
10626816001	**GW-10D**	EPA 3010A	842563	EPA 6010D	842985
10626816002	**GW-13D**	EPA 3010A	842563	EPA 6010D	842985
10626816003	**GW-14S**	EPA 3010A	842563	EPA 6010D	842985
10626816004	**GW-14D**	EPA 3010A	842563	EPA 6010D	842985
10626816005	**GW-14V**	EPA 3010A	842563	EPA 6010D	842985
10626816006	**GW-15S**	EPA 3010A	842563	EPA 6010D	842985
10626816007	**GW-15D**	EPA 3010A	842563	EPA 6010D	842985
10626816008	**GWR-18D**	EPA 3010A	842563	EPA 6010D	842985
10626816010	**GW-13S**	EPA 3010A	842563	EPA 6010D	842985
10626816001	**GW-10D**	EPA 3010A	842561	EPA 6010D	842982
10626816002	**GW-13D**	EPA 3010A	842561	EPA 6010D	842982
10626816003	**GW-14S**	EPA 3010A	842561	EPA 6010D	842982
10626816004	**GW-14D**	EPA 3010A	842561	EPA 6010D	842982
10626816005	**GW-14V**	EPA 3010A	842561	EPA 6010D	842982
10626816006	**GW-15S**	EPA 3010A	842561	EPA 6010D	842982
10626816007	**GW-15D**	EPA 3010A	842561	EPA 6010D	842982
10626816008	**GWR-18D**	EPA 3010A	842561	EPA 6010D	842982
10626816010	**GW-13S**	EPA 3010A	842561	EPA 6010D	842982
10626816001	**GW-10D**	EPA 8260D	841822		
10626816002	**GW-13D**	EPA 8260D	841822		
10626816003	**GW-14S**	EPA 8260D	843993		
10626816004	**GW-14D**	EPA 8260D	841822		
10626816005	**GW-14V**	EPA 8260D	843173		
10626816006	**GW-15S**	EPA 8260D	843173		
10626816007	**GW-15D**	EPA 8260D	843173		
10626816008	**GWR-18D**	EPA 8260D	843681		
10626816009	**Trip Blank**	EPA 8260D	843173		
10626816010	**GW-13S**	EPA 8260D	843173		

WO# : 10626816

10626816

CHAIN-OF-CUSTODY / Analytical Request Docun

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	ATC Group Services LLC	Report To:	Elisabeth Silver	Attention:	Elisabeth Silver
Address:	6347 Seaview Ave NW	Copy To:		Company Name:	ATC Group Services LLC
	Seattle, WA 98107			Address:	6347 Seaview Ave NW, Seattle, WA 98107
Email:	elisabeth.silver@atcgs.com	Purchase Order #:		Pace Quote:	
Phone:	(206)781-1449 Fax:	Project Name:	P66 Burien	Pace Project Manager:	jennifer.gross@pacelabs.com,
Requested Due Date:	Standard 5-7	Project #:	7.076000037	Pace Profile #:	39765 / 2

Regulatory Agency

State / Location: WA

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test (Y/N)	Requested Analysis Filtered (Y/N)	BTEX by 8260	NWTPH-Gx	Total Lead	Dissolved Lead (Field Filtered)	Benzo-a-Pyrene	Chloroform	Residual Chlorine (Y/N)	
1	GW-10D	WT	G	9/20/22	1410				8			2	G							X	X	X	X	X	X		001
2	GW-13S			9/21/22	1130																						002
3	GW-13D			9/21/22	[illegible]		1220																				003
4	GW-14S			9/20/22	1530																						004
5	GW-14D			9/20/22	1615																						005
6	GW-14V			9/21/22	1020																						006
7	GW-15S			9/21/22	1545																						007
8	GW-15D			9/21/22	1510																						008
9	GWR-18D			9/20/22	1332																						009
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
please sample for Benzo-a-pyrene & chloroform if possible w/ provided samples! Thanks MD	Melody Ryback	9/22/22	1500	[illegible] Pace	2.5 9/23/22 DD	0850	2.3

