ENVIRONMENTAL • GEOTECHNICAL
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GROUNDWATER MONITORING REPORT
(2018 Annual Report)

Phillips 66 Facility No. 255353 (AOC #1396)
600 Westlake Avenue North
Seattle, Washington
Washington State Department of Ecology VCP No. NW1714

Submitted to:
Ms. Jing Song
Washington State Department of Ecology
3190 160th Avenue Southeast
Bellevue, Washington 98008-5452

Submitted on behalf of:
Ed Ralston
Phillips 66 Company
Remediation Management
76 Broadway
Sacramento, California 95818

Submitted by:
ATC Group Services LLC
6347 Seaview Avenue Northwest
Seattle, Washington 98107

ATC Project No. Z076000073
April 2, 2019

Aynalem Degefa, L.G.
Staff Geologist

Elisabeth Silver, L.G.
Senior Project Manager

GROUNDWATER MONITORING REPORT
(2018 Annual Report)
Phillips 66 Facility No. 255353 (AOC #1396)
600 Westlake Avenue North
Seattle, Washington

SITE INFORMATION:

ATC Contact Person:	Elisabeth Silver, L.G.
Date of previous sampling events:	12/12/17 & 12/13/17
Current remediation technique(s):	Soil Vapor Extraction / Air Sparge
Ecology VCP Number:	NW1714

FIELD ACTIVITY, 1st Half 2018:

Date(s) monitored and/or sampled:	6/13/18
Wells monitored:	Four (MWR-5, MWR-6, MW-213 and MW-215). MWR-1 and MW-45 were inaccessible
Wells sampled:	Two (MWR-5, MW-213)
Purging method:	Low flow purging using peristaltic pump and dedicated polyethylene tube.
Sampling method:	Low flow purging using peristaltic pump and dedicated polyethylene tube.

SITE HYDROGEOLOGY (06/13/18):

Minimum depth to groundwater (feet below top of casing [TOC]):	8.66 (MWR-5)
Maximum depth to groundwater (feet below TOC):	10.94 (MWR-6)
Average groundwater elevation (feet):	18.42
Change in average groundwater elevation since previous monitoring event (feet):	8.88
Approximate groundwater gradient/flow direction:	0.0028 ft/ft Southeast
Previous groundwater gradient/flow direction:	0.04 ft/ft Northeast

GROUNDWATER CONDITIONS (06/13/18)

Minimum dissolved phase gasoline-range hydrocarbon concentration excluding "non-detects" (micrograms per liter [µg/L]):	152 (MW-213)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L):	11,000 (MWR-5)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L) observed previous sampling event:	713 (MWR-5)
Minimum dissolved phase benzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	1.4 (MW-213)
Maximum dissolved phase benzene concentration (µg/L):	5.9 (MWR-5)
Maximum dissolved phase benzene concentration (µg/L) observed previous sampling event:	All wells sampled "non-detect"
Minimum dissolved phase toluene concentration excluding "non-detects" (micrograms per liter [µg/L]):	0.13J (MW-213)
Maximum dissolved phase toluene concentration (µg/L):	1.4 (MWR-5)
Maximum dissolved phase toluene concentration (µg/L) observed previous sampling event:	All wells sampled "non-detect"
Minimum dissolved phase ethylbenzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	2.5 (MW-213)
Maximum dissolved phase ethylbenzene concentration (µg/L):	72.8 (MWR-5)
Maximum dissolved phase ethylbenzene concentration (µg/L) observed previous sampling event:	2.4 (MWR-5)
Minimum dissolved phase total xylenes concentration excluding "non-detects" (micrograms per liter [µg/L]):	<0.13 (MW-213)
Maximum dissolved phase total xylenes concentration (µg/L):	511 (MWR-5)
Maximum dissolved phase total xylenes concentration (µg/L) observed previous sampling event:	20.3 (MWR-5)
Minimum total lead concentration excluding "non-detects" (micrograms per liter [µg/L]):	2.4J (MWR-5)
Maximum total lead concentration (µg/L):	2.8J (MW-213)
Maximum total lead concentration (µg/L) observed previous sampling event:	All wells sampled "non-detect"

Minimum dissolved lead concentration excluding "non-detects" (micrograms per liter [µg/L]):	<2.0 (MWR-5)
Maximum dissolved lead concentration (µg/L):	2.6 J (MW-213)
Maximum dissolved lead concentration (µg/L) observed previous sampling event:	All wells sampled "non-detect"

FIELD ACTIVITY, 2nd Half 2018:

Date(s) monitored and/or sampled:	01/03-04/2019
Wells monitored:	Eight (MWR-5, MW-45, MW-211, MW-213, MW-215, MW-216, MW-217, and MW-218). SMW-3 and MW-219 were inaccessible.
Wells sampled:	Eight (MWR-5, MW-45, MW-211, MW-213, MW-215, MW-216, MW-217, and MW-218)
Purging method:	Low flow purging using peristaltic pump and dedicated polyethylene tube.
Sampling method:	Low flow purging using peristaltic pump and dedicated polyethylene tube.

SITE HYDROGEOLOGY (01/03/19):

Minimum depth to groundwater (feet below top of casing [TOC]):	7.72 (MWR-5)
Maximum depth to groundwater (feet below TOC):	11.38 (MW-217)
Average groundwater elevation (feet):	18.72
Change in average groundwater elevation since previous monitoring event (feet):	-0.07
Approximate groundwater gradient/flow direction:	0.0035 Northeast, 0.0029 Southwest
Previous groundwater gradient/flow direction:	0.04 ft/ft Northeast

GROUNDWATER CONDITIONS (01/03/19)

Minimum dissolved phase gasoline-range hydrocarbon concentration excluding "non-detects" (micrograms per liter [µg/L]):	104 (MW-218)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L):	43,000 (MWR-5)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L) observed previous sampling event:	11,000 (MWR-5)
Minimum dissolved phase benzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	0.20J (MW-217)
Maximum dissolved phase benzene concentration (µg/L):	20.9 (MWR-5)
Maximum dissolved phase benzene concentration (µg/L) observed previous sampling event:	5.9 (MWR-5)
Minimum dissolved phase toluene concentration excluding "non-detects" (micrograms per liter [µg/L]):	0.20J (MW-216)
Maximum dissolved phase toluene concentration (µg/L):	19.3 (MW-217)
Maximum dissolved phase toluene concentration (µg/L) observed previous sampling event:	1.5 (MWR-5)
Minimum dissolved phase ethylbenzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	1.1 (MW-217)
Maximum dissolved phase ethylbenzene concentration (µg/L):	1,180 (MWR-5)
Maximum dissolved phase ethylbenzene concentration (µg/L) observed previous sampling event:	72.8 (MWR-5)
Minimum dissolved phase total xylenes concentration excluding "non-detects" (micrograms per liter [µg/L]):	3.1 (MW-217)
Maximum dissolved phase total xylenes concentration (µg/L):	4,282 (MWR-5)
Maximum dissolved phase total xylenes concentration (µg/L) observed previous sampling event:	511 (MWR-5)
Minimum total lead concentration excluding "non-detects" (micrograms per liter [µg/L]):	All wells sampled "non-detect"
Maximum total lead concentration (µg/L):	All wells sampled "non-detect"

Maximum total lead concentration (µg/L) observed previous sampling event:	2.8J (MW-213)
Minimum dissolved lead concentration excluding "non-detects" (micrograms per liter [µg/L]):	All wells sampled "non-detect"
Maximum dissolved lead concentration (µg/L):	2.1J (MW-45)
Maximum dissolved lead concentration (µg/L) observed previous sampling event:	2.6 J (MW-213)

ADDITIONAL INFORMATION AND COMMENTS:

During the June 13, 2018 event, select wells were monitored, including MWR-5, MWR-6, MW-213 and MW-215. Wells MWR-1 and MW-45 could not be located due to ongoing construction at the site. Average groundwater elevation during the June groundwater monitoring event was 18.42 feet. Analysis results reported from samples collected at MWR-5 and MW-213 indicate gasoline range hydrocarbons, BTEX and lead above laboratory minimum detection limit. Gasoline range hydrocarbon and benzene were detected above the MTCA Method A Cleanup Levels for the groundwater sample at MWR-5.

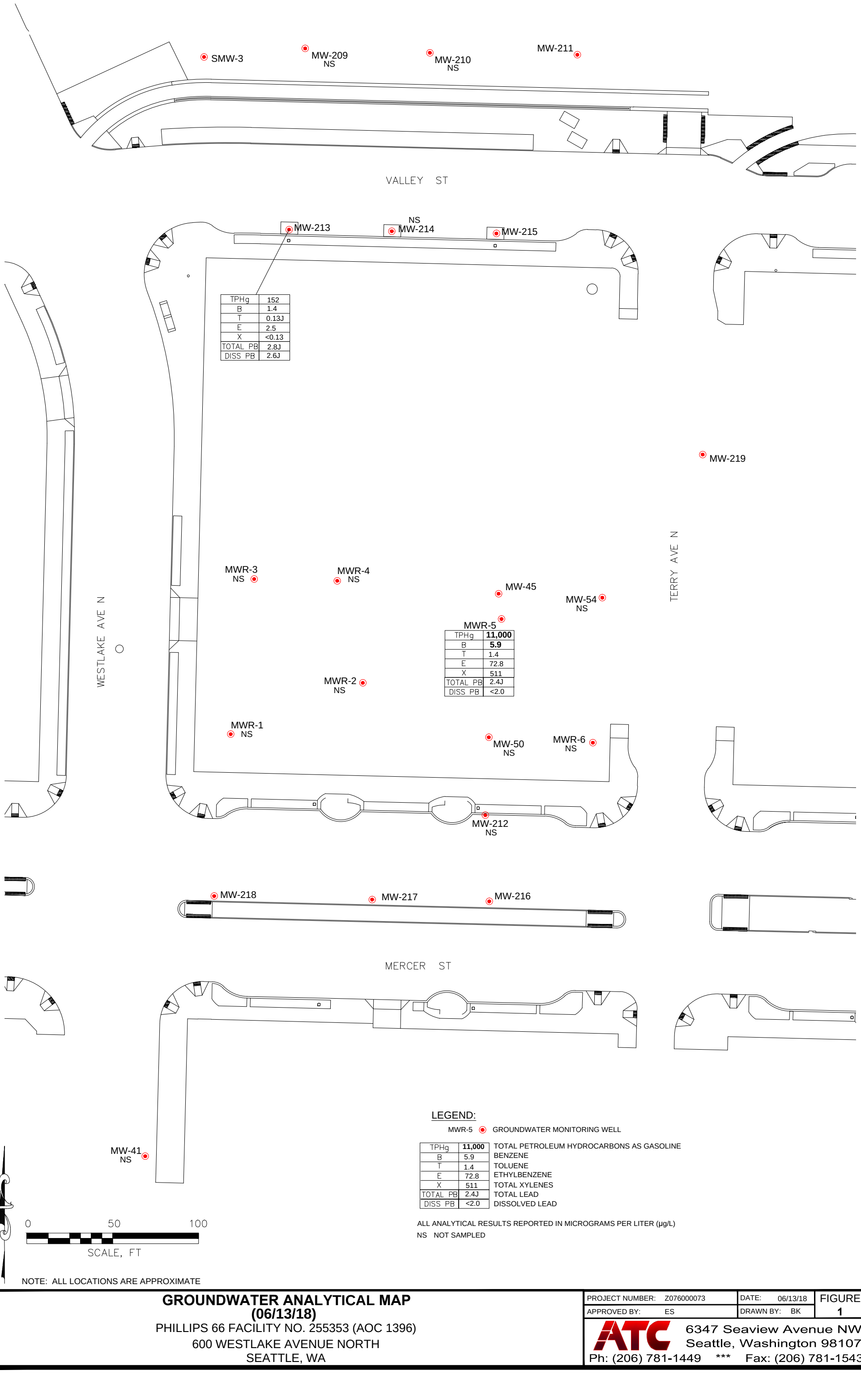
During the January 03-04, 2019 event, eight monitoring wells including (MWR-5, MW-45, MW-211, MW-213, MW-215, MW-216, MW-217, and MW-218) were monitored and sampled. Two wells (SMW-3 MW-219) could not be located because of ongoing construction on site). Three downgradient wells were sampled, as requested by Ecology, which confirmed that impacted groundwater onsite is not migrating to Lake Union. Downgradient well sampling will be continued in future events. Average groundwater elevation during the January groundwater monitoring event was 18.70 feet. Gasoline range hydrocarbons were detected above the MTCA Method A Cleanup Level from samples at MWR-5 and MW-45. Benzene, ethyl benzene, and total yylenes, were also detected above MTCA Method A Cleanup Levels from sample at MWR-5.

Approximately 7.35 gallons of purge water was generated during this groundwater monitoring event. Purged water was contained in a 20 gal drum on site for proper disposal.

ATTACHMENTS:

Figure 1 Groundwater Analytical Map (06/13/18)
Figure 2 Groundwater Conditions Map (06/13/18)
Figure 3 Groundwater Analytical Map (01/03-04/19)
Figure 4 Groundwater Conditions Map (01/03/19)
Table 1 Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Appendix A Laboratory Analytical Data Report and Chain of Custody Document
Appendix B Field Reports / Groundwater Gauging and Sampling Logs

FIGURES



LEGEND:

MWR-5 GROUNDWATER MONITORING WELL

TPHg	**11,000** TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	5.9 BENZENE
T	1.4 TOLUENE
E	72.8 ETHYLBENZENE
X	511 TOTAL XYLENES
TOTAL PB	2.4J TOTAL LEAD
DISS PB	<2.0 DISSOLVED LEAD

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

NS NOT SAMPLED

NOTE: ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER ANALYTICAL MAP (06/13/18)

PHILLIPS 66 FACILITY NO. 255353 (AOC 1396)

600 WESTLAKE AVENUE NORTH

SEATTLE, WA

PROJECT NUMBER: Z076000073		DATE: 06/13/18	FIGURE 1
APPROVED BY: ES		DRAWN BY: BK	

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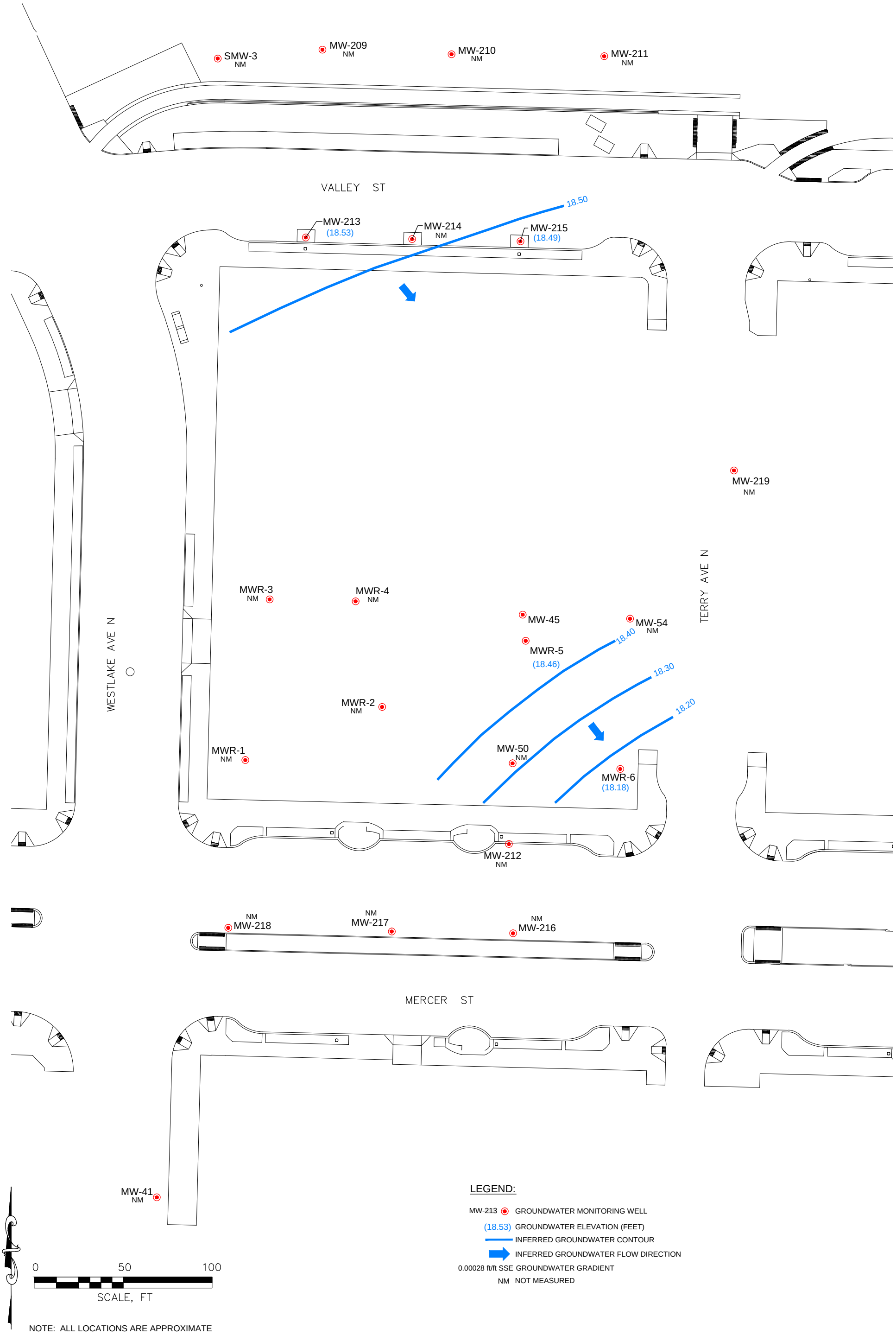

NOTE: ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER CONDITIONS MAP (06/13/18)

PHILLIPS 66 FACILITY NO. 255353 (AOC 1396)
600 WESTLAKE AVENUE NORTH
SEATTLE, WA

PROJECT NUMBER: Z076000073		DATE: 02/05/19	FIGURE 2
APPROVED BY: ES		DRAWN BY: BK	

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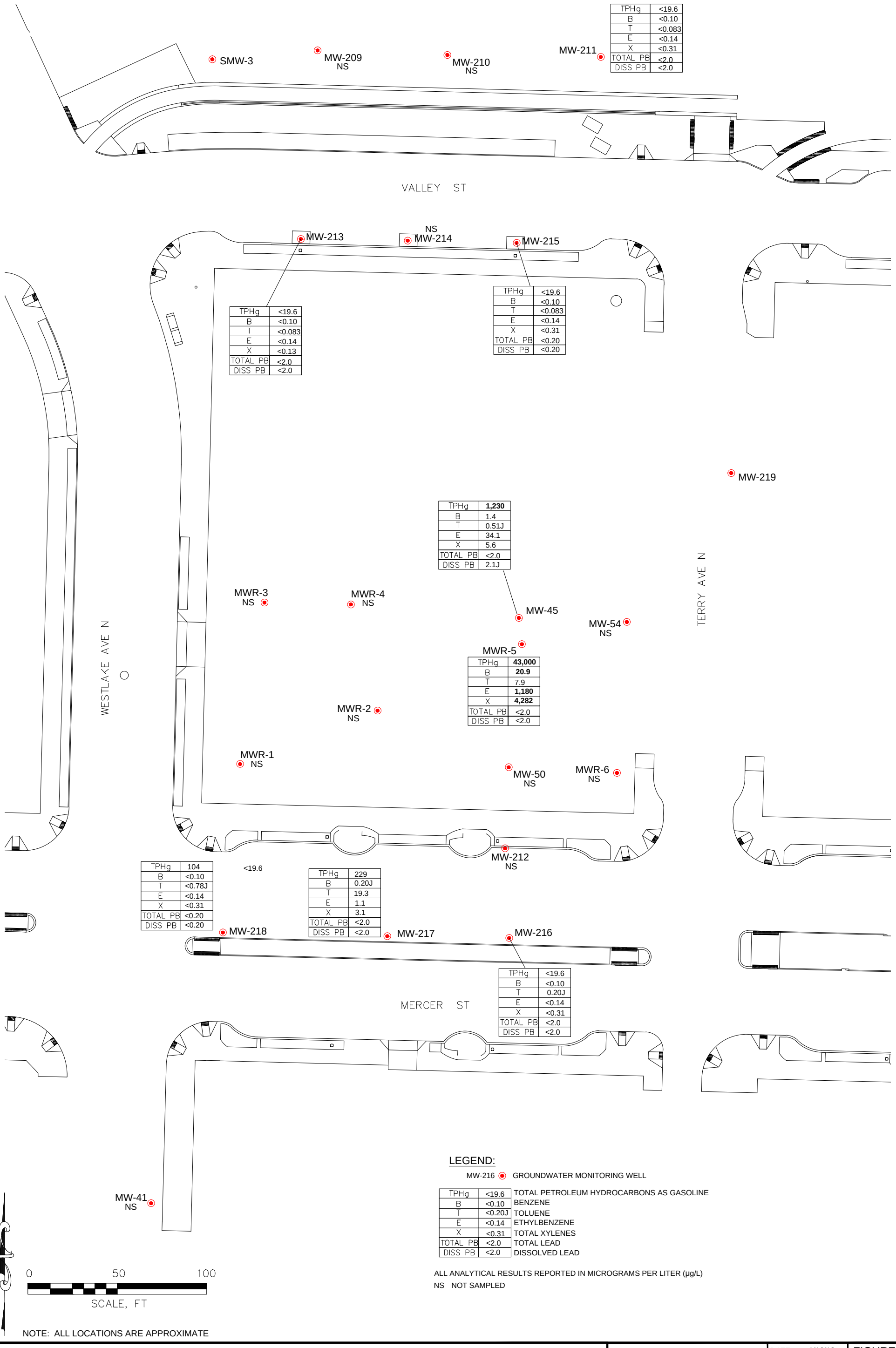

LEGEND:

MW-216 GROUNDWATER MONITORING WELL

TPHg	<19.6	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	<0.10	BENZENE
T	<0.20J	TOLUENE
E	<0.14	ETHYLBENZENE
X	<0.31	TOTAL XYLENES
TOTAL PB	<2.0	TOTAL LEAD
DISS PB	<2.0	DISSOLVED LEAD

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

NS NOT SAMPLED

NOTE: ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER ANALYTICAL MAP (01/03-04/2019)

PHILLIPS 66 FACILITY NO. 255353 (AOC 1396)

600 WESTLAKE AVENUE NORTH

SEATTLE, WA

PROJECT NUMBER: Z076000073		DATE: 1/16/18	FIGURE 3
APPROVED BY: ES		DRAWN BY: BK	

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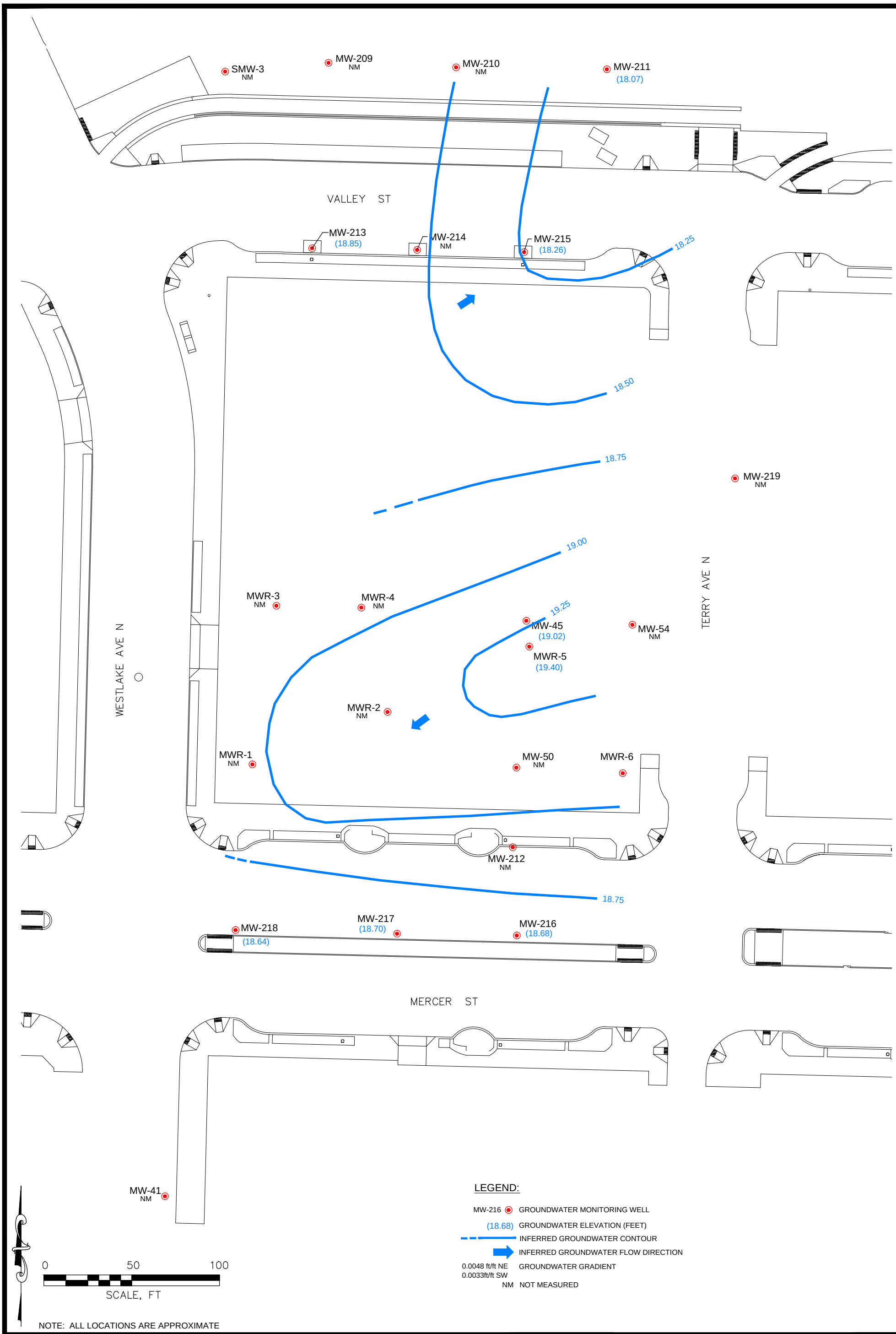