SAMPLER NAME AND SIGNATURE			TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Isabella Ancona					
SIGNATURE of SAMPLER:	Isabella A	DATE Signed: 9/21/22				

DC#_Title: ENV-FRM-MIN4-0150 v10_Sample Condition Upon Receipt (SCUR)
Effective Date: 8/26/2022

Sample Condition Upon Receipt

Client Name: ATC Group Services

Project #: **WO#: 10626816**

PM: JMG **Due Date: 09/30/22**

CLIENT: ATC_WA

Courier: ☑ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial KB 9/23/22

Tracking Number: 515016032733 ☑ 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 (1336) ☐ T3 (0459) ☐ T4 (0254) ☐ T5 (0178) ☐ T6 (0235) ☐ T7 (0042) ☐ T8 (0775) ☐ 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:** 2.3,2.8 °C

Correction Factor: +0.2 **Cooler Temp Corrected w/temp blank:** 2.5,3.0 °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:** KB 9/23/22

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?	☑ Yes	☐ No	☐ N/A	8.
-Pace Containers Used?	☑ Yes	☐ No		
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: One of GW-130 is broken ☐ See Exceptions ENV-FRM-MIN4-0142
All containers needing acid/base preservation have been checked?	☑ Yes	☐ No	☐ N/A	12. Sample # 001-009
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 ☐ H2SO4 2/2 ☑ HNO3 ☐ 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 208422 / 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. JMG 9/23/22 ☐ 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.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	Pace Trip Blank Lot # (if purchased): 372687(4)

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

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Jenni Gross **Date:** 9/23/22

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: KB **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 #: _____

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
515016032737	2.5
515016032744	3.0

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	

Comments:

_____

_____

_____

Qualtrax ID: 52763

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: 9/20/22	Page 1 of 3
ATC Representative(s): IA, MR	Project: Rdo Burien ADC 2003	
Role: Staff Scientists	Location: 12660 1st Ave, Burien	
Contact Information: (206) 781-1449	Project No: Z0760000087	Task No: --
Scope of Work: X Monitoring ___ Assessment __ Remediation ___ Closure	Weather: Sunny & clear	Temperature: mid 70's
	Contractor: NA	

Time:	Comments:		
900	meet onsite, don level D PPE, Daily tailgate		
915	gauge and determine TD & DTW @ All wells		
	Well	TD	DTW
1020	GW-8S	/	34.73
1014	GW-8D	/	76.12
1000	GW-10S	[illegible]	32.54
1009	GW-10D	/ 95.48	77.51
1039	GW-11D	[illegible] /	76.77
1033	GW-13S	[illegible] 49.69	33.48
1030	GW-13D	[illegible] 87.38	75.27
1119	GW-14S	[illegible] 50.60	41.06
1116	GW-14D	[illegible] 89.95	[illegible] 74.99
1111	GW-14V	153.02	128.59
1047	GW-15S	45.26	33.23
1044	GW-15D	74.88	51.37
1056	GW-16S	/	42.79
1053	GW-16D	/	77.44
1102	GW-17S	/	76.92
1058	GW-17D	/	47.86
1122	GWR-18S	55.02	53.56
1125	GWR-18D	91.86	76.32
1130	MOB to GWR-18S & GWR-18D, establish containment zone		
1310	purge start @ GWR-18D		

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: 9/20/22	Page 2 of 3
ATC Representative(s): IA, MR	Project: P66 AOC 2063	
Role: Staff Scientists	Location: Place Burien	
Contact Information: (206) 781-1449	Project No: 20760000084	Task No: --
Scope of Work: X Monitoring ___ Assessment __ Remediation ___ Closure	Weather: Clear	Temperature: Mid 70's
	Contractor: NA	