NOTE: ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER CONDITIONS MAP (01/03/19)

PHILLIPS 66 FACILITY NO. 255353 (AOC 1396)

600 WESTLAKE AVENUE NORTH

SEATTLE, WA

PROJECT NUMBER: Z076000073		DATE: 02/05/19	FIGURE 4
APPROVED BY: ES		DRAWN BY: BK	

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TABLE

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15			500	--	--	--	--
CI-1	03/08/07	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	9.30	0.00	--	0.30
	06/13/07	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	6.75	<1	--			--	10.91	0.00	--	0.42
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	10.99	0.00	--	0.82
	12/19/07	<50	<236	<472	<1	<1	<1	<3	<1	<1	<1	--			--	10.31	0.00	--	--
	03/18/08	**3,140**	<236	<472	**476**	6.470	4.59	1.83	9.96	<1	<5	<1			<1	9.85	0.00	--	--
	05/09/08	<50	<0.238	<0.476	<0.238	<0.5	<0.5	<0.5	<3	<1	<5	1.26			<1	12.76	0.00	--	--
	06/03/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<236	11.73	0.00	--	--
29.97	08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<236	11.38	0.00	18.59	--
	11/05/08	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<240	10.81	0.00	19.16	--
	02/25/09	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00			<243	10.82	0.00	19.15	--
	05/17/09	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<243	11.93	0.00	18.04	
	08/16/09	Inaccessible														--	--	--	
	11/17/09	<50.0	<240	<490	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<1	<1			<240	9.67	0.00	20.3	
	02/22/10	<50.0	357	422	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.2	<0.10			<77.7	8.38	0.00	21.59	
	05/24/10	<50.0	432	400	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.19	<0.10			205	NM	0.00	NM	
	08/17/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	2.0	<0.10			<77.7	9.88	0.00	20.09	
	11/15/10	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<76.9	8.88	0.00	21.09	
	02/27/11	Decommissioned																	--
CI-2	03/08/07	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	10.91	0.00	--	0.35
	06/13/07	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	9.86	0.00	--	0.61
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	10.06	0.00	--	0.68
	12/19/07	<50	<236	<472	<1	<1	<1	<3	<1	<1	<1	--			--	10.07	0.00	--	--
	03/18/08	**3,350**	<236	<472	**566**	7.04	4.76	1.93	10.1	<1	<5	<1			<1	10.00	0.00	--	--
	05/09/08	<50	<0.238	<0.476	<0.238	<0.5	<0.5	<0.5	<3	<1	<5	1.26			<1	10.68	0.00	--	--
	06/03/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	9.22	<1			<236	9.96	0.00	--	--
28.98	08/05/08	<50	<236	<472	0.52	<0.5	<0.5	<3	<1	<5	<1	<1			<236	10.13	0.00	18.85	--
	11/05/08	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<240	9.74	0.00	19.24	--
	02/25/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00			<240	9.90	0.00	19.08	--
	05/17/09	<50.0	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.72	<1.00			<238	11.37	0.00	17.61	
	08/17/09	Inaccessible														--	--	--	
	11/17/09	<50.0	<240	<490	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	1.4	<1			<240	9.58	0.00	19.40	
	02/22/10	<50.0	**507**	**559**	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.72	<0.10			<77.7	8.82	0.00	20.16	
	05/24/10	<50.0	**712**	**643**	<1.0	<1.0	<1.0	<3.0	--	<1.0	2.2	<0.10			313	9.17	0.00	19.81	
	08/17/10	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.7	<0.10			<76.9	9.65	0.00	19.33	
	11/15/10	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<78.4	8.90	0.00	20.08	
	02/27/11	Decommissioned																	--
CI-3	03/08/07	<50	<255	**<510**	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	9.46	0.00	--	0.53
	06/13/07	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	9.43	0.00	--	0.51
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	9.28	0.00	--	0.76
	12/19/07	**3,570**	<236	<472	**16.000**	5.2	5.7	8.9	<1	<1	<1	--			--	8.58	0.00	--	--
	03/18/08	**3,340**	<236	<472	**555**	6.86	4.78	1.90	10.1	<1	<5	<1			<1	10.54	0.00		--
	05/09/08	<50	<0.238	<0.476	<0.238	<0.5	<0.5	<0.5	<3	<1	<5	1.26			<1	8.45	0.00		--
	06/03/08	Construction equipment over well, unable to sample														--	--	--	--
29.04	08/05/08	**2,410**			**19.6**	6.47	7.71	10.4	<1	<5						9.72	0.00	19.32	--
		Well located on Propel Station property, unable to sample.																	--
MW-3	02/14/88	--	--	--	--	--	--	--	--	--	--	--			--	9.77	Trace	9.61	--
19.38	05/15/88	--	--	--	--	--	--	--	--	--	--	--			--	9.36	0.00	10.02	--
	07/20/88	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	04/14/89	--	--	--	--	--	--	--	--	--	--	--			--	9.04	Trace	10.34	--
	10/27/89	--	--	--	--	--	--	--	--	--	--	--			--	9.30	0.00	10.08	--
	02/01/90	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	05/01/90	--	--	--	--	--	--	--	--	--	--	--			--	9.13	0.00	10.25	--
	06/15/90	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/07/90	--	--	--		--	--	--	--	--	--	--			--	8.99	0.00	10.39	--
	10/10/01	**14,100**	**4,060**	**1,990**	**1,070**	<25	**1,040**	292	--	--	--	--			--	10.11	0.00	9.27	--
	12/28/01	**3,340**	**1,810**	<500	**92.6**	4.62	146	51.2	--	--	--	--			--	9.61	0.00	9.77	--
	03/08/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/26/02[c]	**10,500**	**1,820**	<500	**326**	14.0	685	447	--	--	--	--			--	10.96	0.00	8.42	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/13/03	**17,200**	**1,440**	**<595**	**86.6**	38.1	434	798	--	--	--	--			--	7.87	0.00	11.51	--
	06/12/03	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	01/14/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/30/04	**3,040**	**1,950**	<285	**57.1**	<5	24.3	23.57	--	--	--	--			--	9.90	0.00	9.48	0.79
	06/22/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/29/04	Paved over with concrete																	--
MW-3A	03/17/05	**1,610**	<251	**<502**	2.54	1.23	30.9	156.8	--	--	--	--			--	11.00	0.00	--	0.70
29.09	06/01/05	**1,030**[j]	<241[j]	<483	**5.21**	<1	27.8	66.0	<1	--	--	--			--	10.29	0.00	--	1.10
	07/25/05	702	<250	<500	4.60	0.860	23.0	47.1	1.06	2.16	--	--			--	10.56	0.00	--	3.20
	11/07/05	647	<243	<485	4.77	0.890	35.2	33.8	<1	--	--	--			--	10.22	0.00	18.87	NM [o]
	02/23/06	759	1.12	<0.5	4.14	0.740	51.3	38.9	<1	5.83	4.10	--			--	10.37	0.00	18.72	--
	05/10/06	654	<260	**<521**	3.60	1.35	51.2	57.5	<1	13.3	9.14	--			--	10.53	0.00	18.56	0.78
	08/30/06	160	<236	<472	0.550	0.580	8.93	3.45	<1	7.03	11.6	--			--	11.35	0.00	17.74	2.52
	12/12/06	610	<243	<485	0.930	0.700	13.3	14.3	<1	12.3	9.05	--			--	10.39	0.00	18.70	0.19
	03/06/07	<50	<236	<472	<0.5	<5	<5	<3.00	<1	<5	2.36	--			--	10.18	0.00	18.91	0.23
	06/15/07	<50	<250	<500 [r]	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--			--	10.51	0.00	18.58	1.08
	09/14/07	79.4	<250	<500	<0.5	<0.5	2.56	4.82	<1	<5	2.86	--			--	7.71	0.00	21.38	0.32
	12/19/07	<50	<236	<472	<1	<1	<1	<3	<1	<1	3.43	--			--	8.71	0.00	20.38	--
	03/17/08	Inaccessible in dumpster area														--	--	--	--
	06/01/08	Covered/buried in garbage enclosure, unable to sample														--	--	--	--
	08/04/08	Covered/buried in garbage enclosure, unable to sample.														--	--	--	--
	11/04/08	Covered/buried in garbage enclosure, unable to sample.														--	--	--	--
	11/18/08	Decommissioned																	--
MW-8	07/26/05	**81,600**	**641**	<500	**4,700**	**5,280**	**4,270**	**15,450**	<1	**1,010**	--	--			--	9.96	0.00	--	0.30
28.82	11/02/05	**41,000**	**506** [g]	<485	**4,540**	955	**3,240**	**12,000**	<1	--	--	--			--	10.04	0.00	18.78	1.40
	02/22/06	**72,800**	**623**[g]	<490	**2,760**	**6,240**	**3,020**	**13,400**	**<1,000**[q,r]	**1,040**	**21.8**	--			--	9.61	0.00	19.21	--
	05/09/06	**87,600**	**1,140**	<485	**2,940**	**6,510**	**3,470**	**13,870**	**<200**	**834**	**22.5**	--			--	9.81	0.00	19.01	0.42
	06/12/06	Decommissioned																	--
MW-13	02/14/88	--	--	--	--	--	--	--	--	--	--	--			--	11.87	0.00	9.86	--
21.73	05/15/88	--	--	--	--	--	--	--	--	--	--	--			--	11.43	0.00	10.30	--
	07/20/88	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	04/14/89	--	--	--	--	--	--	--	--	--	--	--			--	11.10	0.00	10.63	--
	10/27/89	--	--	--	--	--	--	--	--	--	--	--			--	11.36	0.03	10.39	--
	02/01/90	--	--	--	--	--	--	--	--	--	--	--			--	10.97	0.00	10.76	--
	05/01/90	--	--	--	--	--	--	--	--	--	--	--			--	11.13	0.00	10.60	--
	06/15/90	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/07/90	--	--	--	--	--	--	--	--	--	--	--			--	11.11	0.00	10.62	--
	06/16/05	**1,820**	**880**[f]	**1,100**[f]	2.91	<1	<1	<2	<1	--	--	--			--	11.86	0.00	9.87	1.30
	07/26/05	Not sampled - well did not recharge after purging dry														12.06	0.00	--	1.40
	11/01/05	125	<238	<476	1.19	<0.5	<0.5	<1	<2	--	--	--			--	12.16	0.00	-12.16	NM [o]

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
30.88	02/22/06	227	<272	**<543**	<0.5	<0.5	<0.5	<3	<1	<1	11.9	--			--	--	--	--	--
MW-13	05/08/06	236	<243	<485	<0.5	<0.5	<0.5	<3	<1	<1	**38.2**	--			--	12.08	0.00	-12.08	1.69
Conted.	08/31/06	<100	<243	<485	1.24	<0.5	7.64	6.68	<1	6.00	**48.9**	--			--	12.62	0.00	-12.62	0.47
	09/25/06	Destroyed during utility construction activities																	--
MW-14	02/14/88	--	--	--	--	--	--	--	--	--	--	--			--	9.65	0.00	9.63	--
19.28	05/15/88	--	--	--	--	--	--	--	--	--	--	--			--	8.95	0.00	10.33	--
	07/20/88	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	04/14/89	--	--	--	--	--	--	--	--	--	--	--			--	8.95	0.00	10.33	--
	10/27/89	--	--	--	--	--	--	--	--	--	--	--			--	9.16	0.00	10.12	--
	02/01/90	--	--	--	--	--	--	--	--	--	--	--			--	9.15	0.00	10.13	--
	05/01/90	--	--	--	--	--	--	--	--	--	--	--			--	8.99	0.00	10.29	--
	06/15/90	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/07/90	--	--	--	--	--	--	--	--	--	--	--			--	9.04	0.00	10.24	--
	06/02/05	Unable to collect sample														8.35	0.00	10.93	1.40
	06/16/05	Not enough water in well to sample														8.60	0.00	10.68	--
	06/13/06	Decommissioned																	--
MW-15	02/14/88	--	--	--	--	--	--	--	--	--	--	--			--	10.62	0.00	9.86	--
20.48	05/15/88	--	--	--	--	--	--	--	--	--	--	--			--	10.18	0.00	10.30	--
	07/20/88	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	04/14/89	--	--	--	--	--	--	--	--	--	--	--			--	9.96	0.00	10.52	--
	10/27/89	--	--	--	--	--	--	--	--	--	--	--			--	10.28	0.00	10.20	--
	02/01/90	--	--	--	--	--	--	--	--	--	--	--			--	10.17	0.00	10.31	--
	05/01/90	--	--	--	--	--	--	--	--	--	--	--			--	10.18	0.00	10.30	--
	06/15/90	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/07/90	--	--	--	--	--	--	--	--	--	--	--			--	10.13	0.00	10.35	--
	06/02/05	Well casing is broken - unable to gauge or sample														--	--	--	--
	06/13/06	Decommissioned																	--
MW-16	02/14/88	--	--	--	--	--	--	--	--	--	--	--			--	11.15	0.00	10.04	--
21.19	05/15/88	--	--	--	--	--	--	--	--	--	--	--			--	10.76	0.00	10.43	--
	07/20/88	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	04/14/89	--	--	--	--	--	--	--	--	--	--	--			--	10.54	0.00	10.65	--
	10/27/89	--	--	--	--	--	--	--	--	--	--	--			--	10.80	0.00	10.39	--
	02/01/90	--	--	--	--	--	--	--	--	--	--	--			--	10.60	0.00	10.59	--
	05/01/90	--	--	--	--	--	--	--	--	--	--	--			--	10.59	0.00	10.60	--
	06/15/90	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/07/90	--	--	--	--	--	--	--	--	--	--	--			--	10.58	0.00	10.61	--
	06/02/05	Unable to collect sample														10.95	0.00	10.24	1.00
	06/16/05	<500	**4,000[h,i]**	**16,000[i]**	--	135	<5	<5	<10	<5	--	--			--	10.86	0.00	10.33	0.60
	07/26/05	358	**8,320[c]**	**20,700**	--	42.6	0.340	<0.2	1.25	<1	<0.5	--			--	11.08	0.00	--	0.30
30.26	11/01/05	<50	<236	<472	--	8.00	<0.5	0.600	<1.00	<2	--	--			--	11.10	0.00	19.16	NM [o]
	02/21/06	137	<278	**1,080**	--	4.09	<0.5	<0.5	<3.00	<1	<1	**157**			--	10.84	0.00	19.42	--
	05/09/06	98.4	<238	<476	--	2.43	<0.5	<0.5	<3.00	<1	<1	4.33			--	11.12	0.00	19.14	0.40
	06/13/06	Decommissioned																	--
MW-17	02/14/88	--	--	--	--	--	--	--	--	--	--	--			--	11.56	0.07	9.77	--
21.28	05/15/88	--	--	--	--	--	--	--	--	--	--	--			--	11.22	0.04	10.09	--
	07/20/88	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	04/14/89	--	--	--	--	--	--	--	--	--	--	--			--	10.75	0.00	10.53	--
	10/27/89	--	--	--	--	--	--	--	--	--	--	--			--	11.22	0.00	10.06	--
	02/01/90	--	--	--	--	--	--	--	--	--	--	--			--	10.71	0.00	10.57	--
	05/01/90	--	--	--	--	--	--	--	--	--	--	--			--	10.90	0.00	10.38	--
	06/15/90	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/07/90	--	--	--	--	--	--	--	--	--	--	--			--	10.78	0.00	10.50	--
	06/02/05	Well obstructed with soil at 2.2 feet below top of casing														--	--	--	--
	06/12/06	Decommissioned																	--
MW-18	02/14/88	--	--	--	--	--	--	--	--	--	--	--			--	11.11	0.00	9.98	--
21.09	05/15/88	--	--	--	--	--	--	--	--	--	--	--			--	10.78	0.06	10.36	--
	07/20/88	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	04/14/89	--	--	--	--	--	--	--	--	--	--	--			--	10.20	0.00	10.89	--
	10/27/89	--	--	--	--	--	--	--	--	--	--	--			--	10.83	0.00	10.26	--
	02/01/90	--	--	--	--	--	--	--	--	--	--	--			--	10.42	Trace	10.67	--
	05/01/90	--	--	--	--	--	--	--	--	--	--	--			--	10.61	0.00	10.48	--
	06/15/90	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/07/90	--	--	--	--	--	--	--	--	--	--	--			--	10.36	0.00	10.73	--
	06/02/05	**6,600**	**18,000[f,i]**	**28,800[i]**	**403**	434	91.9	779	<1	--	--	--			--	10.83	0.00	10.26	1.10
	07/26/05	**1,400**	**6,930**	**13,200**	**35.2**	3.98	6.23	33.4	<1	30.9	--	--			--	11.19	0.00	--	0.90
30.08	11/07/05	**2,660**	271[f]	**<505**	**84.4**	28.2	28.7	314	<4	--	--	--			--	11.37	0.00	18.71	2.20
	02/22/06	**10,800**	**2,090[p]**	**<505**	**345**	217	56.4	697	<20.0[q]	80.2	**386**	--			--	10.60	0.00	19.48	--
	05/10/06	**1,450**	269[p]	<481	**102**	5.32	19.0	57.4	<4	122	**64.8**	--			--	11.85	0.00	18.23	0.23
	08/29/06	**1,250**	377[p]	**1,030**	**298**	7.42	13.5	72.2	<1	107	**1,360**	--			--	11.65	0.00	18.43	0.98
	12/12/06	**4,360**	**856**	**1,800**	**301**	28.7	44.9	281	<1	69.2	**70.2**	--			--	10.68	0.00	19.40	0.72
	03/06/07	**856**	<266	**<532**	**140**	5.00	7.20	67.1	<10	<50	**15.3**	--			--	11.14	0.00	18.94	1.78
	06/14/07	330	<236	<472	**8.67**	0.72	2.02	4.84	<1	44.9	**73.4**	--			--	11.24	0.00	18.84	0.28
	09/14/07	458	<243	<485	**15.6**	16.3	3.23	6.46	<1	16.4	**226.0**	--			--	11.62	0.00	18.46	-0.01
	12/17/07	Well compromised, unable to sample														--	--	--	
	03/17/08	Well compromised, unable to sample														--	--	--	
	06/01/08	Well compromised, unable to sample														--	--	--	
	08/10/08	Well contaminated with surface mud, unable to sample.														--	--	--	--
	11/02/08	Well contaminated with surface mud, unable to sample.														--	--	--	--
	05/17/09	**3,370**	**1,220**	**4,320**	**281**	3.95	29.4	258	<1.0	62.6	**93.1**	4.77			**695**	11.65	0.00	18.43	
	08/16/09	690	**910**	**2,200**	**120**	0.77	3.1	28	<1.0	42	**1,100**	<5.0			**800**	13.45	0.00	16.63	
	11/15/09	**2,300**	**760[y]**	**1,200**	**470[H]**	1.3	40	180	<1.0	61	**57**	<1.0			**800[y]**	11.63	0.00	18.45	
	02/21/10	**18,400**	**3,440**	**2,900**	**768**	289	274	**3,280**	--	123	**33.8**	0.38			**6,210**	10.53	0.00	19.55	
	05/23/10	**9,700**	**2,870**	**2,330**	**819**	109	174	**2840**	**--**	128	**39.2**	0.26			**3,930**	10.89	0.00	19.19	
	08/15/10	**9,200**	461	**891**	**789**	129	115	**2240**	**--**	104	**40.4**	3.30			**1,480**	11.15	0.00	18.93	
	11/14/10	**16,600**	598	**936**	**1180**	158	343	**4390**	**--**	146	**23.7**	<10.0			**3,900**	10.33	0.00	19.75	
	02/27/11	Well compromised, unable to sample														--	--	--	
	06/14/11	Not Sampled																	
	08/29/11	Not Sampled																	
MW-19	02/14/88	--	--	--	--	--	--	--	--	--	--	--			--	11.24	0.23	9.91	--
20.97	05/15/88	--	--	--	--	--	--	--	--	--	--	--			--	11.07	0.44	10.25	--
	07/20/88	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	04/14/89	--	--	--	--	--	--	--	--	--	--	--			--	10.78	0.57	10.65	--
	10/27/89	--	--	--	--	--	--	--	--	--	--	--			--	10.96	Trace	10.01	--
	02/01/90	--	--	--	--	--	--	--	--	--	--	--			--	11.04	Trace	9.93	--
	05/01/90	--	--	--	--	--	--	--	--	--	--	--			--	10.76	0.43	10.55	--
	06/15/90	--	--	--	--	--	--	--	--	--	--	--			--	10.70	0.47	10.65	--
	12/07/90	--	--	--	--	--	--	--	--	--	--	--			--	10.19	0.00	10.78	--
	06/02/05	Unable to collect sample														10.95	0.00	10.02	1.30
	06/16/05	**117,000**	**31,000[f,i]**	**<12,000[i]**	**391**	380	121	**21,960**	**<50**	--	--	--			--	10.92	0.00	10.05	1.20
	07/26/05	**96,400**	**4,050[d]**	**2,340**	**201**	229	<20	**16,590**	<1	**805**	--	--			--	12.14	0.00	--	4.90
29.93	11/07/05	**72,000**	**4,070[f]**	**<990**	**436**	520	504	**13,700**	**<40**	--	--	--			--	11.00	0.00	18.93	NM [o]

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MW-19	02/22/06	**18,900**	**13,900[g,p]**	**<5,210**	**288**	33.8	146	**1,760**	<20.0[q]	**491**	**81.0**	--			--	10.69	0.00	19.24	--
Cont	05/10/06	**45,900**	**5,520**	**<1,000**	**373**	171	164	**8,760**	**<100**	**1,700**	**64.8**	--			--	11.09	0.00	18.84	0.92
	08/29/06	**3,530**	**1,220[p]**	<495	**156**	72.4	66.1	**1,020**	<10	**251**	**20.9**	--			--	11.71	0.00	18.22	0.26
	12/12/06	**68,400**	**2,720**	<481	**688**	731	286.0	**10,700**	<1	**452**	**78.6**	--			--	10.92	0.00	19.01	0.21
	03/06/07	**47,800**	**2,330**	<495	**560**	192	480	**12,000**	10	**873**	**40.4**	--			--	10.80	0.00	19.13	0.53
	06/14/07	**28,100**	**8140 [g]**	<481	**279**	130	96.9	**4,860**	<1	**308**	**53.4**	--			--	10.96	0.00	18.97	0.47
	09/14/07	**22,300**	**1,530**	**1,050**	**98.4**	27.8	128	**2,710**	<1	**511**	**34.0**	--			--	11.22	0.00	18.71	0.15
	12/17/07	Well compromised, unable to sample														--	--	--	--
	03/18/08	**32,400**	--	--	--	218	89.1	127	**4,650**	<1	**304**	**72.7**			25	10.81		19.12	--
	06/01/08	**22,400**	**822**	**<758**	**202.00**	18.6	140	**3,280**	<1	**337**	**--**	**19.40**			**5,010**	8.25	0.00	21.68	--
	08/10/08	**26,800**			**180**	34.8	140	**2,390**	<20	**210**	**30.20**	**25.50**				12.05	0.00	17.88	--
	11/02/08	**19,700**	<245	<490	**78.6**	14.5	90.4	**2,610**	<1.00	**<200**	**25.80**	8.22			549	11.62	0.00	18.31	--
	02/22/09	**50,700**	**4,440**	<481	**470.0**	33.7	280	**7,900**	--	83.5	**24.80**	5.45			**19,500**	10.50	0.00	19.43	--
	05/17/09	**61,200**	**2,140**	<485	**202.0**	37.6	343	**12,300**	<1.00	63.7	**28.30**	1.41			**20,900**	11.43	0.00	18.50	
	08/16/09	Insufficient volume of water to fill sample containers.														13.90	0.00	16.03	
	11/15/09	**53,000**	**12,000[y]**	<490	**530[H]**	10	490[H]	**8,500[H]**	<1.0	**950[H]**	**41**	1.4			**21,000[y]**	11.20	0.00	18.73	
	02/21/10	**46,400**	**7,090**	**1,660**	**319**	7.7	688	**7,820**	--	**517**	9.5	0.33			**21,300**	10.44	0.00	19.49	
	05/23/10	**44,400**	**7,100**	**2,010**	**312**	5.8	687	**6,990**	--	**543**	**9**	0.3			**21,400**	10.98	0.00	18.95	
	08/15/10	**33,500**	**2,470**	**954**	**293**	4.9	354	**4,950**	--	67.7	**20.9**	1.8			**12,200**	11.14	0.00	18.79	
	11/14/10	**29,500**	**1,640**	<388	**436**	9.5	496	**4,190**	--	**432**	<10.0	<10.0			**12,000**	10.27	0.00	19.66	
	02/27/11	Well compromised, unable to sample														--	--	--	
	08/29/11	Not Sampled																	
	06/14/11	Not Sampled																	
MW-24	02/14/88	--	--	--		--	--	--	--	--	--	--			--	Dry	--	--	--
21.49	05/15/88	--	--	--		--	--	--	--	--	--	--			--	Dry	--	--	--
	07/20/88	--	--	--		--	--	--	--	--	--	--			--	Dry	--	--	--
	04/14/89	--	--	--		--	--	--	--	--	--	--			--	10.71	0.00	10.78	--
	10/27/89	--	--	--		--	--	--	--	--	--	--			--	Dry	--	--	--
	02/01/90	--	--	--		--	--	--	--	--	--	--			--	Dry	--	--	--
	05/01/90	--	--	--		--	--	--	--	--	--	--			--	11.36	0.66	10.66	--
	06/15/90	--	--	--		--	--	--	--	--	--	--			--	NM	NM	--	--
	12/07/90	--	--	--		--	--	--	--	--	--	--			--	Dry	--	--	--
	06/02/05	--	--	--		--	--	--	--	--	--	--			--	Dry	--	--	--
	06/16/05	--	--	--		--	--	--	--	--	--	--			--	Dry	--	--	--
MW-27[a]	06/16/05	--	--	--		--	--	--	--	--	--	--			--	Dry	--	--	--
	06/13/06	Decommissioned																	--
MW-32A	11/04/91	**52,000**	**<1,000**	--		**10,000**	**10,000**	**2,000**	**10,000**	--	--	--			--	--	--	--	--
20.70	12/29/93	**19,000**	**2,900**	**1,300**		**6,300**	**990**	940	**1,700**	--	--	--			--	10.73	0.00	9.97	--
	04/07/94	**11,000**	**2,100**	**1,300**		**3,900**	150	490	**590**	--	--	--			--	10.65	0.00	10.05	--
	07/14/94	**9,900**	**1,700**	**1,500**		**5,600**	54	530	**500**	--	--	--			--	10.72	0.00	9.98	--
	10/25/94	**19,000**	**1,100**	**1,000**		**4,600**	**2,300**	560	**2,300**	--	--	--			--	11.46	0.00	9.24	--
	03/08/95	**21,000**	**2,300**	**2,300**		**5,800**	**1,700**	990	**2,900**	--	--	--			--	11.29	0.00	9.41	--
	06/06/95	--	--	--		--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/95	**20,000**	**2,500**	**1,600**		**4,200**	470	730	**2,000**	--	--	--			--	11.27	--	9.43	--
	12/08/95	**11,000**	**1,200**	**<750**		**1,600**	86	420	**910**	--	--	--			--	10.61	--	10.09	--
	04/01/96	**7,900**	**1,400**	**1,000**		**2,200**	58	300	**490**	--	--	--			--	10.90	--	9.80	--
	06/25/96	**7,500**	**1,250**	**<750**		**1,200**	60.4	217	**435**	--	--	--			--	10.98	--	9.72	--
	09/27/96	**7,050**	**1,040**	**<750**		**1,570**	37.4	264	**416**	--	--	--			--	11.37	--	9.33	--
	03/28/97	--	--	--		--	--	--	--	--	--	--			--	11.26	--	9.44	--
	06/30/97	--	--	--		--	--	--	--	--	--	--			--	10.89	--	9.81	--
	09/08/97	--	--	--		--	--	--	--	--	--	--			--	11.67	0.00	9.03	--
	12/19/97	--	--	--		--	--	--	--	--	--	--			--	11.42	0.00	9.28	--
	03/16/98	--	--	--		--	--	--	--	--	--	--			--	11.30	0.00	9.40	--
	06/26/98	--	--	--		--	--	--	--	--	--	--			--	11.29	0.00	9.41	--
	09/23/98	--	--	--		--	--	--	--	--	--	--			--	11.97	0.00	8.73	--
	12/17/98	--	--	--		--	--	--	--	--	--	--			--	11.09	0.00	9.61	--
	03/31/99	--	--	--		--	--	--	--	--	--	--			--	10.47	0.00	10.23	--
	06/30/99	--	--	--		--	--	--	--	--	--	--			--	9.60	0.00	11.10	--
	12/08/99	--	--	--	--	--	--	--	--	--	--	--			--	11.07	0.00	9.63	--
	06/20/00	--	--	--	--	--	--	--	--	--	--	--			--	11.40	0.00	9.30	--
	12/19/00[b]	**7,010**	**1,740**	**<750**	**4,430**	136	438	182	--	--	--	--			--	10.90	0.00	9.80	--
	06/15/01[b]	**13,700**	**2,810**	**<846**	**2,370**	11.2	272	31.1	--	--	--	--			--	11.31	0.00	9.39	--
	06/26/01[b]	**15,500**	**1,620**	**<750**	**8,780**	**1,110**	**1,230**	**1,020**	--	--	--	--			--	11.85	0.00	8.85	--
	09/07/01[b]	**17,100**	**4,220**	**822**	**5,870**	19.9	684	110	--	--	--	--			--	10.81	0.00	9.89	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	**12,200**	**4,260**	**711**	**3,570**	180	537	393	--	--	--	--			--	11.29	0.00	9.41	--
	03/08/02	**16,400**	**4,140**	**769**	**4,900**	142	619	247	--	--	--	--			--	11.49	0.00	9.21	--
	06/24/02	**6,850**	**2,040**	**577**	**2,820**	7.43	221	59.1	--	--	--	--			--	11.56	0.00	9.14	--
	09/26/02[c]	**6,580**	**3,740**	**670**	**1,930**	31.4	204	89.7	--	--	--	--			--	12.88	0.00	7.82	--
MW-32A	12/12/02	**6,750**	**3,530**	**528**	**1,450**	55.6	229	283	--	--	--	--			--	12.72	0.00	7.98	--
	03/13/03	**13,000**	**2,550**	**<581**	**1,990**	222	419	806	--	--	--	--			--	10.95	0.00	9.75	--
	06/12/03	**17,400**	**2,730**	<500	**4,830**	200	**745**	262	--	--	--	--			--	11.92	0.00	8.78	--
	09/19/03	**1,420**	<294	**<588**	**64.2**	42.7	7.49	135	--	--	--	--			--	12.67	0.00	8.03	--
	01/14/04	**1,580**	316	<253	**28.9**	4.13	13.1	32.5	--	--	--	--			--	11.33	0.00	9.37	3.10
	03/30/04	**7,310**	**838**	<276	**18.3**	<10	209	122	--	--	--	--			--	12.39	0.00	8.31	2.43
	06/22/04	**3,330**	**1,470**	381	**149**	<10	72.5	43.8	--	--	--	--			--	12.62	0.00	8.08	0.50
	09/29/04	330	<242	<484	**13**	1.6	3.7	39	--	--	--	--			--	9.20	0.00	11.50	6.10
	12/29/04	**1,500**	**592**	<478	**71**	<5	30.9	31.2	--	--	--	--			--	12.24	0.00	8.46	1.00
	03/17/05	<100	<239	<478	<1	<1	<1	<2	--	--	--	--			--	12.31	0.00	8.39	0.90
	06/01/05	205	<237	<473	**13.2**	<1	5.55	6.16	<1	--	--	--			--	11.76	0.00	8.94	2.60
	07/25/05	277	<250	<500	**11.2**	0.270	7.04	2.83	<1	2.28	--	--			--	12.17	0.00	--	2.20
30.14	11/08/05	217	<250	<500	**6.84**	0.810	0.660	<3.00	<1	--	--	--			--	11.69	0.00	18.45	1.80
	02/23/06	<50	400	**<505**	<0.5	<0.5	<0.5	<3.00	<1	<1	1.12	--			--	11.44	0.00	18.70	--
	05/08/06	**2,740[j]**	**1,030[p]**	<500	**157**	1.65	179	85.5	<1	47.4	1.43	--			--	12.54	0.00	17.60	0.72
	08/30/06	197	<243	<485	**13.8**	<0.5	12.3	<3.00	<1	10.9	<1	--			--	12.71	0.00	17.43	0.29
	12/13/06	**1,770**	<250	<500	**128.0**	7.05	129.0	51	<5	<25	<1	--			--	11.65	0.00	18.49	0.24
	03/08/07	596	<248	<495	**38.5**	<.05	31.3	5.30	<1	18.5	1.26	--			--	11.45	0.00	18.69	0.13
	06/15/07	296	<250	<500 [r]	**14.2**	<0.5	3.26	<3.00	<1	12.1	<1	--			--	12.05	0.00	18.09	0.26
	09/14/07	358	<245	<490	**25.5**	<0.5	9.29	<3.00	<1	6.85	<1	--			--	13.11	0.00	17.03	0.04
	12/18/07	64.8	<236	<472	3.3	<1	<1	<3	<1	<1	3.55	--			--	10.17	0.00	19.97	--
	03/17/08	290	<236	<472	**<236**	<0.5	<0.5	<0.5	<3	<1	<5	4.4			<1	11.09		19.05	--
	06/02/08	215	284	<472	<0.5	<0.5	<0.5	<3	<1	<5	**415**	<1			265	11.41	0.00	18.73	--
	08/04/08	--	<236	<472	--	--	--	--	--	--	**334**	<1			<236	11.23	0.00	18.91	--
	11/05/08	528	<238	<476	<0.500	<0.500	0.65	<3.00	<1.00	<5.00	2.32	<1.00			281	11.20	0.00	18.94	--
		Abandoned or Damaged - To be decomissioned at a later date																	
MW-33	11/04/91	**11,000**	**<1,000**	--	**550**	490	240	**1,300**	--	--	--	--			--	--	--	--	--
20.75	12/29/93	**7,200**	**1,100**	**<750**	**560**	100	250	**1,100**	--	--	--	--			--	10.82	0.00	9.93	--
	04/07/94	**3,500**	**1,000**	**1,100**	**220**	1.5	80	190	--	--	--	--			--	10.60	0.00	10.15	--
	03/08/95	**4,900**	**1,400**	**2,000**	**650**	<25	320	420	--	--	--	--			--	11.16	0.00	9.59	--
	06/06/95	--	--	--	**--**	--	--	--	--	--	--	--			--	NM	NM	--	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MW-33	09/07/95	**9,700**	**1,400**	**820**	**550**	140	230	620	--	--	--	--			--	11.20	0.00	9.55	--
contd.	12/08/95	**13,000**	**1,900**	**1,800**	**800**	240	280	760	--	--	--	--			--	NM	NM	--	--
	04/01/96	**5,200**	**960**	**<750**	**630**	33	130	270	--	--	--	--			--	11.00	0.00	9.75	--
	06/25/96	**2,700**	**1,030**	**<750**	**230**	24.6	46.5	61.1	--	--	--	--			--	11.05	0.00	9.70	--
	09/27/96	**5,150**	**1,190**	**<750**	**1,190**	237	86.3	272	--	--	--	--			--	11.13	0.00	9.62	--
	03/28/97	--	--	--	--	--	--	--	--	--	--	--			--	11.19	0.00	9.56	--
	06/30/97	--	--	--	--	--	--	--	--	--	--	--			--	10.66	0.00	10.09	--
	09/08/97	--	--	--	--	--	--	--	--	--	--	--			--	10.48	0.00	10.27	--
	12/19/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/26/98	--	--	--	--	--	--	--	--	--	--	--			--	11.18	0.00	9.57	--
	09/23/98	--	--	--	--	--	--	--	--	--	--	--			--	11.90	0.00	8.85	--
	12/17/98	--	--	--	--	--	--	--	--	--	--	--			--	11.03	0.00	9.72	--
	03/31/99	--	--	--	--	--	--	--	--	--	--	--			--	10.38	0.00	10.37	--
	06/30/99	--	--	--	--	--	--	--	--	--	--	--			--	9.52	0.00	11.23	--
	12/08/99	--	--	--	--	--	--	--	--	--	--	--			--	10.97	0.00	9.78	--
	06/20/00	--	--	--	--	--	--	--	--	--	--	--			--	11.33	0.00	9.42	--
	12/19/00	Inaccessible														NM	NM	--	--
	06/15/01	LPH Present														12.72	2.50	10.03	--
	06/26/01	--	--	--		--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01	LPH Present														NM	0.30	--	--
	10/10/01	--	--	--		--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	**141,000**	**25,200**	**2,680**		**5,360**	**32,500**	**3,410**	**22,700**	--	--	--			--	11.21	0.00	9.54	--
	03/08/02	**126,000**	**31,400**	**3,420**		**2,660**	**21,600**	**3,420**	**24,800**	--	--	--			--	11.37	0.00	9.38	--
	06/24/02	**205,000**	**51,700**	**14,000**		**1,510**	**14,200**	**3,770**	**28,900**	--	--	--			--	11.36	0.00	9.39	--
	09/26/02	LPH Present														12.45	0.10	8.38	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--			--	12.34	0.00	8.41	--
	03/13/03	--	--	--	--	--	--	--	--	--	--	--			--	10.59	0.00	10.16	--
	06/12/03	**30,900**	**4,170**	**<562**	**396**	526	474	3,890	--	--	--	--			--	11.65	Sheen	9.10	--
	09/19/03	125	<291	**<581**	0.704	<0.5	<0.5	4.30	--	--	--	--			--	6.70	0.00	14.05	--
	01/14/04	524	<135	<271	**17**	3.7	7.65	31	--	--	--	--			--	12.03	0.00	8.72	0.60
	03/30/04	**2,680**	**725**	<256	**218**	14.7	53.2	150.4	--	--	--	--			--	12.49	0.00	8.26	1.72
	06/22/04	**3,500**	**1,330**	443	**197**	12.1	99.2	217.3	--	--	--	--			--	12.66	0.00	8.09	1.20
	09/29/04	290	290	**<511**	**12**	1.9	5.6	22	--	--	--	--			--	9.60	0.00	11.15	7.20
	12/29/04	**2,860**	**795**	<491	**91**	30.9	49.4	169.3	--	--	--	--			--	12.14	0.00	8.61	0.10
	03/17/05	106	<239	<478	**8.23**	1.23	4.6	9.55	--	--	--	--			--	12.07	0.00	8.68	4.60
	06/01/05	<100	<262	**<524**	2.03	<1	<1	<2	<1	--	--	--			--	11.21	0.00	9.54	9.30
	07/25/05	79.3	<250	<500	3.27	0.230	1.95	1.78	<1	1.27	--	--			--	11.73	0.00	--	5.20
30.16	11/01/05	<50	<236	<472	0.800	<0.5	<0.5	<1	<2	--	--	--			--	6.50	0.00	23.66	NM [o]
	02/23/06	582	<255	**<510**	**145**	4.75	5.50	<15.0	<5	<5	1.00	--			--	11.49	0.00	18.67	--
	05/08/06	242	<240	<481	4.29	<0.5	0.7	1.78	<1	2.13	<1	--			--	11.79	0.00	18.37	0.56
	08/30/06	**874**	<250	<500	**200**	10.0	26.2	56.0	6.79	17.1	<1	--			--	12.43	0.00	17.73	1.74
	12/12/06	**11,200**	<243	<485	**163**	41.2	45.2	175	<5	<25	<1	--			--	11.52	0.00	18.64	0.15
	03/07/07	**867**	<260	**<521**	**65**	2.48	54.8	84.6	<1	23.8	<1	--			--	8.45	0.00	21.71	0.87
	06/15/07	535	<245	<490 [r]	**32.5**	<0.5	0.550	17.5	1.38	21.8	<1	--			--	12.03	0.00	18.13	0.55
	09/14/07	235	<250	<500	**29.4**	1.45	<0.5	19.8	1.23	6.62	<1	--			--	12.07	0.00	18.09	0.36
	12/19/07	176	<236	<472	**40.0**	<1	<1	4.3	<1	1.30	8.85	--			--	10.22	0.00	19.94	--
	03/18/08	82.9	<236	<472	**<236**	1.17	0.68	2.08	<3	<1	<5	7.38			<1	11.22	0.00	18.94	--
	06/03/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	5.41	<1			<236	11.43	0.00	18.73	--
	08/04/08	55.3	<236	<472	1.16	<0.5	0.910	<3	<1	<5	3.84	<1			<236	12.10	0.00	18.06	--
	11/04/08	Well buried under gravel from station decommission, unable to sample.																	--
MW-34	11/04/91	**40,000**	**<1,000**	--	**23,000**	**18,000**	**2,600**	**14,000**	--	--	--	--			--	--	--	--	--
21.42	10/07/93	**4,200**	**1,600**	**970**	**1,400**	480	120	440	--	--	--	--			--	--	--	--	--
	12/29/93	**52,000**	**2,200**	**<750**	**15,000**	**11,000**	**1,500**	**7,000**	--	--	--	--			--	11.01	0.00	10.41	--
	04/07/94	**9,800**	**1,400**	**<750**	**4,500**	930	260	840	--	--	--	--			--	10.88	0.00	10.54	--
	07/14/94	**5,700**	**1,200**	**<750**	**980**	420	210	820	--	--	--	--			--	10.78	0.00	10.64	--
	10/25/94	**13,000**	**4,100**	**1,900**	**6,500**	170	680	**1,000**	--	--	--	--			--	11.78	0.00	9.64	--
	03/08/95	**8,200**	**1,100**	480	**2,400**	**1,500**	250	**1,300**	--	--	--	--			--	11.62	0.00	9.80	--
	06/06/95	**9,100**	**2,300**	**<750**	**4,200**	**1,000**	330	**1,200**	--	--	--	--			--	11.73	0.00	9.69	--
	09/07/95	**18,000**	**1,800**	**930**	**4,800**	**2,300**	560	**2,000**	--	--	--	--			--	11.57	0.00	9.85	--
	12/08/95	**68,000**	**2,900**	**1,600**	**12,000**	**9,200**	**1,200**	**5,500**	--	--	--	--			--	10.92	0.00	10.50	--
	04/01/96	**10,000**	**1,900**	**<750**	**5,500**	580	520	**1,200**	--	--	--	--			--	11.21	0.00	10.21	--
	06/25/96	**13,700**	**1,160**	**<750**	**4,190**	**1,110**	393	**1,740**	--	--	--	--			--	11.19	0.00	10.23	--
	09/27/96	**16,300**	**1,030**	**<750**	**5,010**	**2,520**	541	**1,310**	--	--	--	--			--	11.58	0.00	9.84	--
	03/28/97	--	--	--	--	--	--	--	--	--	--	--			--	11.47	0.00	9.95	--
	06/30/97[b]	**2,970**	311	**<750**	**1,930**	15.7	271	531	--	--	--	--			--	11.19	0.00	10.23	--
	09/08/97[b]	**8,390**	455	**<750**	**3,920**	645	567	**1,270**	--	--	--	--			--	11.74	0.00	9.68	--
	12/19/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/26/98[b]	**76,900**	**3,090**	**<750**	**13,400**	**11,100**	**2,310**	**9,080**	--	--	--	--			--	11.42	0.00	10.00	--
	09/23/98[b]	**9,040**	**3,000**	**799**	**3,540**	243	636	**1,650**	--	--	--	--			--	12.23	0.00	9.19	--
	12/17/98[b]	**80,900**	**5,470**	**1,380**	**14,200**	**10,800**	**3,110**	**11,800**	--	--	--	--			--	11.35	0.00	10.07	--
	03/31/99[b]	**33,400**	**1,910**	**<750**	**5,970**	**1,740**	**1,400**	**3,820**	--	--	--	--			--	10.85	0.00	10.57	--
	06/30/99[b]	**28,500**	**4,840**	**984**	**4,340**	**1,320**	**1,490**	**3,610**	--	--	--	--			--	10.18	0.00	11.24	--
	12/08/99[b]	**62,400**	**2,500**	**<1,360**	**12,900**	**7,440**	**3,240**	**9,210**	--	--	--	--			--	11.33	0.00	10.09	--
	06/20/00[b]	**25,000**	<250	**<750**	**6,360**	480	**2,190**	**3,930**	--	--	--	--			--	11.68	0.00	9.74	--
	12/19/00	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/15/01[b]	**25,800**	**4,780**	**<883**	**5,300**	90	**1,930**	**2,190**	--	--	--	--			--	11.85	0.00	9.57	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01[b]	**17,800**	**4,510**	**722**	**3,540**	44.9	**1,510**	**2,180**	--	--	--	--			--	11.86	0.00	9.56	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	**19,000**	**8,400**	**752**	**5,320**	**1,200**	406	**1,010**	--	--	--	--			--	11.46	0.00	9.96	--
	03/08/02	**59,200**	**8,550**	**661**	**7,200**	**8,610**	**2,190**	**8,200**	--	--	--	--			--	11.70	0.00	9.72	--
	06/24/02	**12,500**	**4,200**	**614**	**2,140**	651	659	**1,160**	--	--	--	--			--	11.91	0.00	9.51	--
	09/26/02[c]	**13,800**	**6,270**	**<1,160**	**5,840**	21.8	280	87	--	--	--	--			--	12.80	0.00	8.62	--
	12/12/02	**14,500**	**11,000**	**681**	**5,130**	44.7	333	224	--	--	--	--			--	12.98	0.00	8.44	--
	03/13/03	**25,600**	**6,480**	<500	**6,030**	668	**775**	**1,130**	--	--	--	--			--	11.67	0.00	9.75	--
	06/12/03	**13,000**	**2,880**	<500	**1,590**	735	450	**1,360**	--	--	--	--			--	12.04	0.00	9.38	--
	09/19/03	351	<301	**<602**	**9.91**	11.7	6.48	34.6	--	--	--	--			--	12.83	0.00	8.59	--
	01/14/04	160	<122	<245	**23.7**	<0.5	2.11	<1	--	--	--	--			--	12.00	0.00	9.42	0.20
	03/30/04	**15,100**	**1,120**	<300	**3,060**	238	564	846.6	--	--	--	--			--	12.62	0.00	8.80	1.68
	06/22/04	**6,760**	**1,900**	<238	**2,320**	14.3	395	279.8	--	--	--	--			--	12.88	0.00	8.54	0.50
	09/29/04	310	306	**<505**	**10**	<0.5	3.5	8.2	--	--	--	--			--	11.38	0.00	10.04	0.40
	12/29/04	**2,590**	481	**<504**	**320**	<10	83.8	101.4	--	--	--	--			--	12.67	0.00	8.75	2.00
	03/17/05	<100	<239	<478	<1	<1	<1	<2	--	--	--	--			--	12.66	0.00	8.76	0.40
	06/01/05	143	<237	<474	<1	<1	5.34	4.87	<1	--	--	--			--	11.81	0.00	9.61	2.90
	07/25/05	<50	<250	<500	0.210	<0.2	1.85	1.31	<1	<0.5	--	--			--	11.80	0.00	--	2.10
30.58	11/07/05	219	<245	<490	**8.46**	<0.5	0.58	4.86	<1	--	--	--			--	11.92	0.00	18.66	0.90
	02/22/06	95.9	<255	**<510**	**6.27**	9.27	2.10	10.2	<1 [q,r]	<1	1.32	--			--	11.48	0.00	19.10	--
	05/08/06	489	<250	<500	**14.7**	<0.5	9.15	2.36	<1	8.04	<1	--			--	12.84	0.00	17.74	4.67
	08/30/06	254	<245	<490	**32.8**	0.880	4.82	5.45	<1	12.1	<1	--			--	12.70	0.00	17.88	0.40