Time:	Comments:
1332	parameters stable, sample collected @ GWR-18D *
	Note: unable to collect sample from GWR-18S
1430	mob to GW-14S, GW-14D & GW-14V, establish containment zone
1509	purge start @ GW-14S
1530	parameters stable, sample collected @ GW-14S *
1558	purge start @ GW-14D
1615	parameters stable, sample collected @ GW-14D *
	~~purge start @ GW-14V~~
	~~parameters stable, sample collected @ GW-14V *~~
1645	mob offsite after clean up
	MR

Equipment Used:

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

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

ATC Branch: Seattle - 10282	Date: 9/21/22	Page 3 of 3
ATC Representative(s): IA, MR	Project: Pile MOC 2023	
Role: Staff Scientists	Location: Pile Burien	
Contact Information: (206) 781-1449	Project No: Z0760000[illegible]	Task No: -- NA
Scope of Work:	Weather: clear & sunny	Temperature: Mid 70's
☒ Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: NA	SMOKEY

Time:	Comments:
900	Arrive onsite, don level D PPE, perform daily tailgate
915	mob to GW-14V & establish containment zone
947	purge start @ GW-14V
1020	parameters stable, sample collected @ GW-14V *
1090	mob to GW-13S & GW-13D & establish containment zone
1100	purge start @ GW-13S
1130	parameters stable, sample collected @ GW-13S *
1152	purge start @ GW-13D
1220	parameters stable, sample collected @ GW-13D *
1315	mob to GW-10D, establish containment Zone
1340	purge start @ GW-10D
1410	parameters stable, sample collected @ GW-10D *
1430	mob to GW-15S & GW-15D, establish containment Zone
1447	purge start @ GW-15D
1510	parameters stable, sample collected @ GW-15D *
1528	purge start @ GW-15S
1545	parameters stable, sample collected @ GW-15S *
1615	clean up equipment & site. mob offsite

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: 9/20-21/22

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

Contact Information: (206) 781-1449
Project No: 2076000087
Task No:
Weather: Sunny
Temperature:

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"	1014	1020	—	34.73	—	—	gauge only
GW-8D	2"	1013	1014	—	76.12	—	~~95.15~~	gauge only
GW-10S	2"	0959	1000	—	32.54	—	~~38.96~~	gauge only
• GW-10D	2"	1008	1009	—	77.51	—	95.48	
GW-11D	2"	1038	1039	—	76.77	—	—	gauge only
• GW-13S	2"	1029	1033	—	33.48	—	49.69	
• GW-13D	2"	1027	1030	—	75.27	—	87.38	
* GW-14S	2"	1118	1119	—	41.06	—	50.60	PO
* GW-14D	2"	1115	1116	—	74.99	—	89.95	PO
• GW-14V	2"	1110	1111	—	128.59	—	153.02	
• GW-15S	2"	1045	1047	—	33.23	—	45.26	
• GW-15D	2"	1043	1044	—	51.37	—	74.88	
GW-16S	2"	1055	1056	—	42.79	—	—	gauge only
GW-16D	2"	1052	1053	—	77.44	—	—	gauge only
GW-17S	2"	1101	1102	—	76.92	—	—	gauge only

Comments:

All wells gauged 9/20/22

* = Sampled 9/20/22
• = Sampled 9/21/22

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: 9/20-21/22 | Page 2 of 2

ATC Representative(s): IA, MR | Project: | Location:

Contact Information: (206) 781-1449 | Project No: | Task No: | Weather: | Temperature:

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-17D	2"	1105	1106	—	47.86	—	—	gauge only
GWR-18S	2"	1122	1123	—	53.56	—	55.02	eff. dry-DNS
* GWR-18D	2"	1125	1126	—	76.32	—	91.86	

Comments:

All wells gauged 9/20/22

* = sampled 9/20/22

• = sampled 9/21/22

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.