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	--	--	--	--
MW-34	12/13/06	**2,240**	<250	<500	**211**	<2.5	25.0	<15.0	<5	<25	<1	--			--	11.66	0.00	18.92	1.34
contd.	03/07/07	**1,010**	<240	<481	**81.7**	<5	7.50	181	<10	<50	1.98	--			--	10.75	0.00	19.83	0.64
	06/15/07	**806**	<250	<500 [r]	**141**	1.01	4.02	<3.00	<1	6.79	<1	--			--	12.39	0.00	18.19	0.57
	09/13/07	727	<238	<476	**59.2**	0.680	27.1	<3.00	<1	14.6	4.25	--			--	13.24	0.00	17.34	0.05
	12/19/07	53.4	<236	<472	<1	<1	<1	<3	<1	<1	1.69	--			--	10.50	0.00	20.08	--
	03/17/08	**2040**	<236	<472	**499**	235	1.48	10.5	<3	<1	<5	**18.60**			<1	11.64	0.00	18.94	--
	06/02/08	**1,280**	<240	<481	**55.1**	1.26	5.07	<3	<1	<5	**37.20**	<1			356	11.84	0.00	18.74	--
	08/04/08	Unable to unlock														--	--	--	--
	11/05/08	**1,890**	<238	<476	**23.2**	1.2	10..4	<3.00	<1.00	8.55	1.41	<1.00			**1,060**	12.20	0.00	18.38	--
		Abandoned or Damaged - To be decomissioned at a later date																	
MW-35	11/04/91	**24,000**	**<1,000**	--		440	**2,600**	610	**4,300**	--	--	--				--	--	--	--
20.10	12/29/93	**4,200**	**1,000**	**<750**		580	40	200	**720**	--	--	--				10.23	0.00	9.87	--
	04/07/94	**5,300**	**870**	**<750**		480	51	140	**550**	--	--	--				9.91	0.00	10.19	--
	07/14/94	**8,100**	**890**	**<750**		980	79	150	**600**	--	--	--				10.13	0.00	9.97	--
	10/25/94	**2,800**	**1,300**	**1,200**		360	3.6	100	**82**	--	--	--				10.87	0.00	9.23	--
	03/08/95	**2,600**	**1,200**	**1,300**		400	<25	120	**83**	--	--	--				10.67	0.00	9.43	--
	06/06/95	**810**	**1,000**	**930**		62	1.4	27	**36**	--	--	--				10.67	0.00	9.43	--
	09/07/95	--	--	--		--	--	--	--	--	--	--				10.87	0.00	9.23	--
	12/08/95	--	--	--		--	--	--	--	--	--	--				NM	NM	--	--
	04/01/96	--	--	--		--	--	--	--	--	--	--				NM	NM	--	--
	06/25/96	**1,620**	**850**	**<750**		68.2	1.11	26.7	17.6	--	--	--				11.11	0.00	8.99	--
	09/27/96	**959**	**524**	**<750**		38.8	0.990	10.4	6.18	--	--	--				10.64	0.00	9.46	--
	03/28/97 [b]	**1,370**	333	**<750**		161	2.36	31.9	10.7	--	--	--				11.28	0.00	8.82	--
	03/28/97	**1,800**	<250	**<750**		250	2.62	49.1	8.04	--	--	--				11.28	0.00	8.82	--
	06/30/97 [b]	**1,900**	<250	**<750**		348	<2.5	85	7.31	--	--	--				10.19	0.00	9.91	--
	09/08/97 [b]	**4,200**	<250	**<750**		**1,460**	16.2	231	68.2	--	--	--				10.86	0.00	9.24	--
	12/19/97	--	--	--		--	--	--	--	--	--	--				NM	NM	--	--
	03/16/98 [b]	**905**	361	**<750**		410	4.24	<2.5	<5.00	--	--	--				10.64	0.00	9.46	--
	06/26/98 [b]	**1,300**	**682**	**<750**		600	<10	45.1	<20.0	--	--	--				10.65	0.00	9.45	--
	09/23/98 [b]	665	**659**	**<750**		243	<2.5	<2.5	<5.00	--	--	--				11.38	0.00	8.72	--
	12/17/98 [b]	699	**572**	**<750**		402	<2.5	10.8	9.99	--	--	--				10.49	0.00	9.61	--
	03/31/99	Obstructed by vehicle														NM	NM	--	--
	06/30/99	Obstructed by vehicle														NM	NM	--	--
	12/08/99	Obstructed by vehicle														NM	NM	--	--
	06/20/00	Obstructed by vehicle														NM	NM	--	--
	12/19/00	Obstructed by vehicle														NM	NM	--	--
	06/15/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/26/01 [b]	504	464	**<750**	**11.3**	27.5	5.52	28.4	--	--	--	--			--	10.60	0.00	9.50	--
	09/04/01 [b]	263	**903**	**<564**	2.36	<0.5	<0.5	<1	--	--	--	--			--	10.54	0.00	9.56	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	691	**1,160**	<500	**28.7**	0.898	14.1	13.2	--	--	--	--			--	10.54	0.00	9.56	--
	03/08/02	638	**1,100**	<500	**16.2**	0.939	7.05	6.91	--	--	--	--			--	10.72	0.00	9.38	--
	06/24/02	Obstructed by vehicle														NM	NM	--	--
	09/26/02 [b]	555	**1,420**	<500	**9.49**	<2	1.78	<1.50	--	--	--	--			--	11.90	0.00	8.20	--
	12/12/02	Obstructed by vehicle														NM	NM	--	--
	03/13/03	**13,500**	**1,430**	<500	**749**	153	**791**	**2,160**	--	--	--	--			--	9.87	0.00	10.23	--
	06/12/03	**3,930**	**973**	**<562**	**338**	21.2	49.9	222	--	--	--	--			--	11.91	0.00	8.19	--
	09/19/03	517	<373	**<746**	**7.29**	4.32	1.86	14.6	--	--	--	--			--	12.18	0.00	7.92	--
	01/14/04	614	142	<256	1.45	<0.5	0.657	0.568	--	--	--	--			--	11.33	0.00	8.77	0.30
	03/30/04	541	196	<257	<1	<1	<1	<2	--	--	--	--			--	11.69	0.00	8.41	1.46
	06/22/04	526	210	<238	1.27	<1	<1	<2	--	--	--	--			--	11.91	0.00	8.19	1.50
	09/29/04	250	248	<487	0.50	<0.5	1.1	2.1	--	--	--	--			--	11.77	0.00	8.33	0.10
	12/29/04	280	<255	**<510**	<1	<1	<1	<2	--	--	--	--			--	10.64	0.00	9.46	0.10
19.45	03/17/05	168	<239	<478	<1	<1	<1	<2	--	--	--	--			--	10.88	0.00	8.57	0.70
	06/01/05	334	<238 [l]	<475 [l]	**7.06**	<1	2.11	<2	1.21	--	--	--			--	10.11	0.00	9.34	1.60
	07/25/05	296	<250	<500	2.09	0.280	0.980	1.15	1.14	0.970	--	--			--	10.42	0.00	--	1.60
	11/07/05	243	<245	<490	1.22	0.870	1.17	3.89	<1	--	--	--			--	10.22	0.00	9.23	NM [o]
	02/23/06	<50	315	<485	<0.5	<0.5	<0.5	<3.00	<1	<1	1.95	--			--	10.21	0.00	9.24	--
28.90	05/08/06	<50	<236	<472	2.53	<0.5	<0.5	<3.00	<1	<1	2.01	--			--	10.43	0.00	18.47	0.72
	08/30/06	120	<245	<490	1.30	1.25	<0.5	<3.00	<1	<5	1.35	--			--	11.18	0.00	17.72	3.99
	12/13/06	181	<248	<495	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--			--	10.23	0.00	18.67	1.62
	03/08/07	89.1	<253	**<505**	**13.0**	0.720	0.890	<3.00	<1	<5	2.55	--			--	9.95	0.00	18.95	0.37
	06/15/07	<50	<245	<490 [r]	<0.5	<0.5	<0.5	<3.00	<1	6.34	<1	--			--	10.44	0.00	18.46	0.22
	09/14/07	<50	<255	**<510**	<0.5	<0.5	<0.5	<3.00	<1	<5	4.62	--			--	10.66	0.00	18.24	0.02
	12/18/07	72.60	<236	<472	2.31	<1	<1	2.40	<1	<1	2.26	--			--	9.53	0.00	19.37	--
	03/18/08	59.60	<236	<472	**<236**	<0.5	<0.5	<0.5	<3	<1	<5	11.20			<1	9.93		18.97	--
	06/03/08	75.8	479	**940**	<0.5	<0.5	<0.5	<3	<1	<5	**191**	<1			<236	10.46	0.00	18.44	--
	08/04/08	70.1	<236	<472	<0.5	0.70	<0.5	<3	<1	<5	4.64	<1			<236	10.86	0.00	18.04	--
	11/05/08	94.8	<238	<476	<0.500	1.35	<0.500	<3.00	<1.00	<5.00	**229**	<1.00			<238	10.07	0.00	18.83	--
		Abandoned or Damaged - To be decomissioned at a later date																	
MW-36	11/05/91	**1,000**	**<1,000**	--	**24**	0.9	<0.5	1.0	--	--	--	--			--	--	--	--	--
17.80	12/30/93	<100	370	**940**	0.7	<0.5	<0.5	<0.5	--	--	--	--			--	9.42	0.00	8.38	--
	07/15/94	<100	410	**960**	0.7	<0.5	<0.5	<0.5	--	--	--	--			--	7.98	0.00	9.82	--
	10/25/94	<50	**670**	**1,300**	1.2	<0.5	<0.5	<1.0	--	--	--	--			--	9.32	0.00	8.48	--
	03/08/95	<50	**560**	**1,200**	2.6	<0.5	<0.5	<1.0	--	--	--	--			--	9.07	0.00	8.73	--
	06/06/95	<50	<250	**<750**	1	<0.5	<0.5	<1.0	--	--	--	--			--	7.92	0.00	9.88	--
	09/07/95	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	8.11	0.00	9.69	--
	12/08/95	<50	**510**	**1,200**	1.1	<0.5	<0.5	<1.0	--	--	--	--			--	9.00	0.00	8.80	--
	04/01/96	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	9.00	0.00	8.80	--
	06/25/96	<50	<250	**<750**	0.58	0.500	<0.5	<1.00	--	--	--	--			--	8.97	0.00	8.83	--
	09/27/96	<50	<250	**<750**	1.18	<0.5	<0.5	<1.00	--	--	--	--			--	7.53	0.00	10.27	--
	03/28/97	<50	<250	**<750**	0.810	<0.5	<0.5	<1.00	--	--	--	--			--	9.21	0.00	8.59	--
	06/30/97 [b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	6.88	0.00	10.92	--
	09/08/97 [b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	9.21	0.00	8.59	--
	12/19/97 [b]	<50	<250	**<750**	0.606	<0.5	<0.5	<1.00	--	--	--	--			--	10.09	0.00	7.71	--
	03/16/98 [b]	56.6	287	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	9.29	0.00	8.51	--
	06/26/98 [b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	8.47	0.00	9.33	--
	09/23/98 [b]	<50	<250	**<750**	0.737	<0.5	<0.5	1.13	--	--	--	--			--	9.89	0.00	7.91	--
	12/17/98 [b]	<50	288	**<750**	0.533	<0.5	<0.5	<1.00	--	--	--	--			--	10.00	0.00	7.80	--
	03/31/99 [b]	<50	321	**<750**	0.759	<0.5	<0.5	<1.00	--	--	--	--			--	8.96	0.00	8.84	--
	06/30/99 [b]	<50	<250	**<750**	1.29	<0.5	<0.5	<1.00	--	--	--	--			--	8.44	0.00	9.36	--
	12/08/99 [b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	10.05	0.00	7.75	--
	06/20/00 [b]	172	<250	**<750**	<0.5	0.583	1.78	11.1	--	--	--	--			--	8.47	0.00	9.33	--
	12/19/00 [b]	106	<250	**<750**	0.529	1.51	1.08	7.14	--	--	--	--			--	9.50	0.00	8.30	--
	06/15/01 [b]	<50	298	**<750**	0.691	0.648	0.530	1.53	--	--	--	--			--	8.00	0.00	9.80	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01 [b]	<50	<250	<500	0.897	<0.5	<0.5	<1.00	--	--	--	--			--	8.70	0.00	9.10	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	<50	387	<500	0.773	0.748	<0.5	1.78	--	--	--	--			--	9.57	0.00	8.23	--
	03/08/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MW-36	09/26/02	<100	<250	<500	0.735	<2	<1	<1.50	--	--	--	--			--	10.16	0.00	7.64	--
contd.	12/12/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/13/03	<50	<250	<500	0.830	<0.5	<0.5	<1.00	--	--	--	--			--	9.34	0.00	8.46	--
	06/12/03	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	<50	<287	**<575**	1.44	0.561	<0.5	<1.00	--	--	--	--			--	10.23	0.00	7.57	--
	01/14/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/30/04	<100	<133	<267	<1	<1	<1	<2	--	--	--	--			--	9.46	0.00	8.34	1.10
	06/22/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/29/04	<50	<250	<500	0.90	<0.5	<0.5	<1.0	--	--	--	--			--	9.78	0.00	8.02	0.80
	12/29/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/17/05	<100	<246	<492	<1	<1	<1	<2	--	--	--	--			--	8.66	0.00	9.14	0.10
	06/02/05	<100	--[e]	--[e]	<1	<1	<1	<2	<1	--	--	--			--	7.70	0.00	10.10	0.90
	06/16/05	--	82[r]	<250	--	--	--	--	--	--	--	--			--	7.71	0.00	10.09	0.80
	07/25/05	<50	<250	<500	0.550	<0.2	<0.2	<0.5	<1	<0.5	--	--			--	8.15	0.00	--	2.30
27.21	11/08/05	<50	<243	<485	<0.5	<0.5	<0.5	<3.00	<1	--	--	--			--	8.81	0.00	18.40	1.20
	02/24/06	<50	<255	**<510**	<0.5	<0.5	<0.5	<3.00	<1	<1	3.37	--			--	8.62	0.00	18.59	--
	05/09/06	<50	<243	<485	<0.5	<0.5	<0.5	<3.00	<1	<1	10.7	--			--	7.55	0.00	19.66	1.00
	06/13/06	Decommissioned																	--
MW-37	11/05/91	**21,000**	**<1,000**	--	**810**	**2,400**	470	**3,300**	--	--	--	--			--	--	--	--	--
21.01	12/30/93	LPH Present														10.59	0.40	10.74	--
	04/07/94	**92,000**	**18,000**	**<750**	**660**	**3,600**	**1,500**	**9,500**	--	--	--	--			--	10.49	0.08	10.58	--
	07/15/94	**330,000**	**1,700,000**	**260,000**	**18,000**	**44,000**	**7,700**	**44,000**	--	--	--	--			--	--	0.25	--	--
	10/26/94	**170,000**	**35,000**	**7,500**	**14,000**	**30,000**	**4,400**	**26,000**	--	--	--	--			--	--	0.17	--	--
	03/08/95	**34,000**	**3,200**	**1,400**	**3,100**	**2,400**	**1,200**	**6,700**	--	--	--	--			--	11.94	0.00	9.07	--
	06/06/95	**45,000**	**4,600**	**2,500**	**3,700**	**2,400**	**1,300**	**7,900**	--	--	--	--			--	11.76	0.01	9.26	--
	06/06/95	**90,000**	--	--	**5,100**	**6,000**	**2,400**	**14,000**	--	--	--	--			--	11.76	0.01	9.26	--
	09/07/95	--	--	--	--	--	--	--	--	--	--	--			--	11.17	0.00	9.84	--
	12/08/95	--	--	--	--	--	--	--	--	--	--	--			--	10.22	0.00	10.79	--
	04/01/96	LPH Present														10.79	0.02	10.24	--
	06/25/96	LPH Present														10.82	0.20	10.35	--
	09/27/96	LPH Present														11.47	0.05	9.58	--
	03/28/97[b]	**60,100**	**7,570**	**789**	**1,530**	**2,180**	**1650**	**7,440**	--	--	--	--			--	11.14	0.25	10.07	--
	03/28/97	**297,000**	**45,100**	**<8,250**	**6,570**	**13,200**	**4930**	**22,900**	--	--	--	--			--	11.14	0.25	10.07	--
	06/30/97	LPH Present														10.80	0.02	10.23	--
	09/08/97	LPH Present														11.41	0.23	9.78	--
	12/19/97	LPH Present														11.28	0.02	9.75	--
	03/16/98	LPH Present														11.11	0.01	9.91	--
	06/26/98	LPH Present														11.32	0.01	9.70	--
	09/23/98	LPH Present														12.01	0.03	9.02	--
	12/17/98	LPH Present														11.00	Trace	10.01	--
	03/31/99	LPH Present														NM	Trace	--	--
	06/30/99	LPH Present														DRY	0.30	--	--
	12/08/99	--	--	--	--	--	--	--	--	--	--	--			--	11.11	--	9.90	--
	06/20/00	--	--	--	--	--	--	--	--	--	--	--			--	11.50	--	9.51	--
	12/19/00	LPH Present														11.50	0.50	9.91	--
	06/15/01[b]	LPH Present														11.35	0.03	9.68	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01[b]	**159,000**	**22,100**	**14,600**	**3,420**	**12,600**	**4,440**	**27,000**	--	--	--	--			--	11.43	0.00	9.58	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01[b]	LPH Present														11.00	0.20	10.17	--
	03/08/02	LPH Present														11.61	0.40	9.72	--
	06/24/02	Inaccessible														NM	NM	--	--
	09/26/02	--	--	--	--	--	--	--	--	--	--	--			--	12.38	0.00	8.63	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--			--	12.35	0.00	8.66	--
	03/13/03	--	--	--	--	--	--	--	--	--	--	--			--	11.10	0.00	9.91	--
	06/12/03	**1,450**	474	**<568**	**22.9**	43.2	15.8	85.5	--	--	--	--			--	11.61	0.00	9.40	--
	09/19/03	141	<298	**<595**	<0.5	<0.5	<0.5	1.01	--	--	--	--			--	11.95	0.00	9.06	--
	01/14/04	471	<127	<255	4.56	<0.5	9.01	27.75	--	--	--	--			--	12.12	0.00	8.89	0.50
	03/30/04	572	180	<281	**5.77**	<1	<1	1.53	--	--	--	--			--	12.73	0.00	8.28	1.50
	06/22/04	737	487	294	3.26	3.66	1.46	14.25	--	--	--	--			--	12.29	0.00	8.72	1.00
	09/29/04	190	419	<496	<0.5	<0.5	0.67	1.3	--	--	--	--			--	10.89	0.00	10.12	2.00
	12/29/04	430	<262	**<524**	**18.2**	2.27	1.08	11.22	--	--	--	--			--	11.90	0.00	9.11	1.50
	03/17/05	250	259	<476	<1	1.27	<1	4.22	--	--	--	--			--	12.18	0.00	8.83	2.50
	06/02/05	137	<238	**604**	<1	<1	<1	<2	<1	--	--	--			--	10.87	0.00	10.14	1.50
	07/26/05	59.4	<250	<500	<0.2	<0.2	<0.2	<0.50	<1	0.520	--	--			--	11.37	0.00	--	10.10
30.09	11/07/05	<50	<243	<485	<0.5	<0.5	<0.5	<3.00	<1	--	--	--			--	14.71	0.00	15.38	3.80
	02/22/06	**1,830**	<248	<495	**32.4**	63.8	19.6	284	<5[q]	15.0	1.66	--			--	11.14	0.00	18.95	--
	05/10/06	<50	<243	<485	<0.5	<0.5	<0.5	<3.00	<1	<1	<1	--			--	12.49	0.00	17.60	1.88
	08/29/06	91.2	<258	**<515**	2.59	1.61	1.19	12.4	<1	<5	1.30	--			--	12.18	0.00	17.91	0.94
	12/12/06	686	<238	<476	**5.46**	11.2	5.87	60.4	<1	<5	<1	--			--	11.17	0.00	18.92	0.10
	03/06/07	64.6	<266	**<532**	<0.5	1.14	1.02	5.76	<1	<5	<1	--			--	10.20	0.00	19.89	9.14
	06/14/07	121	<236	<472	1.56	<0.5	0.5	<3.00	<1	<5	<1	--			--	12.18	0.00	17.91	0.58
	09/14/07	<50	<245	<490	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--			--	13.09	0.00	17.00	-0.02
	12/17/07	**3,130**	<240	<481	**54.0**	72.00	27	600.00	<1	--	**18.80**	--			--	10.90	0.00	19.19	--
	03/18/08	750	<236	<472	**249**	2.16	1.16	3.32	**51.40**	<1	<5	**92.10**			<1	11.04		19.05	--
	06/01/08	**1,370**	<238	<476	4.9	2.52	5.77	158	<1	7.31	**--**	<1			343	11.90	0.00	18.19	--
	08/10/08	**1,450**	<240	<481	**51.3**	1.7	13.4	115	<1	18.10	3.31	<1			444	12.45	0.00	17.64	--
	11/02/08	685	<245	<490	**3.6**	0.54	4.58	38	<1.00	10.30	1.77	<1.00			<245	11.80	0.00	18.29	--
	02/22/09	**2,380**	<238	<476	**35.2**	49.0	52.4	391	--	21.00	5.44	<1.00			**692**	12.40	0.00	17.69	--
	05/17/09	**1,840**	<236	<472	**12.5**	2.37	35.5	199	<1.00	16.30	1.37	<1.00			459	12.35	0.00	17.74	--
	08/16/09	**1,100**	**840**	<480	4.7	0.53	3.7	47	<1.0	5.9	<5.0	<5.0			**650**	14.12	0.00	15.97	--
	11/15/09	**1,300**	440[r]	<480	**12.0**	2.9	19	88	<1.0	20	1.5	<1			**530**[r]	11.65	0.00	18.44	--
	02/21/10	**4,120**	**958**	**649**	**161**	66.6	184	**1,530**	--	15.7	0.85	<0.10			**1,030**	11.00	0.00	19.09	--
	05/23/10	**2,260**	**810**	**522**	**80.6**	13.6	106	706	--	13.3	2.2	<0.10			**1140**	11.15	0.00	18.94	--
	08/15/10	**2,350**	<79.2	<396	**51.0**	2.6	47.0	415	--	16.7	4.3	0.64			**598**	11.43	0.00	18.66	
	11/14/10	**5,580**	111	<388	**94.3**	10.3	151	**1270**	--	22.5	<10.0	<10.0			**912**	10.70	0.00	19.39	
	02/27/11	Well compromised, unable to sample														--	--	--	
	06/14/11	Not Sampled																	
	08/29/11	Not Sampled																	
MW-38	11/05/91	**<1,000**	**<1,000**	--	<0.5	0.6	<0.5	0.5	--	--	--	--			--	--	0.00	--	--
16.52	03/08/95	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/06/95	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/95	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/08/95	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	04/01/96	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/25/96	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/27/96	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/28/97	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	9.23	0.00	7.29	--
	06/30/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/08/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/19/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MW-38	03/16/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
contd.	06/26/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/23/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/17/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/31/99	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/30/99	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/08/99	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/20/00	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/19/00	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/15/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	<50	403	<500	0.636	1.33	0.554	2.59	--	--	--	--			--	8.96	0.00	7.56	--
	03/08/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/26/02[c]	<100	282	<500	0.743	<2	<1	<1.50	--	--	--	--			--	8.87	0.00	7.65	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/13/03	<50	<250	<500	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	7.84	0.00	8.68	--
	06/12/03	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	<50	<250	<500	0.704	1.42	0.722	3.72	--	--	--	--			--	8.90	0.00	7.62	--
	01/14/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/30/04	<100	<133	<266	<1	<1	<1	<2	--	--	--	--			--	8.09	0.00	8.43	0.90
	06/22/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/29/04	Unable to locate due to road construction activities														NM	NM	--	--
	12/29/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/17/05	<100	<250	<499	<1	<1	<1	<2	--	--	--	--			--	8.32	0.00	8.20	0.40
	06/02/05	Obstructed by vehicle														--	--	--	--
	06/16/05	Obstructed by vehicle														--	--	--	--
	07/26/05	<50	<250	<500	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--			--	7.60	0.00	8.92	0.40
26.01	11/07/05	<50	<253	**<505**	<0.5	<0.5	<0.5	<3.00	<1	--	--	--			--	8.11	0.00	17.90	NM [o]
	02/21/06	Well obstructed by vehicle														--	--	--	--
	05/09/06	<50	<250	<500	<0.5	<0.5	<0.5	<3.00	<1	<1	<1	--			--	5.82	0.00	20.19	0.50
	08/30/06	<80	<245	<490	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--			--	7.02	0.00	18.99	1.81
	12/13/06	<50	<250	<500	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--			--	8.56	0.00	17.45	1.09
	03/07/07	<50	<250	<500	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--			--	7.92	0.00	18.09	0.45
	06/14/07	<50	<240	<481	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--			--	6.37	0.00	19.64	1.11
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--			--	6.93	0.00	19.08	0.46
	12/17/07	Inaccessible, well covered by vehicle														--	--	--	--
	03/17/08	Inaccessible, well covered by vehicle														--	--	--	--
	06/02/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	3.77	<1			**<236**	6.71	0.00	19.30	--
	08/05/08	Vehicle parked over well														--	--	--	--
	11/04/08	<50.0	<245	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	5.99	<1.00			<236	7.86	0.00	18.15	--
	02/24/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	1.78	<1.00			<240	7.25	0.00	18.76	--
	05/17/09	<50.0	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.71	<1.00			<238	7.13	0.00	18.88	
	08/17/09	<50	<240	<470	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	5.9	<5.0			<240	20.00	0.00	6.01	
	11/16/09	<50.0	<240	<480	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	4.9	<1			<240	7.37	0.00	18.64	
	02/22/10	<50.0	149	423	<1.0	<1.0	<1.0	<3.0	--	<1.0	5.9	<0.10			<75.5	8.30	0.00	17.71	
	05/23/10	Well Destroyed																	
MW-40	11/05/91	**<1,000**	**<1,000**	--	**5.8**	0.7	0.5	0.8	--	--	--	--			--	--	--	--	--
20.89	10/07/93	**930**	**1,800**	**1,900**	**36**	1.8	2.1	5.3	--	--	--	--			--	--	--	--	--
	12/30/93	**1,500**	**5,400**	**4,200**	**34**	1.1	11	7.4	--	--	--	--			--	10.68	0.00	10.21	--
	04/07/94	**1,200**	**2,200**	**2,000**	**29**	1.1	6.9	2.6	--	--	--	--			--	9.35	0.00	11.54	--
	07/15/94	**1,000**	**2,100**	**2,500**	**27**	0.8	1.2	1.7	--	--	--	--			--	10.68	0.00	10.21	--
	10/26/94	**1,200**	**2,900**	**2,600**	**20**	0.53	0.77	2.0	--	--	--	--			--	11.22	0.00	9.67	--
	03/08/95	**960**	**2,600**	**2,600**	**11**	<0.5	11	<1.0	--	--	--	--			--	10.98	0.00	9.91	--
	06/06/95	**1,500**	**2,300**	**1,600**	**6.8**	4.3	4.1	21	--	--	--	--			--	11.18	0.00	9.71	--
	09/07/95	650	**13,000**	**66,000**	**11**	0.91	0.57	<1.0	--	--	--	--			--	11.08	0.00	9.81	--
	12/08/95	500	**1,400**	**4,800**	2.7	3.00	<0.5	<1.0	--	--	--	--			--	10.30	0.00	10.59	--
	04/01/96	520	**3,200**	**13,000**	1.2	<0.5	0.55	<1.0	--	--	--	--			--	10.56	0.00	10.33	--
	06/25/96	500	**2,700**	**8,460**	<0.5	9.82	<0.5	<1.00	--	--	--	--			--	10.69	0.00	10.20	--
	09/27/96	602	**3,550**	**9,860**	0.604	41.1	0.525	<1.0	--	--	--	--			--	10.95	0.00	9.94	--
	03/28/97	--	--	--	--	--	--	--	--	--	--	--			--	10.92	0.00	9.97	--
	06/30/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/08/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/19/97[b]	325	**3,260**	**12,600**	<0.5	0.504	0.663	2.44	--	--	--	--			--	11.11	0.00	9.78	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/26/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/23/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/17/98[b]	384	**2,840**	**9,620**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	10.86	0.00	10.03	--
	03/31/99	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/30/99	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/08/99	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/20/00	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/09/00	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/19/00	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/15/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	449	**4,000**	**5,090**	2.12	2.19	1.38	3.88	--	--	--	--			--	10.75	0.00	10.14	--
	03/08/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/26/02	331	**2,810**	**3,470**	1.92	<2	<1	<1.50	--	--	--	--			--	12.69	0.00	8.20	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/13/03	509	**2,010**	**2,010**	<0.5	<0.5	0.630	1.77	--	--	--	--			--	11.30	0.00	9.59	--
	06/12/03	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	259	393	**1,120**	2.64	3.01	1.39	6.77	--	--	--	--			--	12.46	0.00	8.43	--
	01/14/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/30/04	627	**863**	**3,360**	3.69	<1	<1	<2	--	--	--	--			--	11.55	Sheen	9.34	1.71
	06/22/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/29/04	390	**32,800**	**219,000**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	12.03	Sheen	8.86	1.40
	12/29/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/17/05	402	**758**	**4,130**	<1	<1	<1	<2	--	--	--	--			--	11.89	Sheen	9.00	0.20
	06/02/05	433	**692**[ij]	**3,760**	<1	<1	<1	<2	<1	--	--	--			--	11.30	0.00	9.59	1.00
	07/26/05	216	**596**[c]	**1,600**	<0.2	<0.2	<0.2	<0.500	<1	<0.5	--	--			--	11.35	0.00	--	0.20
30.08	11/07/05	269	<243	<485	<0.5	<0.5	<0.5	3.58	<1	--	--	--			--	11.66	0.00	18.42	NM [o]
	02/23/06	397	<248	**546**	<0.5	<0.5	<0.5	<3.00	<1	<1	7.35	--			--	--	--	--	--
	05/10/06	207	<238	<476	<0.5	<0.5	<0.5	<3.00	<1	<1	1.84	--			--	12.50	0.00	17.58	0.67
	08/29/06	81.5	<236	<472	0.940	<0.5	<0.5	<3.00	<1	<5	2.01	--			--	12.87	0.00	17.21	0.30
	12/12/06	540	<243	<485	2.51	0.600	0.520	<3.00	<1	<5	<1	--			--	11.92	0.00	18.16	0.32

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MW-40	03/07/07	216	<250	<500	<0.5	<0.5	<0.5	<3.00	<1	<5	1.08	--			--	10.63	0.00	19.45	0.35
contd.	06/14/07	179	<240	<481	<0.5	<0.5	<0.5	<3.00	<1	<5	1.05	--			--	11.71	0.00	18.37	0.51
	09/14/07	65.8	<250	<500	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--			--	12.08	0.00	18.00	0.30
	12/17/07	203	<236	<472	<1	<1	<1	<2	<1	--	7.37	--			--	10.10	0.00	19.98	--
	03/17/08	411	<236	<472	**<236**	<0.5	<0.5	<0.5	<3	<1	<5	4.10			<1	--	--	--	--
	06/02/08	272	<240	<481	<0.5	0.68	<0.5	<3	<1	<5	6.39	<1			<240	11.22	0.00	18.86	--
	08/04/08	149	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	12.5	<1			<236	14.00	0.00	16.08	--
	11/03/08	350	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<0.500	4.97	<1.00			<240	12.50	0.00	17.58	--
	02/23/09	330	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	7.09	<1.00			<240	11.96	0.00	18.12	--
	05/17/09	281	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	4.64	<1.00			<238	13.85	0.00	16.23	
	08/16/09	Insufficient volume of water to fill sample containers.														17.95	0.00	12.13	
	11/15/09	Inaccessible														--	--	--	
	02/21/10	609	**1,070**	**771**	1.9	<1.0	<1.0	6.1	--	2.1	3.9	0.39			**711**	10.52	0.00	19.56	
	05/23/10	480	**861**	**909**	<1.0	<1.0	<1.0	<3.0	--	<1.0	7.7	0.25			**810**	10.66	0.00	19.42	
	08/15/10	Inaccessible																	
	11/14/10	500	109	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			235	10.07	0.00	20.01	
	02/27/11	Decomissioned																	
MW-41	11/05/91	**<1,000**	**<1,000**	--	**67**	<0.5	<0.5	<0.5	--	--	--	--			--	--	--	--	--
27.00	12/29/93	<100	<250	**<750**	4.6	<0.5	<0.5	<0.5	--	--	--	--			--	11.24	0.00	15.76	--
	07/14/94	<100	<250	**<750**	**10**	<0.5	<0.5	<0.5	--	--	--	--			--	10.81	0.00	16.19	--
	10/25/94	<50	**500**	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	13.69	0.00	13.31	--
	03/08/95	<50	<250	**<750**	1.6	<0.5	<0.5	<1.0	--	--	--	--			--	14.72	--	12.28	--
	06/06/95	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	15.02	--	11.98	--
	09/07/95	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	15.00	--	12.00	--
	12/08/95	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	16.30	--	10.70	--
	04/01/96	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	15.02	--	11.98	--
	06/25/96	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	15.07	--	11.93	--
	09/27/96	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	15.42	0.00	11.58	--
	03/28/97	--	--	--	--	--	--	--	--	--	--	--			--	15.27	0.00	11.73	--
	06/30/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/02/05	<100	<237	<474	<1	<1	<1	<2	<1	--	--	--			--	15.48	0.00	11.52	1.40
	07/26/05	<50	258[c]	**977**	<0.2	<0.2	<0.2	<0.50	<1	<0.5	--	--			--	15.88	0.00	--	5.70
36.25	11/02/05	<50	<238	<476	<0.5	<0.5	<0.5	<3.00	<1	--	--	--	--	--	--	15.89	0.00	20.36	0.80
	02/23/06	<50	<250	<500	<0.5	<0.5	<0.5	<3.00	<1	<1	1.32	--	--	--	--	15.26	0.00	20.99	--
	05/09/06	<50	<253	**<505**	<0.5	<0.5	<0.5	<3.00	<1	<1	1.56	--	--	--	--	15.47	0.00	20.78	0.57
	08/30/06	<80	<240	<481	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	--	--	15.90	0.00	20.35	0.80
	12/12/06	<50	<243	<485	<0.5	<0.5	<0.5	<3.00	<1	<5	8.79	--	--	--	--	15.81	0.00	20.44	1.42
	03/07/07	<50	<263	**<526**	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	--	--	15.38	0.00	20.87	0.32
	06/14/07	79.2	<236	<472	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	--	--	15.45	0.00	20.80	0.53
	09/13/07	<50	<236	<472	<0.5	<0.5	<0.5	<3.00	<1	<5	2.56	--	--	--	--	15.61	0.00	20.64	0.28
	12/18/07	<50	<236	<472	<1	<1	<1	<3	<1	<1	2.73	--	--	--	--	15.46	0.00	20.79	--
	03/17/08	<50	<236	<472	**<236**	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	<1	15.33	--	20.92	--
	06/03/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	--	--	<236	15.31	0.00	20.94	--
	08/04/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	--	--	<236	15.59	0.00	20.66	--
	11/04/08	<50.0	<245	<490	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	--	--	<245	15.80	0.00	20.45	--
	02/24/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00	--	--	<240	15.60	0.00	20.65	--
	05/17/09	<50.0	<250	<500	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.05	<1.00	--	--	<250	15.78	0.00	20.47	--
	08/16/09	<50	470	<480	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<5.0	<5.0	--	--	<240	16.25	0.00	20.00	--
	11/15/09	<50	<280	**<560**	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	--	--	--	--	<280	16.50	0.00	19.75	--
	02/21/10	<50.0	98.4	<379	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.8	<0.10	--	--	<75.8	15.50	0.00	20.75	--
	05/23/10	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.35	<0.10	--	--	<76.9	15.42	0.00	20.83	--
	08/16/10	Unable to gauge and sample; Well damaged.																	--
	11/15/10	<50.0	<77.7	<388	<1.0	1.8	<1.0	<3.0	--	<1.0	<10.0	<10.0	--	--	<77.7	15.24	0.00	21.01	--
	02/28/11	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	--	--	--	<77.7	15.09	0.00	21.16	--
	06/14/11	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	--	0.51	<0.10	--	--	--	15.13	0.00	21.12	--
	08/29/11	<50.0	<84.2	<421	<1.0	<1.0	<1.0	<3.0	--	<1.0	<0.10	<0.10	--	--	<84.2	15.19	0.00	21.06	--
	12/05/11	<50.0	<85.1	<426	<1.0	<1.0	<1.0	<3.0	--	<10.0	0.16	0.11	--	--	<85.1	15.32	0.00	20.93	--
	02/15/12	<50.0	<76.2	<381	<1.0	<1.0	<1.0	<3.0	--	2.0	<10.0	<10.0	--	--	<76.2	15.19	0.00	21.06	--
	05/16/12	<50.0	<81.6	<408	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0	--	--	<81.6	14.92	0.00	21.33	--
	08/14/12	<50.0	<88.9	<444	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0	--	--	<88.9	15.10	0.00	21.15	--
MW-42	11/05/91	**<1,000**	**<1,000**	--	**180**	2.9	0.8	4.7	--	--	--	--			--	--	--	--	--
20.34	12/30/93	<100	**1,300**	**2,400**	**570**	0.5	<0.5	0.7	--	--	--	--			--	9.62	0.00	10.72	--
	04/07/94	<200	**840**	**1,100**	**620**	<1	<1	<1	--	--	--	--			--	9.36	0.00	10.98	--
	07/15/94	<100	**540**	**850**	**490**	0.6	<0.5	0.5	--	--	--	--			--	9.26	0.00	11.08	--
	10/26/94	92	**1,300**	**2,500**	**530**	0.55	<0.5	<1.0	--	--	--	--			--	9.92	0.00	10.42	--
	03/08/95	130	**670**	**1,200**	**790**	<25	<25	<50	--	--	--	--			--	9.45	0.00	10.89	--
	06/06/95	120	**920**	**1,500**	**500**	<0.56	<0.5	<1.0	--	--	--	--			--	9.37	0.00	10.97	--
	09/07/95	**3,000**	**780**	**1,200**	**210**	4.1	42	230	--	--	--	--			--	9.50	0.00	10.84	--
	12/08/95	200	**1,300**	**1,900**	**380**	<2	<2	<4.0	--	--	--	--			--	8.95	0.00	11.39	--
	04/01/96	180	**650**	**<750**	**280**	0.52	<0.5	<1	--	--	--	--			--	9.03	0.00	11.31	--
	06/25/96	150	**720**	**<750**	**150**	<0.5	<0.5	<1	--	--	--	--			--	9.07	0.00	11.27	--
	09/27/96	<250	**534**	**<750**	**228**	<2.5	<2.5	<5.00	--	--	--	--			--	9.12	0.00	11.22	--
	03/28/97	--	--	--	--	--	--	--	--	--	--	--			--	9.09	0.00	11.25	--
	06/30/97	--	--	--	--	--	--	--	--	--	--	--			--	8.92	0.00	11.42	--
	09/08/97	--	--	--	--	--	--	--	--	--	--	--			--	9.57	0.00	10.77	--
	12/19/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	--	--	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--			--	9.53	0.00	10.81	--
	06/26/98	--	--	--	--	--	--	--	--	--	--	--			--	9.51	0.00	10.83	--
	09/23/98	--	--	--	--	--	--	--	--	--	--	--			--	9.96	0.00	10.38	--
	12/17/98	--	--	--	--	--	--	--	--	--	--	--			--	9.10	0.00	11.24	--
	03/31/99	--	--	--	--	--	--	--	--	--	--	--			--	9.00	0.00	11.34	--
	06/30/99	--	--	--	--	--	--	--	--	--	--	--			--	8.60	0.00	11.74	--
	12/08/99	--	--	--	--	--	--	--	--	--	--	--			--	8.00	0.00	12.34	--
	06/20/00	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/19/00	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/15/01	--	--	--	--	--	--	--	--	--	--	--			--	9.41	0.00	10.93	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01	--	--	--	--	--	--	--	--	--	--	--			--	9.66	0.00	10.68	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	--	--	--	--	--	--	--	--	--	--	--			--	10.28	0.00	10.06	--
	03/08/02	--	--	--	--	--	--	--	--	--	--	--			--	9.75	0.00	10.59	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/26/02	--	--	--	--	--	--	--	--	--	--	--			--	10.81	0.00	9.53	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--			--	10.89	0.00	9.45	--
	03/13/03	--	--	--	--	--	--	--	--	--	--	--			--	9.77	0.00	10.57	--
	06/12/03	Not Sampled														NM	NM	--	--
	06/02/05	198	--[e]	--[e]	4.67	<1	<1	<2	<1	--	--	--			--	9.52	0.00	10.82	1.50
	06/16/05	--	97[f]	<250	--	--	--	--	--	--	--	--			--	9.34	0.00	11.00	1.00
	07/26/05	117	<250	<500	2.95	0.340	<0.2	0.900	<1	<0.5	--	--			--	9.81	0.00	10.53	0.90
28.66	11/02/05	179	<236	<472	**8.22**	<0.5	<0.5	<3.00	<1	--	--	--			--	10.18	0.00	19.00	0.10
	02/22/06	193	<248	<495	2.23	<0.5	<0.5	<3.00	<1[q]	<1	<1	--			--	9.66	0.00	19.00	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MW-42	05/09/06	185	<250	<500	3.62	1.37	0.580	<3.00	<1	<1	<1	--			--	9.64	0.00	19.02	0.64
contd.	06/12/06	Decommissioned																	--
MW-43	11/05/91	**<1,000**	**<1,000**	--	**86**	3.4	0.6	2.7	--	--	--	--			--	--	--	--	--
21.04	12/30/93	340	320	**<750**	**82**	0.5	11	100	--	--	--	--			--	--	--	--	--
	07/14/94	360	<250	**<750**	**31**	<0.5	4.6	74	--	--	--	--			--	10.70	0.00	10.34	--
	10/26/94	160	**580**	**<750**	**9.1**	<0.5	<0.5	<1.0	--	--	--	--			--	11.34	0.00	9.70	--
	03/08/95	<50	**650**	**2,400**	**25**	<0.5	<0.5	<1.0	--	--	--	--			--	11.35	0.00	9.69	--
	06/06/95	<50	**690**	**1,500**	**8.2**	<0.5	<0.5	<1.0	--	--	--	--			--	11.45	0.00	9.59	--
	09/07/95	<50	<250	**850**	**10**	<0.5	<0.5	<1.0	--	--	--	--			--	11.14	0.00	9.90	--
	12/08/95	<50	**960**	**3,100**	**37**	<0.5	<0.5	<1.0	--	--	--	--			--	10.85	0.00	10.19	--
	04/01/96	<50	300	**<750**	4.5	<0.5	<0.5	<1.0	--	--	--	--			--	10.98	0.00	10.06	--
	06/25/96	<50	370	**<750**	2.57	<0.5	<0.5	<1.00	--	--	--	--			--	11.06	0.00	9.98	--
	09/27/96	<50	339	**<750**	4.4	<0.5	<0.5	<1.00	--	--	--	--			--	11.33	0.00	9.71	--
	03/28/97	<50	<250	**<750**	**5.89**	0.884	<0.5	2.47	--	--	--	--			--	11.13	0.00	9.91	--
	06/30/97[b]	<50	<250	**<750**	**59.2**	<0.5	<0.5	<1.00	--	--	--	--			--	7.08	0.00	13.96	--
	09/08/97[b]	83	<250	**<750**	**35.5**	<0.5	2.10	3.08	--	--	--	--			--	11.46	0.00	9.58	--
	12/19/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/16/98[b]	76.3	408	**<750**	**26.5**	<0.5	<0.5	<1.00	--	--	--	--			--	11.09	0.00	9.95	--
	06/26/98[b]	<50	346	**<750**	**69.6**	<0.5	<0.5	<1.00	--	--	--	--			--	11.26	0.00	9.78	--
	09/23/98[b]	<50	267	**<750**	**9.05**	<0.5	<0.5	<1.00	--	--	--	--			--	11.75	0.00	9.29	--
	12/17/98[b]	<50	<250	**<750**	**33.0**	<0.5	<0.5	<1.00	--	--	--	--			--	11.07	0.00	9.97	--
	03/31/99[b]	<50	267	**<750**	**9.84**	<0.5	0.782	2.47	--	--	--	--			--	10.97	0.00	10.07	--
	06/30/99[b]	146	253	**<750**	**28.2**	7.47	2.95	17.5	--	--	--	--			--	9.97	0.00	11.07	--
	12/08/99[b]	<50	<250	**<750**	**20.5**	<0.5	<0.5	<1.00	--	--	--	--			--	11.06	0.00	9.98	--
	06/20/00[b]	<50	<250	**<750**	3.79	<0.5	<0.5	<1.00	--	--	--	--			--	11.40	0.00	9.64	--
	12/19/00[b]	55.9	253	**<749**	2.97	0.948	0.730	4.78	--	--	--	--			--	11.40	0.00	9.64	--
	06/15/01[b]	<50	405	**<750**	0.670	<0.5	<0.5	1.22	--	--	--	--			--	11.32	0.00	9.72	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01[b]	<50	<293	**<587**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	11.46	0.00	9.58	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	52	487	<500	**5.61**	1.18	0.558	3.34	--	--	--	--			--	11.17	0.00	9.87	--
	03/08/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/26/02[c]	<100	303	<500	0.669	<2	<1	<1.50	--	--	--	--			--	12.28	0.00	8.76	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/13/03	<50	<321	**<641**	0.883	<0.5	<0.5	<1.00	--	--	--	--			--	11.20	0.00	9.84	--
	06/12/03	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	<50	<291	**<581**	1.76	<0.5	<0.5	<1.00	--	--	--	--			--	12.37	0.00	8.67	--
	01/14/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/30/04	<100	<129	<258	<1	<1	<1	<2	--	--	--	--			--	11.95	0.00	9.09	1.76
	06/22/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/29/04	180	<249	<499	3.6	<0.5	<0.5	<1.0	--	--	--	--			--	12.00	0.00	9.04	0.10
	12/29/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/17/05	<100	<250	**<501**	2.2	<1	<1	<2	--	--	--	--			--	11.69	0.00	9.35	0.80
	06/02/05	<100	--[e]	--[e]	**15**	<1	<1	<2	<1	--	--	--			--	11.18	0.00	9.86	1.30
	06/16/05	--	<50	<250	--	--	--	--	--	--	--	--			--	11.16	0.00	9.88	1.20
	07/26/05	<50	<250	<500	4.24	<0.2	<0.2	<0.500	<1	<0.5	--	--			--	11.70	0.00	--	0.70
30.21	11/01/05	<50	<236	<472	<0.2	<0.5	<0.5	<1.00	<2	--	--	--			--	11.45	0.00	18.76	NM [o]
	02/21/06	<50	<281	**<562**	1.16	<0.5	<0.5	<3.00	<1	<1	<1	--			--	10.99	0.00	19.22	--
	05/09/06	<50	<236	<472	1.13	<0.5	<0.5	<3.00	<1	<1	<1	--			--	11.40	0.00	18.81	0.47
	08/31/06	<100	<236	<472	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--			--	11.90	0.00	18.31	2.64
	12/13/06	<50	<240	<481	**10.3**	<0.5	<0.5	<3.00	<1	<5	<1	--			--	10.87	0.00	19.34	0.11
	03/06/07	Decommissioned																	--
MW-44	11/05/91	**<1,000**	**<1,000**	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--			--	--	--	--	--
18.73	07/15/94	<100	<250	**<750**	<0.5	<0.5	<0.5	<0.5	--	--	--	--			--	8.35	0.00	10.38	--
	10/26/94	<50	280	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	9.81	0.00	8.92	--
	03/08/95	<50	290	**940**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	9.44	0.00	9.29	--
	06/06/95	<50	<250	**820**	<0.5	<0.5	<0.5	1.60	--	--	--	--			--	8.28	0.00	10.45	--
	09/07/95	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	7.94	0.00	10.79	--
	12/08/95	<50	**520**	**2,500**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	8.09	0.00	10.64	--
	04/01/96	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	7.98	0.00	10.75	--
	06/25/96	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	7.90	0.00	10.83	--
	09/27/96	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	8.28	0.00	10.45	--
	03/28/97	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	8.07	0.00	10.66	--
	06/30/97[b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	7.84	0.00	10.89	--
	09/08/97[b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	8.65	0.00	10.08	--
	12/19/97[b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	8.51	0.00	10.22	--
	03/16/98[b]	60.0	310	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	8.43	0.00	10.30	--
	06/26/98[b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	8.37	0.00	10.36	--
	09/23/98[b]	<50	343	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	9.30	0.00	9.43	--
	12/17/98[b]	<50	271	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	8.10	0.00	10.63	--
	03/31/99[b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	8.18	0.00	10.55	--
	06/30/99[b]	<50	393	**<750**	<0.5	0.619	<0.5	1.21	--	--	--	--			--	8.03	0.00	10.70	--
	12/08/99[b]	<50	281	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	8.52	0.00	10.21	--
	06/20/00[b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	9.53	0.00	9.20	--
	12/19/00[b]	301	330	**<750**	<0.5	1.64	2.76	22.1	--	--	--	--			--	9.20	0.00	9.53	--
	06/15/01[b]	<50	468	**<841**	<0.5	<0.5	<0.5	<1.00	--	--	--	--			--	8.44	0.00	10.29	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01[b]	**10,300**	**4,250**	**849**	**1,050**	6.97	**945**	51.0	--	--	--	--			--	9.48	0.00	9.25	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	90.6	**823**	<500	**10.9**	1.40	0.644	4.04	--	--	--	--			--	9.31	0.00	9.42	--
	03/08/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/26/02[c]	<100	**1,600**	**569**	**14.2**	<2	<1	<1.50	--	--	--	--			--	10.79	0.00	7.94	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/13/03	196	347	**<575**	**26.8**	<0.5	<0.5	<1	--	--	--	--			--	11.58	0.00	7.15	--
	06/12/03	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	156	<301	**<602**	**20.2**	0.997	<0.5	2.61	--	--	--	--			--	10.97	0.00	7.76	--
	01/14/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/30/04	<100	<134	<268	<1	<1	<1	<2	--	--	--	--			--	10.01	0.00	8.72	1.90
	06/22/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/29/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/29/04	<100	<260	**<520**	<1	<1	<1	<2	--	--	--	--			--	9.24	0.00	9.49	0.30
	03/17/05	<100	<240	<480	<1	<1	<1	<2	--	--	--	--			--	9.48	0.00	9.25	0.40
	06/02/05	<100	--[e]	--[e]	<1	<1	<1	<2	<1	--	--	--			--	8.30	0.00	10.43	1.20
	06/16/05	--	<50	<250	--	--	--	--	--	--	--	--			--	8.32	0.00	10.41	1.30
	07/26/05	<50	<250	<500	<0.200	<0.2	<0.2	<0.5	<1	<0.5	--	--			--	8.76	0.00	--	5.20
27.97	11/01/05	<50	<236	<472	<0.200	<0.5	<0.5	<1	<2	--	--	--			--	9.14	0.00	18.83	NM [o]
	02/21/06	<50	<263	**<526**	<0.500	<0.5	<0.5	<3	<1	<1	<1	--			--	8.58	0.00	19.39	--
	05/09/06	<50	<272	**<543**	<0.500	<0.5	<0.5	<3	<1	7.98	<1	--			--	9.29	0.00	18.68	0.59
	08/29/06	<80	<240	<481	<0.500	<0.5	<0.5	<3	<1	<5	<1	--			--	9.89	0.00	18.08	0.37