Monitoring Well Purging and Sampling Log

ATLAS

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282	Date: 9/21/22	Page 1 of 1
ATC Representative(s): IA, MR	Project: P66 ADC 2063	
	Location: Burien	
Contact Information: (206) 781-1449	Project No: 2076000087	Task No: —
Well ID: GW-10D		
	Weather:	Temperature:

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) ~~~86' (85')~~ ~83' (82')

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

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

Monitoring Measurements

Depth to LNAPL (feet): —	Total Well Depth (feet): 95.48
Depth to Water (DTW)(feet): 77.51	Water Column (WC)(feet): 17.97
LNAPL Thickness (ft): —	Purging Start Time: 1340

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
1350	77.51	1.25	17.1	371.9	-6.67	11.57	6.86	171.9	
1353	77.51	1.50	17.3	364.8	-5.44	11.59	6.86	133.8	
1356	77.51	2.00	17.4	363.4	-4.03	11.60	6.85	99.0	
1359	77.51	2.25	17.4	363.7	-2.26	11.64	6.85	72.3	
1402	77.51	2.50	17.5	365.9	-0.26	11.60	6.85	60.5	

Sample Data

Sample ID: GW-10D	Time of Sample: 1410	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): 77.51	Approximate Flow Rate (GPM):
Recovery Type: X Fast ____ Slow	% Recovery = 100

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

Comments: Flow Rate - 62

ATLAS

Monitoring Well Purging and Sampling Log

FLD-103a
Revision 1.0
Jul-08

GW-10D

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 (± 10 mV)	Other
1405	77.51	2.75	17.5	364.9	2.05	11.59	6.84	51.9	

Comments:

ATLAS

Monitoring Well Purging and Sampling Log

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Revision 1.0
Jul-08

ATC Branch: Seattle - 10282
Date: 9/21/22
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:
Temperature:

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) ~41' (40')
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): 49.69
Depth to Water (DTW)(feet): 33.48
Water Column (WC)(feet): 16.21
LNAPL Thickness (ft): —
Purging Start Time: 1106

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
1116	35.06	1.50	16.6	324.7	70.47	3.58	6.93	3.4	
1119	34.60	1.75	17.3	325.0	67.80	3.73	6.91	-3.8	
1122	34.78	2.00	18.8	322.6	60.27	3.78	6.89	-7.7	
1125	34.76	2.25	17.4	309.9	60.79	4.30	6.86	-7.7	
1128	34.62	2.50	18.3	312.7	60.52	4.26	6.85	-9.8	

Sample Data

Sample ID: GW-13S
Time of Sample: 1130

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

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 35.06
Approximate Flow Rate (GPM):
Recovery Type: X Fast ____ Slow
% Recovery = 100

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

Comments: Flow Rate - 30

ATLAS

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282
Date: 9/21/22
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-13D
Weather:
Temperature:

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' (80')

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

Casing Volume Information

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

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

Purging Calculations

Casing Volumes (CV):

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

Monitoring Measurements

Depth to LNAPL (feet): —
Total Well Depth (feet): 87.38
Depth to Water (DTW)(feet): 75.27
Water Column (WC)(feet): 12.11
LNAPL Thickness (ft): —
Purging Start Time: 1152

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
1202	75.14	1.00	16.7	414.6	43.77	8.82	7.25	116.2	
1205	75.14	1.25	16.9	413.2	33.41	8.82	7.24	108.1	
1208	75.14	1.50	17.5	414.1	12.40	8.77	7.23	87.9	
1211	75.14	1.75	16.8	412.0	1.16	8.86	7.23	51.0	
1214	75.14	2.00	17.1	411.8	-5.80	8.79	7.22	3.1	

Sample Data

Sample ID: GW-13D
Time of Sample: 1210

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): 75.27
Approximate Flow Rate (GPM):
Recovery Type: X Fast ____ Slow
% Recovery = 100