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MW-44	03/06/07	Not Sampled														--	--	--	--
contd.	11/04/08	<50.0	<248	<495	<0.500	<0.500	<0.500	<3.00		<5.00	<1.00	<1.00			<248	9.25	0.00	18.72	--
	02/24/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00			<240	9.80	0.00	18.17	--
	05/17/09	<50.0	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.01	<1.00			<238	11.97	0.00	16.00	--
	08/17/09	<50	<240	<480	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<5.0	<5.0			260	13.25	0.00	14.72	--
	11/16/09	<50	<240	<490	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	3.2	<1			<240	10.95	0.00	17.02	--
	02/22/10	<50.0	166	<381	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.52	<0.10			<76.2	9.50	0.00	18.47	--
	05/24/10	<50.0	121	<385	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.54	<0.10			<76.9	9.46	0.00	18.51	--
	08/17/10	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.49	0.16			<78.4	9.79	0.00	18.18	--
	11/15/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<77.7	9.21	0.00	18.76	--
	02/27/11	Decomissioned																	
	11/20/12	<50.0	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<4.0	14.8	7.1	--	--	<100	15.19	0.00	21.06	--
	11/07/13	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	--	--	--	15.69	0.00	20.56	--
	07/29/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.010	<1.0	--	15.72	0.00	20.53	--
36.09	12/09/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0099	<1.0	--	15.70	0.00	20.39	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	15.42	0.00	20.67	--
	06/22/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	15.57	0.00	20.52	--
	09/10/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	15.81	0.00	20.28	--
	12/07/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.58	0.00	25.51	--
	06/28/16	Not Gauged or Sampled.																	
	12/13/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	15.25	0.00	20.84	--
MW-45	11/04/91	**17,000**	**2,000**	--		500	**1,000**	370	**2,300**	--	--	--			--	--	--	--	--
18.11	12/29/93	**11,000**	**1,100**	**860**		**2,900**	**760**	680	**3,000**	--	--	--			--	8.79	0.00	9.32	--
	04/07/94	**16,000**	**830**	**<750**		**2,500**	620	580	**2,500**	--	--	--			--	8.22	0.00	-8.22	--
	07/14/94	**25,000**	**850**	**1,100**		**4,000**	**750**	870	**3,600**	--	--	--			--	8.39	0.00	9.72	--
	10/25/94	**19,000**	**1,000**	**<750**		**2,600**	230	920	**3,000**	--	--	--			--	9.10	0.00	9.01	--
	09/07/01[b]	<50	375	**<606**		<0.5	<0.5	<0.5	<1	--	--	--			--	9.80	0.00	8.31	--
	10/10/01	--	--	--		--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	**17,300**	**2,210**	**597**		**2,130**	73.4	**1,330**	**2,970**	--	--	--			--	9.03	0.00	9.08	--
	03/08/02	**15,500**	**2,380**	**686**		**2,090**	38.4	**1,190**	**1,650**	--	--	--			--	9.12	0.00	8.99	--
	06/24/02	**5,100**	**1,920**	**761**		**1,330**	6.39	451	**235**	--	--	--			--	9.00	0.00	9.11	--
	09/26/02[c]	**2,420**	**1,190**	**547**		394	3.41	204	**106**	--	--	--			--	10.20	0.00	7.91	--
	12/12/02	Obstructed by vehicle														NM	NM	--	--
	03/13/03	**3,590**	**2,050**	<500		219	133	99.4	**368**	--	--	--			--	8.05	0.00	10.06	--
	06/12/03	**10,700**	**1,470**	**<575**		**1,350**	10.8	**954**	**631**	--	--	--			--	9.16	0.00	8.95	--
	09/19/03	583	<298	**<595**		1.93	2.25	5.65	**38.6**	--	--	--			--	10.68	0.00	7.43	--
	01/14/04	360	<118	<236		4.97	<0.5	2.48	1.01	--	--	--			--	10.12	0.00	7.99	0.40
	03/30/04	303	234	<240		<1	<1	<1	<2	--	--	--			--	10.19	0.00	7.92	0.84
	06/22/04	151	365	358		<1	<1	<1	<2	--	--	--			--	10.34	0.00	7.77	0.70
	09/29/04	270	<251	**<503**		<0.5	1.5	0.62	7.3	--	--	--			--	10.40	0.00	7.71	0.90
	12/29/04	207	<249	<498		2.90	<1	<1	9.04	--	--	--			--	9.40	0.00	8.71	0.30
	03/17/05	235	<239	<477		5.61	1.08	2.49	19.1	--	--	--			--	9.44	0.00	8.67	1.20
	06/01/05	793	283[f,j]	<491[j]		17.1	37.9	13.9	**83.8**	<1	--	--			--	8.62	0.00	9.49	1.30
	07/25/05	564	<250	**<500**		18.6	14.6	16.7	**113.2**	<1	7.51	--			--	8.98	0.00	--	3.20
27.52	11/01/05	100	<240	<481		<0.200	<0.5	<0.5	<1	<2	--	--			--	9.81	0.00	17.71	NM [o]
	02/21/06	484	<275	**<549**		5.13	<0.5	7.65	**36.5**	<1	3.77	1.30			--	8.83	0.00	18.69	--
	05/08/06	198	**540**	**<500**		1.06	<0.5	0.980	2.70	<1	1.69	<1			--	8.79	0.00	18.73	1.00
	08/30/06	104	<248	<495		<0.5	<0.5	<0.500	<3	<1	<5	<1			--	9.84	0.00	17.68	3.03
	12/12/06	**25,900**	**662**	<485		64.1	23.8	330	**5,020**	<5	**278**	10.8			--	9.13	0.00	18.39	1.49
	03/06/07	**1,680**	<260	**<521**		<0.5	<0.5	22.0	**139**	<1	54	<1			--	8.75	0.00	18.77	0.30
	06/15/07	**12,500**	439	<481[r]		16.8	2.77	178	**1,590**	<1	**330**	1.77			--	8.85	0.00	18.67	0.24
	09/13/07	**23,400**	328	<481		65.3	16.9	303	**3,740**	<1	**246**	6.85			--	9.07	0.00	18.45	0.15
	12/17/07	Unable to sample, well under water														--	--	--	--
	03/18/08	<50	<236	<472	**<236**	<0.5	<0.5	<0.5	<3	<1	<5	<1			<1	8.30	0.00	19.22	--
	06/03/08	Unable to sample, well under water														--	--	--	--
	08/05/08	64.4	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	1.39	<1			<236	8.90	0.00	18.62	--
	11/03/08	Well under water, unable to sample.														--	--	--	--
	02/22/09	53.2	<236	<472	<0.500	<0.500	<0.500	<3.00	--	15.0	<1.00	<1.00			<236	11.44	0.00	8.38	--
	05/17/09	176.0	428	<476	<0.500	<0.500	<0.500	<3.00	<1.00	97.9	<1.00	<1.00			431	16.67	0.00	10.85	--
	08/16/09	250	**570**	<480	<0.50	<0.50	<0.50	<2.0	<1.0	100	<5.0	<5.0			**1200**	16.92	0.00	10.60	--
	11/15/09	**1000**	**2,200[y]**	<480	3.9	2.2	11	28	<1.0	14	9.2	<1			**2,100[y]**	9.12	0.00	18.40	--
	02/21/10	745	**1,160**	**832**	3.9	<1.0	34	23.2	--	14.5	4.7	<0.10			**566**	8.46	0.00	19.06	--
	05/23/10	398	**692**	**449**	1.3	<1.0	14.5	4	--	7.9	3.1	<0.10			**665**	8.15	0.00	19.37	--
	08/16/10	319	<77.7	<388	<1.0	<1.0	5.8	<3.0	--	7.5	7.2	0.37			177	8.80	0.00	18.72	--
	11/16/10	**1,880**	106	<388	**5.8**	1.3	43.1	212	--	28.4	<10.0	<10.0			**547**	8.15	0.00	19.37	--
	02/28/11	**10,500**	347	<388	**17.6**	3.3	172.0	479	--	150.0	<10.0	--			**2,750**	8.66	0.00	18.86	--
	06/14/11	**3,230**	137	<396	1.7	<1.0	46.8	34	--	--	1.8	<0.10			**--**	8.85	0.00	18.67	--
	08/29/11	**1,790**	119	<421	<1.0	<1.0	5.1	<3.0	--	36.5	0.4	<0.10			489	8.62	0.00	18.90	--
	12/05/11	**19,900**	298	<426	**20.5**	5.7	327	**2,240**	--	**213**	2.1	0.34			**6,960**	7.80	0.00	19.72	--
	02/15/12	**14,000**	219	<404	**11.6**	2.7	203	631	--	**206.0**	<10.0	<10.0			**2,470**	9.05	0.00	18.47	--
	05/15/12	**3,920**	211	<421	<5.0	<5.0	77.0	122	--	75.4	<10.0	<10.0			**1,330**	8.14	0.00	19.38	--
	08/14/12	**1,600**	206	<430	<1.0	<1.0	7.3	<3.0	--	33.7	<10.0	<10.0			**676**	8.78	0.00	18.74	--
	11/20/12	**4,130**	**1,900**	<100	**6.0**	2.8	105	612	--	99.3	3.7	<3.0			**2,500**	4.37	--	23.15	
	11/06/13	281	<400	<400	<1.0	1.3	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	10.50	0.00	17.02	--
28.06	07/29/14	Well was dry																	
27.91	12/08/14	323	--	--	**6.2**	<1.0	1.6	<3.0	<1.0	--	<10.0	<10.0	<0.0098	<1.0	--	10.95	0.00	16.57	--
	03/23/15	**917**	--	--	**2.0**	<1.0	20.4	53.8	--	--	--	--	--	--	--	9.23	0.00	18.29	--
	06/22/15	474	--	--	**5.1**	<1.0	18.3	<3.0	--	--	--	--	--	--	--	10.57	0.00	16.95	--
	09/10/15	150	--	--	--	--	--	--	--	--	--	--	--	--	--	10.11	0.00	17.41	--
	12/07/15	748	--	--	2.1	<1.0	20.3	3.4	--	--	--	--	--	--	--	8.09	0.00	19.43	--
	06/28/16	Unable to access well, not gauged or sampled.																	--
	12/13/16	Unable to access well, not gauged or sampled.																	--
	06/29/17	Well dewatered.																	--
	12/13/17	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	<10.0	<10.0			**--**	14.05	0.00	13.47	--
	06/13/18	Unable to access well, not gauged or sampled.																	--
	01/03/19	**1,230**	--	--	1.4	0.51J	34.1	5.6	--	--	<2.0	2.1J			**--**	8.50	0.00	19.02	
MW-46	11/05/91	**<1,000**	**<1,000**	--	<0.5	0.6	<0.5	1.2	--	--	--	--			--	--	--	--	--
16.91	07/15/94	<100	270	**1,200**	<0.5	<0.5	<0.5	<0.5	--	--	--	--			--	7.15	0.00	9.76	--
	10/25/94	<50	**1,500**	**7,300**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	8.51	0.00	8.40	--
	03/08/95	<50	**720**	**3,600**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	8.00	0.00	8.91	--
	06/06/95	<50	<250	**1,400**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	7.30	0.00	9.61	--
	09/07/95	<50	**710**	**5,600**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	7.80	0.00	9.11	--
	12/08/95	<50	**1,400**	**14,000**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	8.32	0.00	8.59	--
	04/01/96	<50	<400	**2,800**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	7.04	0.00	9.87	--
	06/25/96	<50	440	**2,090**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	7.85	0.00	9.06	--
	09/27/96	<50	267	**<750**	0.518	<0.5	<0.5	<1.0	--	--	--	--			--	7.57	0.00	9.34	--
	03/28/97	<50	<250	**<750**	<0.5	1.25	<0.5	2.06	--	--	--	--			--	7.25	0.00	9.66	--
	06/30/97	--	--	--	--	--	--	--	--	--	--	--			--	7.12	0.00	9.79	--
	09/08/97	--	--	--	--	--	--	--	--	--	--	--			--	8.82	0.00	8.09	--
	12/19/97[b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	9.40	0.00	7.51	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MW-46	06/26/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
contd.	09/23/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/17/98[b]	<50	354	**<750**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	9.20	0.00	7.71	--
	03/31/99	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/30/99	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/08/99	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/20/00	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/19/00	226	277	**<750**	<0.5	2.18	2.53	18.0	--	--	--	--			--	12.70	0.00	4.21	--
	06/15/01[b]	<50	295	**<750**	<0.5	<0.5	<0.5	1.39	--	--	--	--			--	7.19	0.00	9.72	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	Covered by asphalt														NM	NM	--	--
	03/08/02	--	--	--		--	--	--	--	--	--	--			--	NM	NM	--	--
	06/24/02	--	--	--		--	--	--	--	--	--	--			--	NM	NM	--	--
	09/26/02	Unable to locate														NM	NM	--	--
	12/12/02	--	--	--		--	--	--	--	--	--	--			--	NM	NM	--	--
	03/13/03	Covered by asphalt														NM	NM	--	--
	06/12/03	--	--	--		--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	Covered by asphalt														NM	NM	--	--
	01/14/04	Monitoring Discontinued																	--
		Abandoned or Damaged - To be decomissioned at a later date																	
MW-47	11/05/91	**<1,000**	**<1,000**	--	**5.2**	0.5	<0.5	<0.5	--	--	--	--			--	--	--	--	--
19.83	12/30/93	<100	310	**<750**	2.0	<0.5	<0.5	1.0	--	--	--	--			--	9.50	0.00	10.33	--
	04/07/94	<100	300	**<750**	2.5	<0.5	<0.5	<0.5	--	--	--	--			--	10.47	0.00	9.36	--
	07/14/94	<100	290	**<750**	1.6	<0.5	<0.5	<0.5	--	--	--	--			--	10.51	0.00	9.32	--
	10/25/94	51	270	**<750**	1.8	<0.5	<0.5	<1.0	--	--	--	--			--	11.02	0.00	8.81	--
	03/08/95	<50	330	**1,600**	**5.3**	<0.5	<0.5	<1.0	--	--	--	--			--	10.88	0.00	8.95	--
	06/06/95	70	380	**780**	**15**	0.59	<0.5	2.3	--	--	--	--			--	10.91	0.00	8.92	--
	09/07/95	<50	260	**<750**	1.7	<0.5	<0.5	<1.0	--	--	--	--			--	10.76	0.00	9.07	--
	12/08/95	740	**580**	**2,000**	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	10.40	0.00	9.43	--
	04/01/96	<50	<250	**<750**	4.4	<0.5	<0.5	<1.0	--	--	--	--			--	10.67	0.00	9.16	--
	06/25/96	110	400	**<750**	**14.4**	<0.5	<0.5	<1.0	--	--	--	--			--	10.71	0.00	9.12	--
	09/27/96	<50	<250	**<750**	4.34	<0.5	<0.5	<1.0	--	--	--	--			--	10.85	0.00	8.98	--
	03/28/97[b]	64.5	<250	**<750**	**7.61**	<0.5	<0.5	1.57	--	--	--	--			--	10.92	0.00	8.91	--
	03/28/97	177	<250	**<750**	**52.6**	<0.5	<0.5	<1	--	--	--	--			--	10.92	0.00	8.91	--
	06/30/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/08/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/19/97	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/26/98[b]	<50	356	**<750**	**27.3**	<0.5	<0.5	<1	--	--	--	--			--	10.78	0.00	9.05	--
	09/23/98	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/17/98[b]	<50	<250	**<750**	3.34	<0.5	<0.5	1.12	--	--	--	--			--	10.61	0.00	9.22	--
	03/31/99	--	--	--	--	--	--	--	--	--	--	--			--	9.65	0.00	10.18	--
	06/30/99	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/08/99	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/20/00[b]	<50	<250	**<750**	<1.30	<0.5	<0.5	<1	--	--	--	--			--	10.94	0.00	8.89	--
	12/19/00[b]	**1,310**	357	**<750**	<0.5	6.10	10.6	77.3	--	--	--	--			--	11.20	0.00	8.63	--
	06/15/01	<50	**591**	**<952**	0.709	0.504	<0.5	1.18	--	--	--	--			--	10.98	0.00	8.85	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01[b]	<50	356	<500	<0.5	<0.5	<0.5	<1	--	--	--	--			--	11.14	0.00	8.69	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	181	**542**	<500	**7.64**	1.49	4.79	37.8	--	--	--	--			--	10.90	0.00	8.93	--
	03/08/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/26/02[c]	106	**747**	<500	2.36	<2	<1.00	<1.5	--	--	--	--			--	11.85	0.00	7.98	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/13/03	75.5	<284	**<568**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	10.91	0.00	8.92	--
	06/12/03	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	76.8	<294	**<588**	3.41	<0.5	<0.5	1.14	--	--	--	--			--	12.05	0.00	7.78	--
	01/14/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/30/04	272	262	**980**	<1	<1	<1	<2	--	--	--	--			--	11.81	0.00	8.02	1.21
	06/22/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/29/04	200	329	**735**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	11.87	0.00	7.96	0.20
	12/29/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/17/05	166	<248	<495	<1	<1	<1	<2	--	--	--	--			--	11.62	0.00	8.21	0.80
	06/01/05	217	<252	**616[f]**	<1	<1	<1	<2	1.3	--	--	--			--	11.25	0.00	8.58	1.70
	07/25/05	162	<250	<500	<0.2	<0.2	<0.2	<0.5	1.18	<0.5	--	--			--	11.36	0.00	--	1.00
29.34	11/04/05	99.2	<236	<472	<0.5	<0.5	<0.5	<1	<1	--	--	--			--	11.42	0.00	17.92	NM [o]
	02/22/06	73.5	<238	<476	<0.5	<0.5	<0.5	<3	1.06	<1	<1	--			--	11.24	0.00	18.10	--
	05/09/06	97.8	<236	<472	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	11.41	0.00	17.93	1.24
	06/13/06	Decommissioned																	--
MW-48	06/01/05	357	294[g]	<494	<1	<1	<1	<2	<1	--	--	--			--	9.40	0.00	--	1.30
27.98	07/25/05	334	<250	<500	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--			--	9.48	0.00	--	0.60
	11/04/05	278	<236	<472	<0.5	<0.5	<0.5	<1	<1	--	--	--			--	9.35	0.00	18.63	NM [o]
	02/22/06	**6,460**	<258	**<515**	**139**	26.8	219	**1140**	<20.0[q]	41	<1	--			--	9.41	0.00	18.57	--
	05/09/06	325	<236	<472	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	9.12	0.00	18.86	0.32
	08/30/06	176	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	10.40	0.00	17.58	1.79
	12/13/06	275	<240	<481	<0.5	<0.5	0.870	4.44	<1	<5	<1	--			--	--	--	--	0.09
	03/06/07	Decommissioned																	--
MW-49	07/25/05	313	**2,060**	**6,590**	<0.2	<0.2	<0.200	0.3	<1	0.550	--	--			--	3.82	0.00	--	3.20
22.36	11/02/05	<50	<236	<472	0.200	<0.5	0.660	1.06	<2	--	--	--			--	3.60	0.00	18.76	NM [o]
	02/24/06	380	457	**<556**	<0.5	<0.5	3.45	9.35	<1	1.52	1.69	--			--	--	--	--	--
	05/11/06	201	**2,550[p]**	**625[p]**	<0.5	<0.5	<0.5	<3	<1	<1	2.21	--			--	3.59	0.00	18.77	0.54
	08/31/06	<100	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	5.73	--			--	4.73	0.00	17.63	1.19
	12/13/06	197	<240	**679**	<0.5	<0.5	<0.5	<3	<1	<5	3.33	--			--	4.03	0.00	18.33	1.30
	03/07/07	232	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1.85	--			--	3.47	0.00	18.89	0.09
	06/13/07	178	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	2.42	--			--	3.59	0.00	18.77	0.88
	09/12/07	68.7	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	2.47	--			--	3.76	0.00	18.60	0.17
	12/19/07	308	<236	<472	<1	<1	<1	<3	<1	<1	13	--			--	2.59	0.00	19.77	--
	03/18/08	<50	<236	<472	**<236**	<0.5	<0.5	<0.5	<3	<1	<5	12.9			<1	3.12	0.00	19.24	--
	06/03/08	51.8	<236	<472	1.38	<0.5	<0.5	<3	<1	<5	6.12	<1			<236	3.55	0.00	18.81	--
	08/06/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	**28.1**	<1			<236	4.09	0.00	18.27	--
	11/04/08	Well under water, unable to sample.														3.13	0.00	19.23	--
	11/18/08	Decommissioned																	--
	11/20/12	**4,130**	**1,900**	<100	**6.0**	2.8	105	612	--	99.3	3.7	<3.0			**2,500**	4.37	--	23.15	
	11/06/13	281	<400	<400	<1.0	1.3	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	10.50	0.00	Note Z	--
28.06	07/29/14	Well was dry																	
27.91	12/08/14	323	--	--	**6.2**	<1.0	1.6	<3.0	<1.0	--	<10.0	<10.0	<0.0098	<1.0	--	10.95	0.00	16.96	--
	03/23/15	**917**	--	--	**2.0**	<1.0	20.4	53.8	--	--	--	--	--	--	--	9.23	0.00	18.68	--
	06/22/15	474	--	--	**5.1**	<1.0	18.3	<3.0	--	--	--	--	--	--	--	10.57	0.00	17.34	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MW-49	09/10/15	150	--	--	--	--	--	--	--	--	--	--	--	--	--	10.11	0.00	17.80	--
contd.	12/07/15	748	--	--	2.1	<1.0	20.3	3.4	--	--	--	--	--	--	--	8.09	0.00	19.82	--
	06/28/16	Unable to access well, not gauged or sampled.																	--
	12/13/16	Unable to access well, not gauged or sampled.																	--
MW-50	10/10/01	**8,970**	**2,200**	<606		674	221	382	**779**	--	--	--				11.11	0.00	8.69	--
19.80	12/28/01	**23,200**	**3,460**	<500		1,630	3,690	991	**4,480**	--	--	--				10.45	0.00	9.35	--
	03/08/02	Obstructed by vehicle														NM	NM	--	--
	06/24/02	**8,290**	**1,970**	556		414	23	314	**2,010**	--	--	--				10.84	0.00	8.96	--
	09/26/02	Obstructed by vehicle														NM	NM	--	--
	12/12/02	Obstructed by vehicle														NM	NM	--	--
	03/13/03	**12,200**	**1,810**	<588		733	127	523	**1,100**	--	--	--				9.93	0.00	9.87	--
	06/12/03	**6,450**	**1,740**	<500		448	13.7	299	**286**	--	--	--				11.27	0.00	8.53	--
	09/19/03	**4,440**	<250	<500		51.7	315	26.1	**462**	--	--	--				12.05	0.00	7.75	--
	01/14/04	**29,700**	**1,970**	<258		308	502	312	**6,180**	--	--	--				11.81	0.00	7.99	4.10
	03/30/04	**3,330**	**867**	<241		21.8	<5	21.9	**226.4**	--	--	--				11.65	0.00	8.15	1.69
	06/22/04	**2,130**	**874**	<237		14.2	2.4	27.9	**85.11**	--	--	--				11.79	0.00	8.01	1.10
	09/29/04	**3,600**	**1,330**	<502		92	62	100	**520**	--	--	--				11.71	0.00	8.09	0.20
	12/29/04	**1,570**	**745**	<611		9.69	3.88	9.98	**27.62**	--	--	--				11.01	0.00	8.79	1.50
	03/17/05	**1,420**	**1,060**	506		5.82	2.41	10.6	**30.59**	--	--	--				11.26	0.00	8.54	0.60
	06/01/05	**1,710**	**528[g]**	<503		20.3	10.7	42.3	**84.7**	8.01	--	--				10.58	0.00	9.22	1.30
	07/25/05	**1,500**	<250	<500		16.8	3.23	36.9	**50.11**	4.29	7.04	--				10.90	0.00	--	1.70
29.32	11/01/05	634	380 [g]	<472		15.9	2.49	0.52	2.19	5.62	--	--				10.60	0.00	18.72	NM [o]
	02/21/06	**1,430**	<272	<543		139	15.4	16.7	**28.20**	<5	7.05	1.33				10.56	0.00	18.76	--
	05/08/06	**1,550[j]**	**1,870**	<485		28.4	2.13	24.7	**35.06**	3.88	9.48	<1				10.81	0.00	18.51	<1.00
	08/29/06	264	<248	<495		8.55	0.780	6.87	7.26	4.23	<5	<1				11.58	0.00	17.74	0.47
	12/12/06	**1,650**	<243	<485		80.9	2.75	18.9	41.9	3.93	**17.4**	1.62				10.61	0.00	18.71	0.09
	03/08/07	**1,650**	<240	<481		51.3	1.06	14.1	33.6	2.92	**35.9**	<1				10.53	0.00	18.79	0.30
	06/15/07	**1390 [J]**	333	<495 [r]		28.0	1.00	6.46	5.20	1.85	**40.5**	<1				10.74	0.00	18.58	0.35
	09/13/07	439	<240	<481		4.36	<0.5	0.650	<3	1.89	10.3	<1				10.90	0.00	18.42	0.13
	12/18/07	886	<236	<472		1.10	<1	4	<3	<1	6.9	2.94				9.63	0.00	19.69	--
	03/18/08	77.6	<236	<472	<236	1.02	0.58	1.85	<3	<1	<5	<1			<1	11.39	0.00	17.93	--
	06/03/08	Well covered by trailer truck, unable to sample														--	--	--	--
	08/05/08	**1,260**	<236	<472	3.94	0.50	8.42	9.76	2.06	<5	4	<1			494	11.28	0.00	18.04	--
	11/03/08	**1,250**	<236	<472	<0.500	<0.500	3.69	4.84	<1.00	<5.00	<1.00	<1.00			478	10.79	0.00	18.53	--
	11/18/08	Thought to be Decommissioned														--	--	--	--
	11/15/09	630	**2,900[y]**	<490	2.3	0.74	0.65	<2.0	<1.0	660[H]	1.1	<1			**3000**	11.88	0.00	17.44	--
	02/21/10	<50.0	**1,280**	457	<1.0	<1.0	<1.0	4.9	--	62.8	0.61	<0.10			392	11.02	0.00	18.30	--
	05/23/10	57.4	**1320**	433	<1.0	<1.0	<1.0	<3.0	--	60.4	0.92	<0.10			**1080**	10.72	0.00	18.60	--
	08/16/10	<50.0	158	<392	<1.0	<1.0	<1.0	<3.0	--	33.4	0.63	0.18			181	11.07	0.00	18.25	--
	11/16/10	<50.0	102	<388	<1.0	<1.0	<1.0	<3.0	--	35.6	<10.0	<10.0			102	10.43	0.00	18.89	--
	02/28/11	74.8	102	<388	<1.0	<1.0	<1.0	<3.0	--	19.2	<10.0	--			114	10.75	0.00	18.57	--
	06/14/11	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	--	0.52	<0.10			--	10.06	0.00	19.26	--
	08/29/11	65.1	<86.0	<430	<1.0	<1.0	<1.0	<3.0	--	15	0.19	0.12			88.2	10.65	0.00	18.67	--
	12/05/11	71.6	<86.0	<430	<1.0	<1.0	<1.0	<3.0	--	10.2	0.53	<0.10			<86.0	10.15	0.00	19.17	--
	02/15/12	85.0	110	<426	<1.0	<1.0	<1.0	<3.0	--	20.5	<10.0	<10.0			154	11.35	0.00	17.97	--
	05/15/12	97.9	<80.0	<400	<1.0	<1.0	<1.0	<3.0	--	16.1	<10.0	<10.0			87.3	10.36	0.00	18.96	--
	08/14/12	138	117	<430	<1.0	<1.0	<1.0	<3.0	--	11.4	<10.0	<10.0			143	10.75	0.00	18.57	
MW-51	10/10/01	671	11,700	2,150	10.1	10.4	7.75	16.6	--	--	--	--			--	11.68	0.00	8.90	--
20.58	12/28/01	631	2,170	3,100	37.0	75.6	30.4	81.2	--	--	--	--			--	11.20	0.00	9.38	--
	03/08/02	102	2,350	1,610	6.22	5.89	3.84	10.4	--	--	--	--			--	11.38	0.00	9.20	--
	06/24/02	57.7	2,650	1,730	1.28	1.42	0.699	2.51	--	--	--	--			--	11.60	0.00	8.98	--
	09/26/02[c]	<100	1,660	875	0.848	<2	<1	<1.5	--	--	--	--			--	12.18	0.00	8.40	--
	12/12/02	<50	2,050	781	<0.5	<0.5	<0.5	<1	--	--	--	--			--	12.28	0.00	8.30	--
	03/13/03	<50	693	<625	<0.5	<0.5	<0.5	<1	--	--	--	--			--	11.05	0.00	9.53	--
	06/12/03	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	52.4	<250	<500	1.47	1.81	0.544	3.59	--	--	--	--			--	12.42	0.00	8.16	--
	01/14/04	73.5	<139	<278	<0.25	0.804	<0.5	<1	--	--	--	--			--	11.79	0.00	8.79	0.40
	03/30/04	<100	404	401	<1	<1	<1	<2	--	--	--	--			--	12.22	0.00	8.36	1.56
	06/22/04	104	129	<237	<1	<1	<1	<2	--	--	--	--			--	12.10	0.00	8.48	1.20
	09/29/04	150	<242	<484	<0.5	<0.5	<0.5	<1	--	--	--	--			--	12.20	0.00	8.38	1.40
	12/29/04	<100	<257	<514	<1	<1	<1	<2	--	--	--	--			--	11.80	0.00	8.78	0.10
	03/17/05	<100	<240	<481	<1	<1	<1	<2	--	--	--	--			--	11.58	0.00	9.00	1.80
	06/01/05	<100	408[f]	<520	<1	<1	<1	<2	<1	--	--	--			--	11.62	0.00	8.96	2.10
	07/25/05	<50	697[c]	826	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--			--	11.74	0.00	--	2.90
29.75	11/04/05	<50	<238	<476	<0.5	<0.5	<0.5	<1	<1	--	--	--			--	11.80	0.00	17.95	NM [o]
	11/04/05	--	1,290 [r,f]	536 [r,f]	--	--	--	--	--	--	--	--			--	--	--	--	--
	02/22/06	<50	<248	<495	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	11.64	0.00	18.11	--
	05/08/06	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1	<1	3.71	--			--	11.82	0.00	17.93	1.61
	08/30/06	<80	<245	<490	<0.5	<0.5	<0.5	<3	1.20	<5	2.81	--			--	12.23	0.00	17.52	0.56
	12/12/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	11.70	0.00	18.05	0.18
	03/07/07	<50	<258	<515	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	11.61	0.00	18.14	0.42
	06/15/07	<50	<245	<490 [r]	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	11.77	0.00	17.98	0.31
	09/13/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	11.95	0.00	17.80	0.38
	12/19/07	<50	<236	<472	<1	<1	<1.00	<3	<1	<1	20.60	--			--	11.17	0.00	18.58	--
	03/18/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<1	11.71		18.04	--
	06/03/08	Well covered by construction vehicles and semi-trucks, unable to sample														--	--	--	--
	08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	1.40			<236	11.98	0.00	17.77	--
	11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00		<5.00	<1.00	<1.00			<236	11.83	0.00	17.92	--
	02/22/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00			<236	15.32	0.00	14.43	--
	05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.36	<1.00			<240	12.97	0.00	16.78	
	08/16/09	Insufficient volume of water to fill sample containers.														14.80	0.00	14.95	
	11/15/09	<50	<240	<490	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0[H]	<1	<1			<240	11.81	0.00	17.94	
	02/21/10	<50.0	1,040	1,550	<1.0	<1.0	<1.0	<3.0	--	2.4	6.1	<0.10			<76.9	11.52	0.00	18.23	
	05/23/10	<50.0	1270	1610	<1.0	<1.0	<1.0	<3.0	--	<1.0	.47	<0.10			346	11.40	0.00	18.35	
	08/17/10	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.4	0.10			346	11.59	0.00	18.16	
	11/16/10	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<76.9	10.42	0.00	19.33	
	02/27/11	Well Compromised, not sampled														--	--	--	
	06/14/11	Well Compromised, not monitored or sampled																	
	08/29/11	Well Compromised, not monitored or sampled																	
MW-52	10/10/01	13,400	1,460	<582	1,150	<10	827	793	--	--	--	--			--	10.79	0.00	--	--
	12/28/01	7,900	1,690	595	634	5.87	509	479	--	--	--	--			--	10.22	0.00	--	--
	03/08/02	10,100	2,790	<602	814	6.30	602	387	--	--	--	--			--	10.42	0.00	--	--
	06/24/02	9,820	2,810	640	1,250	<25	757	448	--	--	--	--			--	10.58	0.00	--	--
	09/26/02[c]	6,600	3,530	<500	943	21.7	600	284	--	--	--	--			--	11.51	0.00	--	--
	12/12/02	1,170	7,350	638	120	0.822	73.9	7.30	--	--	--	--			--	11.61	0.00	--	--
	03/13/03	4,540	1,530	<568	272	52.7	236	210	--	--	--	--			--	9.59	0.00	--	--
	06/12/03	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	Obstructed by vehicle														NM	NM	--	--
	01/14/04	905	<126	<252	16.6	0.532	39.6	2.45	--	--	--	--			--	11.00	0.00	--	0.30
	03/30/04	738	462	<253	16.8	<1	18.4	24.66	--	--	--	--			--	11.47	0.00	--	1.31
	06/22/04	1,600	593	<248	161	<10	70.1	<20	--	--	--	--			--	11.50	0.00	--	1.50

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MW-52	09/29/04	290	<253	<507[r]	4.9	<0.5	4.8	2.3	--	--	--	--			--	11.45	0.00	--	0.30
contd.	12/29/04	844	272	<507	28.7	<1	17	9.22	--	--	--	--			--	10.75	0.00	--	0.40
	03/17/05	752	<238	<477	18.9	<1	17.6	3.75	--	--	--	--			--	11.00	0.00	--	0.70
	06/01/05	503	<249[j]	<498[j]	28.3	<1	19	7.06	<1	--	--	--			--	10.30	0.00	--	1.40
	07/25/05	401	368	<500	14.5	<0.2	8.24	3.12	<1	2.37	--	--			--	10.60	0.00	--	1.50
29.06	11/08/05	243	<243	<485	6.47	0.860	9.39	4.69	<1	--	--	--			--	10.41	0.00	18.65	NM [o]
	02/23/06	91.8	587	<495	<0.5	<0.5	<0.5	<3	<1	<1	<1	<1			--	10.38	0.00	18.68	--
	05/08/06	<250[s]	290[p]	<490	<0.5	<0.5	0.560	<3	<1	<1	<1	<1			--	10.48	0.00	18.58	0.57
	08/30/06	178	<236	<472	10.3	1.14	8.04	11	<1	<5	<1	<1			--	11.33	0.00	17.73	3.70
	12/13/06	215	<245	<490	5.82	<0.5	4.20	<3	<1	<5	1.02	1.02			--	10.37	0.00	18.69	0.10
	03/06/07	Not Accessable- construction equipment														--	--	--	--
	06/15/07	146	<250	<500	0.620	<0.5	<0.5	<3	<1	<5	<1	--			--	10.23	0.00	18.83	0.25
	09/13/07	57.7	<250	<500	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	10.36	0.00	18.70	0.01
	12/17/07	Unable to locate														--	--	--	--
	03/17/08	<50	<238	<476	<238	<0.5	<0.5	<0.5	<3	<1	<5	97.6			<1	9.85	0.00	19.21	--
	06/02/08	52.70	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	6.14	<1			<236	10.14	0.00	18.92	--
	08/04/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	8.43	<1			<236	11.08	0.00	17.98	--
	11/05/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00		<5.00	17.80	<1.00			<236	10	0.00	19.06	--
	11/18/08	Decommissioned																	--
MW-53	03/13/03	14,000	1,030	<625	398	143	501	1,170	--	--	--	--			--	11.17	0.00	9.58	--
20.75	06/12/03	9,700	1,370	<500	553	197	431	1,270	--	--	--	--			--	12.05	0.00	8.70	--
	09/19/03	1,470	<250	<500	29.3	6.61	28.5	111	--	--	--	--			--	12.85	0.00	7.90	--
	01/14/04	2,770	181	<264	173	3.79	91.7	127.1	--	--	--	--			--	11.70	0.00	9.05	0.40
	03/30/04	3,580	686	<237	257	49.7	125	204.8	--	--	--	--			--	12.26	0.00	8.49	1.28
	06/22/04	4,820	750	<240	363	85.2	188	425	--	--	--	--			--	12.23	0.00	8.52	1.10
	09/29/04	240	311	<509	1.9	<0.5	1.4	6.7	--	--	--	--			--	12.60	0.00	8.15	1.90
	12/29/04	2,650	655	<491	225	11.9	92.8	123.4	--	--	--	--			--	11.70	0.00	9.05	0.30
	03/17/05	1,560	293	<515	106	3.25	40.9	61.3	--	--	--	--			--	12.97	0.00	7.78	1.40
	06/01/05	3,120	381[g]	493[f]	205	5.98	120	236.9	1.88	--	--	--			--	11.22	0.00	9.53	1.50
30.38	07/25/05	450	310[b]	<500	20.4	0.610	8.96	13.14	<1	9.15	--	--			--	11.75	0.00	--	2.50
	11/04/05	1,510	<236	<472	164	<2.5	59.4	28.2	<5.00	--	--	--			--	11.49	0.00	18.89	1.70
	02/22/06	2,770	<248	<495	183	5.65	77.2	173	<5.00[a]	30.0	1.16	--			--	11.04	0.00	19.34	--
	05/08/06	559	<245	<490	66.6	<1	21.2	9.06	<2.00	8.24	1.32	--			--	11.54	0.00	18.84	0.95
	08/30/06	1,980	<236	<472	188	4.50	61.2	112	<1	38.7	<1	--			--	12.32	0.00	18.06	0.41
	12/12/06	177	<245	<490	33.8	<0.5	2.20	4.38	<1	<5	3.34	--			--	11.07	0.00	19.31	1.13
	03/07/07	<50	<236	<472	2.86	<0.5	<0.5	<3	<1	<5	1.44	--			--	11.17	0.00	19.21	0.50
	06/15/07	71.4	<238	<476[r]	1.11	<0.5	0.590	<3	<1	<5	<1	--			--	11.42	0.00	18.96	0.80
	09/13/07	<50	<238	<476	0.970	<0.5	<0.5	<3	<1	<5	2.62	--			--	11.64	0.00	18.74	0.02
	12/17/07	Unable to locate														--	--	--	--
	03/17/08	121	<236	<472	<236	8.96	<0.5	3.69	3.58	<1	<5	81.9			<1	10.89	0.00	19.49	--
	06/02/08	176	<236	<472	17.4	<0.5	6.51	<3	<1	<5	35.60	<1			<236	11.64	0.00	18.74	--
	08/04/08	382	<236	<472	63.2	2.34	18.5	17.7	<1	5.36	21.90	<1			<236	12.35	0.00	18.03	--
	11/040/8	117	<236	<472	6.65	<0.500	2.92	<3.00	<1.00	<5.00	<1.00	<1.00			<236	11.34	0.00	19.04	--
	11/18/08	Decommissioned														--	--	--	--
	11/20/12	183	180	<100	<1.0	<1.0	<1.0	<3.0	--	6.5	6.4	<3.0			250	8.88	0.00	20.44	
	11/06/13	185	**540**	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0			**530**	12.55	0.00	16.77	--
	07/29/14	Well contained approximately 0.05 foot of water in well cap; well was not sampled.																	
29.00	12/08/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	14.0	<10.0	<0.0098	<1.0	--	14.07	0.00	14.93	--
	03/27/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.05	0.00	16.95	--
	06/22/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.79	0.00	16.21	--
	09/10/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.54	0.00	16.46	--
	12/07/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.01	0.00	16.99	--
	06/28/16	Not Gauged or Sampled.																	--
	12/14/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.7	0.00	18.30	--
MW-54	06/16/05	206	130[f]	410	4.82	<1	2.09	10.27	<1	--	--	--			--	9.09	0.00	18.91	1.40
28.00	07/25/05	177	<250	<500	**5.26**	0.280	0.680	3.11	<1	0.990	--	--			--	9.51	0.00	18.49	0.20
	11/18/05	75.8	<243	<485	0.560	0.530	4.19	10.8	<1	--	--	--			--	9.73	0.00	18.27	0.39
	02/23/06	<50	**695**	<472	<0.5	<0.5	<0.5	<0.5	<1	<1	1.04	--			--	9.44	0.00	18.56	--
	05/08/06	<50	328[p]	<500	<0.5	<0.5	<0.5	<3	<1	<1	1.41	--			--	9.31	0.00	18.69	0.97
	08/29/06	<80	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	10.33	0.00	17.67	0.53
	12/12/06	<50	<248	<495	<0.5	<0.5	<0.5	<3	<1	<5	2.69	--			--	9.69	0.00	18.31	1.99
	03/06/07	<50	<263	**<526**	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	9.40	0.00	18.60	0.83
	06/15/07	<50	<243	<485[r]	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	9.25	0.00	18.75	0.38
	09/13/07	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	9.59	0.00	18.41	0.20
	12/18/07	<50	<236	<472	<1	<1	<1	<3	<1	<1	1.13	--			--	8.53	0.00	19.47	
	03/18/08	<50	<236	<472	**<236**	<0.5	<0.5	<0.5	<3	<1	<5	<1			<1	9.06		18.94	--
	06/03/08	Unable to sample, well under water														--	--	--	--
	08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	2.37	<1			<236	9.68	0.00	18.32	--
	11/03/08	<50	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	8.64	<1.00			<236	8.72	0.00	19.28	--
	02/22/09	Well inaccessible: buried under garbage containers.														--	--	--	--
	05/17/09	Well inaccessible: buried under garbage containers.														--	--	--	--
	08/16/09	280	<240	<480	<0.50	<0.50	1.4	2.5	<1.0	<5.0	<5.0	<5.0			310	11.78	0.00	16.22	--
	11/15/09	<50	<240	<470	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	1.8	<1			<240	9.78	0.00	18.22	--
	02/21/10	<50.0	178	434	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.1	0.24			<75.8	9.20	0.00	18.80	--
	05/23/10	<50.0	144	384	<1.0	<1.0	<1.0	<3.0	--	<1.0	4.4	0.12			92.8	8.64	0.00	19.36	--
	08/16/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	5.7	0.21			<77.7	9.30	0.00	18.70	--
	11/17/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<77.7	8.76	0.00	19.24	--
	02/28/11	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	--			<77.7	9.23	0.00	18.77	--
	06/14/11	<50.0	<84.2	<421	<1.0	<1.0	<1.0	<3.0	--	--	1.2	<0.10			--	8.50	0.00	19.50	--
	08/29/11	<50.0	<84.2	<421	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.58	<0.10			<84.2	9.13	0.00	18.87	--
	12/05/11	<50.0	<84.2	<421	<1.0	<1.0	<1.0	<3.0	--	<10.0	0.70	0.18			<84.2	8.90	0.00	19.10	--
	02/16/12	<50.0	<75.8	<379	<1.0	<1.0	<1.0	<3.0	--	2.4	<10.0	<10.0			<75.8	9.98	0.00	18.02	--
	05/15/12	<50.0	<75.5	<377	<1.0	<1.0	<1.0	<3.0	--	4.0	<10.0	<10.0			<75.5	8.38	0.00	19.62	--
	08/14/12	<50.0	<87.9	<440	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<87.9	9.40	0.00	18.60	--
MW-55	06/16/05	2,240	3,100[f,j]	<2,500[j]	<2	<2	<2	<4	<2	--	--	--			--	10.53	0.00	18.69	--
29.22	07/25/05	1,850	1,390[e]	<500	0.480	1.69	2.57	1.99	<1	908	--	--			--	10.92	0.00	18.30	--
	11/01/05	814	699 [n]	<526	0.360	2.12	<0.500	<1	<2	--	--	--			--	11.11	0.00	18.11	--
	02/21/06	278	353	<562	<0.5	1.35	<0.500	<3	<1	117	<1	--			--	10.62	0.00	18.60	--
	05/08/06	190	358	<500	<0.5	0.550	<0.500	<3	<1	64.9	<1	--			--	11.47	0.00	17.75	--
	08/29/06	<80	268	<495	1.42	0.910	0.720	6.95	<1	104	<1	--			--	12.23	0.00	16.99	--
	12/12/06	60.1	<243	<485	<0.5	<0.5	<0.5	<3	1.06	39.1	<1	--			--	11.51	0.00	17.71	--
	03/06/07	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	10.73	0.00	18.49	--
	06/15/07	<50	<245	<490[r]	<0.5	<0.5	<0.5	<3	<1	7.19	<1	--			--	11.46	0.00	17.76	--
	09/13/07	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	11.99	0.00	17.23	--
	12/18/07	<50	<236	<472	<1	<1	<1	<3	<1	3.60	2.31	2.31			--	10.42	0.00	18.80	--
	03/18/08	<50	<238	<476	<238	<0.5	<0.5	<0.5	<3	<1	<5	1.00			<1	11.03	0.00	18.19	--
	06/03/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	6.88	1.30	<1			<236	11.23	0.00	17.99	--
	08/05/08	Vehicle parked over well														11.76	0.00	17.46	--
	11/02/08	51.8	<245	<490	<0.5	<0.5	<0.5	<3.00	<1.00	10.1	1.16	<1.00			<245	11.75	0.00	17.47	--
	11/18/08	Decommissioned																	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15			500	--	--	--	--
MW-56	06/16/05	135	210[f]	380[f]	<1	<1	<1	<2	1.29	--	--	--			--	10.91	0.00	18.79	--
29.70	07/25/05	220	<250	<500	3.81	<0.2	3.96	<0.5	<1	<0.5	--	--			--	11.24	0.00	18.46	--
	11/03/05	130	<236	<472	7.28	<0.5	1.70	2.33	<2	--	--	--			--	11.03	0.00	18.67	--
	02/22/06	285	<248	<495	3.69	0.690	0.870	<3	2.79	<1	<1	--			--	10.96	0.00	18.74	--
	05/08/06	120	<248	<495	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	11.19	0.00	18.51	--
	08/30/06	449	<243	<485	36.7	<0.5	4.02	<3	1.67	<5	1.85	--			--	11.96	0.00	17.74	--
	12/12/06	609	<245	<490	2.72	0.570	5.12	<3	3.56	<5	<1	--			--	11.11	0.00	18.59	--
	03/06/07	279	<250	<500	<0.5	<0.5	<0.500	<3	2.20	<5	<1	--			--	10.96	0.00	18.74	--
	06/15/07	106	<245	<490 [r]	1.94	<0.5	0.650	<3	1.53	10.1	<1	--			--	11.11	0.00	18.59	--
	09/13/07	<50	<250	<500	<0.5	<0.5	<0.500	<3	<1	<5	<1	--			--	11.30	0.00	18.40	--
	12/18/07	51.30	<236	<472	<1	<1	<1.00	<3	<1	<1	2.99	--			--	9.83	0.00	19.87	--
	03/18/08	92.90	<236	<472	<236	1.01	0.62	1.83	<3	<1	<5	5.97			<1	10.68	0.00	19.02	--
	06/03/08	73.80	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<236	11.12	0.00	18.58	--
	08/05/08	98.4	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	1.46	<1			<236	11.60	0.00	18.10	--
	11/03/08	312	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<236	11.11	0.00	18.59	--
	11/18/08	Decommissioned																	--
MW-57	06/16/05	16,900	1,800[f]	<1,200	525	2,310	327	2,188	<20	--	--	--			--	10.54	0.00	18.77	--
29.31	07/25/05	11,400	418[b]	571	614	2,680	436	2,647	<1	98.0	--	--			--	10.83	0.00	18.48	--
	11/08/05	3,980	<245	<490	328	497	100	525	<10	--	--	--			--	10.62	0.00	18.69	--
	02/23/06	10,800	877	<495	909	1,570	381	2,230	<20	92.0	4.38	--			--	10.59	0.00	18.72	--
	05/08/06	12,200	426	<485	538	960	281	1,671	<1	94.0	2.09	--			--	10.70	0.00	18.61	--
	08/30/06	2,620	<248	<495	249	37.9	77.4	350	<1	28.9	1.24	--			--	11.55	0.00	17.76	--
	12/13/06	39,400	422	<495	1,200	5,020	1,150	6,590	<5	266	5.18	--			--	10.55	0.00	18.76	--
	03/08/07	21,600	267	<472	1,130	2,330	876	4,610	<40	291	9.81	--			--	10.44	0.00	18.87	--
	06/15/07	19,800	<245	<490 [r]	699	1,010	660	3,350	<20	256	1.77	--			--	10.65	0.00	18.66	--
	09/14/07	34,900	349	<495	1,470	2,400	1,270	6,520	<1	<500	27.60	--			--	10.82	0.00	18.49	--
	12/18/07	221	<236	<472	<1	<1	<1	<3	<1	1.60	200	--			--	9.60	0.00	19.71	--
	03/18/08	23,100	340	<476	4,660	942	1,610	878	4,190	<1	<200	199			1.92	10.18	0.00	19.13	--
	06/03/08	173	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	49.8	<1			<236	10.56	0.00	18.75	--
	08/04/08	7,580	<236	<472	433	154	399	1,860	<1	87.2	322	<1			1,510	11.17	0.00	18.14	--
	11/05/08	76.2	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	12.8	<1.00			367	10.49	0.00	18.82	--
	11/18/08	Decommissioned																	--
MW-58	06/16/05	3,970	420[f]	<250	628	499	143	541	<5	--	--	--			--	11.71	0.00	18.98	--
30.69	07/25/05	7,750	673[b]	<500	1,420	1,610	379	1,687	<1	57.0	--	--			--	11.85	0.00	18.84	--
	11/07/05	1,350	<248	<495	147	123	37.2	177	<4	--	--	--			--	11.84	0.00	18.85	--
	02/22/06	28,700	<258	<515	2,570	3,980	906	4,200	<50 [q,r]	166	1.21	--			--	11.54	0.00	19.15	--
	05/08/06	11,700	<238	<476	959	1,150	314	1,644	<1	107	1.04	--			--	11.81	0.00	18.88	--
	08/30/06	9,010	<245	<490	2,070	347	736	2,950	<1	<250	2.09	--			--	12.54	0.00	18.15	--
	12/13/06	17,000	268	<485	1,720	241	767	2,920	<5	178	<1	--			--	11.37	0.00	19.32	--
	03/08/07	3,790	<245	<490	423	367	100	548	<20	<100	13.0	--			--	11.84	0.00	18.85	--
	06/15/07	2,220	<243	<485 [r]	328	175	54.0	333	<1	12.3	<1	--			--	11.72	0.00	18.97	--
	09/13/07	260	<238	<476	20.8	5.73	5.50	10	<1	<5	<1	--			--	12.25	0.00	18.44	--
	12/19/07	111	<236	<472	7.9	<1	1.60	7	<1	1.2	71.50	--			--	10.20	0.00	20.49	--
	03/17/08	486	<236	<472	<236	116.0	<0.5	22.30	8.68	<1	<5	3.29			<1	11.38	0.00	19.31	--
	06/02/08	2,350	<236	<472	328 [x]	2.45	167 [x]	215	<1	10.60	19.30	<1			472	11.78	0.00	18.91	--
	08/04/08	2,680	<236	<472	533	1.94	154	231	<1	19.20	6.82	<1			539	12.44	0.00	18.25	--