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

Comments: Flow Rate – 60

ATLAS

Monitoring Well Purging and Sampling Log

FLD-103a
Revision 1.0
Jul-08

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 (± 10 mV)	Other
GW-13D 1217	75.14	2.25	16.8	411.9	-8.47	8.79	7.23	-0.3	

Comments:

ATLAS

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282
Date: 9/20/22
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-14S
Weather:
Temperature:

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' (45')

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

Casing Volume Information

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

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

Purging Calculations

Casing Volumes (CV):

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

Monitoring Measurements

Depth to LNAPL (feet): —
Total Well Depth (feet): 50.60

Depth to Water (DTW)(feet): 41.06
Water Column (WC)(feet): 9.54

LNAPL Thickness (ft): —
Purging Start Time: 1509

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
1519	~~42.35~~	1.25	17.2	488.0	CL	~~15.2~~	6.75	-32.7	
1522	42.50	1.50	17.2	495.0	CL	1.43	6.80	-44.5	
1525	42.75	1.75	17.3	503	CL	1.42	6.83	-57.2	
1528	42.80	2.00	17.5	509	CL	1.43	6.85	-63.4	

Sample Data

Sample ID: GW-14S
Time of Sample: 1530

Container Types, Volumes, & Quantities:

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

6-40ml VOAs
2-250ml PE

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 42.80
Approximate Flow Rate (GPM):

Recovery Type: X Fast ____ Slow
% Recovery = 100

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

Comments: Strong PO, Flow Rate - 34

Monitoring Well Purging and Sampling Log

ATLAS

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282
Date: 9/20/22
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-14D
Weather:
Temperature:

Purging & Sampling Instrumentation & Method

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

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

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

3 Well Volumes ____ Low Flow X Micro Purge ____ Intake Depth (feet below TOC) ~~~82'~~ ~76' (75')

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

Casing Volume Information

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

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

Purging Calculations

Casing Volumes (CV):

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

Monitoring Measurements

Depth to LNAPL (feet): —
Total Well Depth (feet): ~~89.95~~
Depth to Water (DTW)(feet): 74.99
Water Column (WC)(feet): ~~14.96~~ 4.96
LNAPL Thickness (ft): —
Purging Start Time: 1558

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
1608	—	1.25	17.2	631	157.55	3.22	6.93	34.5	
1611	—	1.50	17.2	633	53.82	3.22	6.92	28.0	
1614	—	1.75	16.9	634	16.90	3.20	6.93	25.1	

Sample Data

Sample ID: GW-14D
Time of Sample: 1615

Container Types, Volumes, & Quantities:
6-40ml VOAs
2-250ml PE

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

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet): —
Approximate Flow Rate (GPM):
Recovery Type: X Fast ____ Slow
% Recovery = 100

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

Comments: Flow Rate — 71

water level meter blocked by top of pump

ATLAS

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282
Date: 9/21/22
Page 1 of 1

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

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

Well ID: GW-14V
Weather:
Temperature:

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) ~140' (139')

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): 153.02
Depth to Water (DTW)(feet): 128.59
Water Column (WC)(feet): 24.43
LNAPL Thickness (ft): —
Purging Start Time: 0947

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
0957	128.55	0.50	15.5	357.8	153.41	6.65	6.82	159.2	
1000	128.54	0.75	15.7	357.8	195.71	6.74	6.79	145.2	
1003	128.54	1.00	15.6	357.9	227.76	6.75	6.62	129.1	
1006	128.54	1.25	16.0	358.5	306.21	6.76	6.56	100.8	
1009	128.54	1.50	16.2	359.0	284.70	6.76	6.50	67.4	

Sample Data

Sample ID: GW-14V
Time of Sample: 1020

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

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 128.59
Approximate Flow Rate (GPM):
Recovery Type: X Fast ____ Slow
% Recovery = 100

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

Comments: Flow Rate - 124

ATLAS

Monitoring Well Purging and Sampling Log

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Jul-08

GW-14V

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 * (± 10 mV)	Other
1012	128.54	1.75	16.6	359.5	246.87	6.41	6.78	42.0	
1015	128.54	2.00	16.6	359.4	200.03	~~6.80~~ 6.36	6.80	29.8	
1018	128.54	2.25	16.6	158.8	162.31	6.32	6.80	20.9	
~~1020~~									

Comments:

ATLAS

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282
Date: 9/21/22
Page 1 of 1

ATC Representative(s): IA, MP
Project: P66 AOC 2063
Location: Burien
Contact Information: (206) 781-1449
Project No: 2076000087
Task No: —

Well ID: GW-15S
Weather:
Temperature:

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) ~39'(38')
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): 45.26
Depth to Water (DTW)(feet): 33.23
Water Column (WC)(feet): 12.03
LNAPL Thickness (ft): —
Purging Start Time: 1528

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
1538	33.30	1.00	18.5	631	-8.01	2.31	6.87	-52.0	
1541	33.42	1.25	18.8	634	-8.24	2.29	6.88	-57.4	
1544	33.48	1.50	18.7	633	-7.61	2.32	6.89	-61.4	

Sample Data

Sample ID: GW-15S
Time of Sample: 1545

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): 33.48
Approximate Flow Rate (GPM):
Recovery Type: X Fast ____ Slow
% Recovery = 100

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

Comments: Flow Rate — 29

Monitoring Well Purging and Sampling Log

ATLAS

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282	Date: 9/21/22	Page 1 of 1
ATC Representative(s): IA, MR	Project: P66 AOC 2063	
	Location: Burien	
Contact Information: (206) 781-1449	Project No: Z076000087	Task No: —
Well ID: GW-15D		
	Weather:	Temperature:

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) ~60' (59')

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): 74.88
Depth to Water (DTW)(feet): 51.37	Water Column (WC)(feet): 23.51
LNAPL Thickness (ft): —	Purging Start Time: 1447

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
1457	53.89	1.00	17.8	362.1	-8.39	4.77	6.70	121.0	
1500	53.81	1.25	17.9	359.2	-9.29	4.53	6.67	91.3	
1503	53.90	1.50	18.1	360.4	-8.94	4.46	6.65	77.3	
1506	53.85	1.75	18.0	359.2	-7.14	4.40	6.64	63.4	
1509	53.79	2.00	18.1	358.9	-6.16	4.39	6.64	54.0	

Sample Data

Sample ID: GW-15D	Time of Sample: 1510	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet): 53.90	Approximate Flow Rate (GPM):
Recovery Type: X Fast ____ Slow	% Recovery = 100

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

Comments: Flow Rate - 43

ATLAS

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282	Date: 9/20/22	Page 1 of 1
ATC Representative(s): IA, MR	Project: PGG AOC 2063	
	Location: Burien	
Contact Information: (206) 781-1449	Project No: 207600087	Task No: —
Well ID: GWR-18D	Weather:	Temperature:

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) ~83' (82')

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

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

Monitoring Measurements

Depth to LNAPL (feet): —	Total Well Depth (feet): 91.86
Depth to Water (DTW)(feet): 76.32	Water Column (WC)(feet): 15.54
LNAPL Thickness (ft): —	Purging Start Time: 1310

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity NTU	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1320	77.12	1.50	16.34	289	CL	2.38	8.57	3.1	
1323	77.12	1.75	16.44	292	CL	1.27	8.56	3.5	
1326	77.12	2.00	16.57	295	CL	0.97	8.57	4.7	
1329	77.12	2.25	16.57	297	CL	0.83	8.52	6.0	
1332	77.12	2.50	16.60	299	CL	0.77	8.45	7.8	

Sample Data

Sample ID: GWR-18D	Time of Sample: 1332	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet): 77.12	Approximate Flow Rate (GPM):
Recovery Type: X Fast ____ Slow	% Recovery = 100

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

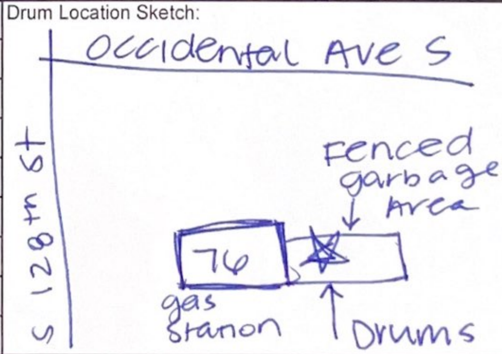
Comments: Flow Rate - 63

ATLAS	Drum Inventory Log	FLD-108 Revision 0.0 Jul-08

ATC Branch: Seattle - 10282	Date: 9/20-21/22
	Page 1 of 1
ATC Representative(s): IA, MR	Project: P66 AOC 2063
Contact Information: (206) 781-1449	Location: P66 Burien
Scope of Work:	Project No: Z076000087
	Task No:
X Monitoring ___ Assessment ___ Remediation ___ Closure	

Drum ID	Source ID(s)	Type of Material (Soil / Sludge / Water)	Quantity of Material in Drum	Date Waste Generated
55 gal Black Steele 1	GW-10D-GWR-100	Water	20 gal	9/20-21/22
2	↓	↓	50 gal	unk
3	↓	↓	↓	↓
4	↓	↓	↓	↓
5	↓	↓	↓	↓
6	↓	↓	↓	↓

Comments:	Drum Location Sketch:



Photographs (Y/N)	
Date Drum Pickup Scheduled:	# of Drums From This Event:
Verified Pick up:	Total # of Drums at Site:

APPENDIX C

WASTE DISPOSAL DOCUMENTATION

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

492321

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
WAVSQG	2	888-785-7225	393013/D475924

GENERATOR

5. Generator's Name and Mailing Address
Phillips 66 No. 2603145 c/o ACT Group
6347 Seaview Ave NW
Seattle, WA 98107
Generator's Phone: 206-781-1449

Generator's Site Address (if different than mailing address)
Phillips 66 No. 2603145
18010 East Valley Hwy
Kent, WA 98032

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

7. Transporter 2 Company Name: NRC Environmental Services — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Chemical Waste Management of the Northwest
17629 Cedar Springs Lane
Arlington, OR 97812
Facility's Phone: 541-454-2030
U.S. EPA ID Number: CAR000030114 / ORD089452353

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA/Non-DOT Regulated Material Liquid (GROUNDWATER)	2	DM	1000	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) OR350690 PHC- 2X55 Project Number 393013 Document #: D475924

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

Generator's/Offeror's Printed/Typed Name: Elisabeth Silver for Plog — Signature: Elisabeth Silver — Month: 10 — Day: 18 — Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ted PAVINICH — Signature: — Month: 10 — Day: 28 — Year: 22

Transporter 2 Printed/Typed Name: Greg Hank — Signature: — Month: 11 — Day: 4 — Year: 22

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

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

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

Printed/Typed Name: Shawn Dunlop — Signature: — Month: 11 — Day: 22 — Year: 22

DESIGNATED FACILITY TO GENERATOR

492321

NON-HAZARDOUS WASTE MANIFEST
(Continuation Sheet)

19. Generator ID Number	20. Page	21. Waste Tracking Number
WAVSQG	2 of 2	393013/D475924

22. Generator's Name
Phillips 66 No. 2603145
18010 East Valley Hwy
Kent, WA 98032

23. Transporter 2 Company Name: Union Pacific Railroad — U.S. EPA ID Number: NED001792910

24. Transporter _____ Company Name — U.S. EPA ID Number:

	25. Waste Shipping Name and Description	26. Containers No.	26. Containers Type	27. Total Quantity	28. Unit Wt./Vol.	

29. Special Handling Instructions and Additional Information

TRANSPORTOR

30. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JR		11	4	24

31. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

32. Discrepancy