	11/04/08	1,310	<236	<472	130	1.46	80.9	99.7	<1.00	8.62	3.47	<1.00			355	12.12	0.00	18.57	--
	11/18/08	Decommissioned																	--
MW-59	06/16/05	10,100	1,700[f]	<1,200	519	<10	176	725.2	<10	--	--	--			--	12.00	0.00	18.73	--
30.73	07/25/05	4,680	253	<500	307	1.24	181	201	<4	64.3	--	--			--	12.30	0.00	18.43	--
	11/08/05	919	<250	<500	10.3	<0.5	28.8	41.0	<1	--	--	--			--	12.05	0.00	18.68	--
	02/22/06	1,630	<248	<495	89.8	<2.5	105	<15	<5 [q,r]	9.80	1.83	--			--	--	--	--	--
	05/08/06	968	322	<500	27.9	0.510	53.2	89.44	<1	6.27	1.04	--			--	12.15	0.00	18.58	--
	08/30/06	830	<236	<472	27.1	<0.5	61.7	82.8	<1	<5	1.82	--			--	13.01	0.00	17.72	--
	12/13/06	1,280	<243	<485	76.3	1.35	50.7	24.8	<1	13.5	2.18	--			--	12.05	0.00	18.68	--
	03/06/07	129	<245	<490	2.22	<0.5	1.12	<3	<1	<5	<1	--			--	11.90	0.00	18.83	--
	06/15/07	87.8	<245	<490 [r]	8.24	<0.5	0.740	<3	<1	<5	<1	--			--	12.12	0.00	18.61	--
	09/13/07	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	1.13	--			--	12.29	0.00	18.44	--
	12/18/07	80.20	<236	<472	<1	<1	<1	<3	<1	<1	16.60	--			--	10.95	0.00	19.78	--
	03/17/08	126	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<5	142.00			<1	11.68	0.00	19.05	--
	06/02/08	184	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	32.10	<1			<240	12.09	0.00	18.64	--
	08/04/08	213	<236	<472	5.64	<0.5	0.51	<3	<1	<5	132	<1			270	12.60	0.00	18.13	--
	11/05/08	280	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.29	<1.00			<238	11.90	0.00	18.83	--
	11/18/08	Decommissioned																	--
MW-60	06/16/05	64,300	4,300[f,t]	<5,000[t]	4,100	6,820	2,260	10,610	<40	--	--	--			--	11.54	Sheen	18.77	--
30.31	07/25/05	48,800	2,820[b]	791	3,670	4,730	1,570	7,720	<1	299	--	--			--	11.87	0.00	18.44	--
	11/07/05	78,100	311 [f]	<472	5,260	6,550	2,950	16,200	<200	--	--	--			--	11.53	0.00	18.78	--
	11/07/05	--	490 [t,r]	<962 [r]	--	--	--	--	--	--	--	--			--	--	--	--	--
	02/24/06	56,900	973	<510	5,020	89.6	2,750	14,600	<40	721	5.09	--			--	11.61	0.00	18.70	--
	05/08/06	48,800	1,150	<476	3,660	179	1,780	8,500	<1	473	3.21	--			--	11.72	0.00	18.59	--
	08/30/06	40,700	406p	<521	5,350	434	2,610	10,300	<1	472	2.56	--			--	12.59	0.00	17.72	--
	12/12/06	56,400	417	<505	4,630	58.6	2,840	11,200	<5	<500	2.14	--			--	11.64	0.00	18.67	--
	03/07/07	27,700	<245	<490	1,780	84.8	652	4,870	<40	350	1.09	--			--	11.44	0.00	18.87	--
	06/15/07	41,200	957	<476 [r]	2,870	119	1,200	6,970	<40	880	1.11	--			--	7.01[v]	0.00	23.30[v]	--
	09/14/07	52,200	346	<500	3,260	42.2	1,680	10,100	<1	632	1.41	--			--	11.88	0.00	18.43	--
	12/18/07	29,300	361	<476	2,000	14.0	1,300	3,660	<1	320	20.30	--			--	10.59	0.00	19.72	--
	03/18/08	24,700	464	<472	5,480	2,490	30.9	1,460	3,710	<1	210	1.67			<1	11.36	0.00	18.95	--
	06/03/08	24,900	432	<472	2,890	13.8	1,400	2,510	<1	<200	19.30	<1			7,830	11.51	0.00	18.80	--
	08/04/08	29,400	680	<472	3,330	59.2	2,180	3,830	<40.0	377	1.65	<1			5,030	12.22	0.00	18.09	--
	11/05/08	23,300	740	<476	2,220	24.6	1,760	2,440	<1.00	267	2.14	<1.00			<476	11.54	0.00	18.77	--
	11/18/08	Decommissioned																	--
MW-61	11/01/05	<50	<236	<472	10.0	<0.5	<0.5	<1	<2	--	--	--			--	11.39	0.00	18.85	--
30.24	02/21/06	<50	<250	<500	2.80	<0.5	<0.5	<3	<1	<1	<1	--			--	10.90	0.00	19.34	--
	05/09/06	<50	<240	<481	3.39	<0.5	<0.5	<3	<1	<1	<1	--			--	11.36	0.00	18.88	--
	08/31/06	<100	<250	<500	0.600	<0.5	<0.5	<3	<1	<5	<1	--			--	11.66	0.00	18.58	--
	12/13/06	<50	<238	<476	1.31	<0.5	<0.5	<3	<1	<5	<1	--			--	10.68	0.00	19.56	--
	03/06/07	Decommissioned																	--
MW-62	11/01/05	<50	<243	<485	0.470	<0.5	<0.5	<1	<2	--	--	--			--	10.79	0.00	18.95	--
29.74	02/21/06	<50	<275	<549	<2.50	<2.5	<2.5	<15	<5	<5	<1	--			--	10.52	0.00	19.22	--
	05/09/06	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	10.71	0.00	19.03	--
	08/31/06	<100	<248	<495	<0.5	<0.5	<0.5	<3	<1	<5	1.13	--			--	11.76	0.00	17.98	--
	12/13/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	9.89	0.00	19.85	--
	03/06/07	Decommissioned																	--
MW-63	11/01/05	<50	<250	<500	1.00	<0.5	<0.5	<1	<2	--	--	--			--	10.44	0.00	18.99	--
29.43	02/21/06	<50	<278	<556	<0.5	<0.5	<0.5	<3	<1	<1	5.98	--			--	10.26	0.00	19.17	--
	05/09/06	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1	<1	1.43	--			--	10.41	0.00	19.02	--
	08/31/06	<100	<248	<495	<0.5	<0.5	<0.5	<3	<1	<5	2.52	--			--	11.90	0.00	17.53	--
	12/13/06	<50	<243	<485	0.59	<0.5	<0.5	<3	<1	<5	<1	--			--	9.99	0.00	19.44	--
	03/06/07	Decommissioned																	--
MW-64	11/01/05	<50	<250	<500	41.9	<0.5	<0.5	<1	<2	--	--	--			--	9.82	0.00	18.91	--
28.73	02/21/06	84.9	<272	<543	32.4	<0.5	<0.5	<3	<1	<1	<1	--			--	9.48	0.00	19.25	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15			500	--	--	--	--
	05/09/06	133[t]	<248	<495	55.8	<0.5	<0.5	<3	<1	<1	<1	--			--	9.60	0.00	19.13	--
MW-64	08/31/06	<100	<243	<485	6.00	<0.5	<0.5	<3	<1	<5	<1	--			--	11.10	0.00	17.63	--
cont.	12/13/06	<50	<240	<481	14.7	<0.5	<0.5	<3	<1	<5	<1	--			--	9.22	0.00	19.51	--
	03/06/07	Decommissioned																	--
MW-65	11/04/05	857	<236	<472	0.740	0.740	12.9	7.80	<1	--	--	--			--	9.23	0.00	18.44	--
27.67	02/23/06	1,000	638	<495	<0.5	1.83	15.3	8.34	<1	4.32	<1	--			--	9.13	0.00	18.54	--
	05/09/06	1,220[t]	<236	<472	<0.5	0.680	7.72	3.04	<1	2.52	<1	--			--	8.67	0.00	19.00	--
	08/30/06	261	<248	<495	<0.5	<0.5	11.2	3.42	<1	<5	<1	--			--	9.90	0.00	17.77	--
	03/06/07	Decommissioned																	--
MW-66	11/07/05	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	--	--	--			--	10.50	0.00	18.15	--
28.65	02/24/06	<50	<253	<505	<0.5	<0.5	<0.5	<3	<1	<1[r]	<1	--			--	10.28	0.00	18.37	--
	05/09/06	<50	<272	<543	<0.5	<0.5	<0.5	<3	<1	1.85	<1	--			--	10.20	0.00	18.45	--
	08/30/06	<80	<248	<495	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	11.51	0.00	17.14	--
	03/06/07	Decommissioned																	--
MW-67	11/04/05	78.1	<238	<476	<0.5	<0.5	0.77	1.44	<1	--	--	--			--	9.33	0.00	18.31	--
27.64	02/23/06	<50	<255	<510	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	9.15	0.00	18.49	--
	05/09/06	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	8.81	0.00	18.83	--
	08/30/06	<80	<275	<549	<0.5	<0.5	<0.5	<3	<1	<5	1.75	--			--	9.55	0.00	18.09	--
	03/06/07	Decommissioned																	--
MW-68	11/04/05	437	<236	<472	8.11	0.790	<0.5	<3	1.21	--	--	--			--	11.30	0.00	17.93	--
29.23	02/22/06	248	<255	<510	19.0	1.70	<0.5	5.08	<1	<1	<1	--			--	11.15	0.00	18.08	--
	05/09/06	184	<238	<476	2.46	0.570	<0.5	<3	<1	<1	<1	--			--	11.33	0.00	17.90	--
	08/30/06	168	<258	<515	1.29	2.08	<0.5	<3	1.02	<5	8.45	--			--	11.72	0.00	17.51	--
	12/13/06	401	<245	<490	115	<1.00	<1.00	<6	<2	<10	<1	--			--	11.26	0.00	17.97	--
	03/06/07	Decommissioned																	--
MW-69	11/07/05	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	--	--	--			--	9.10	0.00	18.57	--
27.67	02/23/06	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<1	3.54	--			--	9.02	0.00	18.65	--
	05/09/06	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<1	1.01	--			--	8.34	0.00	19.33	--
	08/30/06	<80	<255	<510	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	9.54	0.00	18.13	--
	03/06/07	Decommissioned																	--
MW-70	11/02/05	24,800	<236	<472	29.8	3.60	697	1,540	<1	--	--	--			--	12.60	0.00	18.54	--
31.14	02/23/06	8,290	<287	<575	33.3	2.00	428	537	<4	91.8	3.47	--			--	12.04	0.00	19.10	--
	05/09/06	15,500	<266	<532	108	<10	905	1,315.6	<20	233	2.18	--			--	12.37	0.00	18.77	--
	06/12/06	Decommissioned																	--
MW-71	11/03/05	18,100	5,880[g]	<472	240	59.3	925	1,750	<20	--	--	--			--	11.61	0.00	18.81	--
30.42	02/23/06	21,800	1,770[g]	<485	190	28.0	848	1,710	<20	341	3.25	--			--	11.23	0.00	19.19	--
	05/10/06	25,100	733[p]	<495	195	<20	803	1,338	<40	410	2.54	--			--	11.71	0.00	18.71	--
	08/29/06	15,400	664[p]	<476	207	4.61	698	834	<1	364	8.19	--			--	12.27	0.00	18.15	--
	12/12/06	11,300	609	<476	127	68.2	237	512	<1	151	1.55	--			--	11.25	0.00	19.17	--
	03/07/07	22,100	567	<490	211	<20	836	1220	<40	691	2.33	--			--	11.19	0.00	19.23	--
	06/14/07	19,200	851[g]	<490	186	2.67	647	667	<1	326	2.89	--			--	11.41	0.00	19.01	--
	09/14/07	7,230	901	<485	128	2.00	329	122	<1	200	1.49	--			--	11.60[w]	0.00	18.82	--
	12/17/07	16,500	823	<472	200	17.00	600	694	<1	--	4.76	--			--	10.81	0.00	19.61	--
	03/17/08	15,900	1070	<472	5710	124	2.70	454	259	<1	190	2.47			<1	8.74	0.00	21.68	--
	06/02/08	9,480	566	<472	94	24.5	291	328	<1	156	2.03	<1			4,280	11.82	0.00	18.60	--
	08/04/08	4,140	550	<472	31.7	1.06	103	62.3	<1	89.4	2.97	<1			1,860	12.45	0.00	17.97	--
	11/03/08	5,820	524	<485	49.2	1.03	69	10.4	<1.00	68.7	1.56	<1.00			2,450	11.90	0.00	18.52	--
	02/23/09	11,600	828	<481	136	2.3	358	213	--	193	2.25	<1.00			4,340	11.70	0.00	18.72	--
	05/17/09	13,400	1,380	<481	104	2.38	260	201	<1.00	151	2.21	<1.00			5,820	12.46	0.00	17.96	--
	08/16/09	2,300	660	<480	37	<0.50	56	14	<1.0	11	<5.0	<5.0			1,700	14.22	0.00	16.20	--
	11/15/09	2500	940[y]	<470	6.2	0.6	25	6.5	<1.0	6.2	1.3	<1			1100	11.65	0.00	18.77	--
	02/21/10	6,390	3,990	4,500	97.1	1.9	403	101	--	126	9.0	0.80			4,980	11.60	0.00	18.82	--
	05/23/10	2,550	3,860	4,440	39.7	3.8	84.0	12.7	--	56.4	134	.45			4,410	11.08	0.00	19.34	--
	08/15/10	5,130	912	729	99.1	<1.0	148	12.1	--	128	14.8	.87			2,710	11.69	0.00	18.73	--
	11/14/10	244	541	2,600	<1.0	1.8	<1.0	<3.0	--	3.3	14.5	<10.0			267	10.90	0.00	19.52	--
	02/27/11	Decomissioned																	--
MW-72	11/03/05	71.3	<236	<472	0.980	<0.5	<0.500	2.32	<2	--	--	--			--	10.33	0.00	19.99	--
30.32	02/23/06	1,900	408[g]	<500	11.0	1.22	98.2	25.3	<2	37.3	1.61	--			--	10.84	0.00	19.48	--
	05/10/06	1,540[t]	<250	<500	8.20	1.12	70.4	<6	<2	48.9	<1	--			--	11.60	0.00	18.72	--
	08/29/06	810	<253	<505	6.28	<0.5	10.2	<3	<1	48.4	<1	--			--	12.08	0.00	18.24	--
	12/12/06	970	<250	<500	3.29	<0.5	1.95	<3	<1	12.5	<1	--			--	11.11	0.00	19.21	--
	03/07/07	560	<260	<521	5.45	0.59	38.5	<3	<1	6.68	<1	--			--	11.02	0.00	19.30	--
	06/14/07	1,140	<255	<510	5.29	<0.5	2.72	<3	<1	10.0	1.97	--			--	11.43	0.00	18.89	--
	09/14/07	239	<250	<500	1.76	<0.5	<0.500	<3	<1	<5	<1	--			--	11.47	0.00	18.85	--
	12/17/07	489	<238	<476	1.8	<1	<1.00	<2	<1	--	1.13	--			--	10.67	0.00	19.65	--
	03/17/08	983	<236	<472	407	3.3	<0.5	4.34	<3	<1	<5	<1			<1	11.02	0.00	19.30	--
	06/02/08	1,160	<238	<476	2.89	<0.5	4.77	<3	<1	<5	<1	<1			474	11.65	0.00	18.67	--
	08/04/08	330	<236	<472	0.81	<0.5	<0.5	<3	<1	6.4	<1	<1			247	12.51	0.00	17.81	--
	11/03/08	577	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			278	11.80	0.00	18.52	--
	02/23/09	780	<243	<485	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00			3,130	11.80	0.00	18.52	--
	05/17/09	786	634	<476	3.55	<0.500	24.1	<3.00	<1.00	8.92	2.14	<1.00			962	12.38	0.00	17.94	--
	08/16/09	170	<240	<490	<0.50	<0.50	0.82	<2.0	<1.0	<5.0	<5.0	<5.0			<240	14.21	0.00	16.11	--
	11/15/09	110	430[r]	2,500	<0.50	0.77	<0.50	<2.0	<1.0	<5.0	33	<1			<240	11.71	0.00	18.61	--
	02/21/10	258	1,810	1,720	<1.0	1.7	<1.0	<3.0	--	2.3	5.1	<0.10			803	11.15	0.00	19.17	--
	05/23/10	329	6,100	2,250	2.3	<1.0	<1.0	<3.0	--	<1.0	10.6	<0.10			5,630	11.33	0.00	18.99	--
	08/15/10	330	641	3,460	1.4	<1.0	3.1	<3.0	--	<1.0	14.7	.12			236	11.63	0.00	18.69	--
	11/14/10	261	159	749	<1.0	<1.0	1.6	<3.0	--	<1.0	<10.0	<10.0			147	10.87	0.00	19.45	--
	02/27/11	Decomissioned																	--
MW-73	11/03/05	1,070[m]	249[g]	<472	23.1	1.74	3.58	4.74	<2	--	--	--			--	11.50	0.00	18.61	--
30.11	02/23/06	2,420	731[g]	<500	13.2	2.13	4.52	<3	<1	<1	2.27	--			--	11.32	0.00	18.79	--
	04/10/06	2,460[t]	<236	<472	9.56	2.19	4.51	2.44	<1	1.06	1.97	--			--	11.67	0.00	18.44	--
	08/29/06	1,130[t]	<236	<472	12.60	2.40	1.89	<3	<1	<5	1.76	--			--	12.27	0.00	17.84	--
	12/12/06	2,360	<243	<485	14.50	2.01	4.32	<3	<1	<5	3.01	--			--	11.35	0.00	18.76	--
	03/07/07	2,260	<236	<472	17.5	1.47	2.72	3.11	<1	<5	1.16	--			--	11.31	0.00	18.80	--
	06/14/07	2,450	<260	<521	11.6	1.56	2.63	<3	<1	<5	2.16	--			--	11.59	0.00	18.52	--
	09/14/07	1,380	<236	<472	12.1	1.88	0.650	<3	<1	<5	1.60	--			--	11.77	0.00	18.34	--
	12/17/07	2,390	<236	<472	18.0	1.40	3.300	1.40	<1	--	4.95	--			--	10.70	0.00	19.41	--
	03/17/08	2,670	<238	<476	707	10.1	1.35	2.16	<3	<1	<5	2.15			1.17	11.20	0.00	18.91	--
	06/02/08	2,260	<236	<472	15.8	0.76	1.14	<3	<1	<5	3.81	1.00			767	11.61	0.00	18.50	--
	08/04/08	1,250	<236	<472	10.3	1.15	<0.5	<3	<1	<5	11.50	<1			465	12.73	0.00	17.38	--
	11/03/08	1,790	<243	<485	21.3	1.38	<0.500	<3.00	<1.00	<5.00	6.74	<1.00			466	11.80	0.00	18.31	--
	02/23/09	2,800	<240	<481	25.6	2.05	1.59	<3.00	--	<5.00	4.82	2.00			7,510	11.56	0.00	18.55	--
	05/17/09	1,510	<243	<485	9.97	1.00	0.73	<3.00	<1.00	<5.00	5.34	<1.00			430	12.96	0.00	17.15	--
	08/16/09	1,200	430	<480	5.0	<0.50	<0.50	<2.0	<1.0	<5.0	<5.0	<5.0			1,100	14.65	0.00	15.46	--
	11/15/09	2,700	1,100[y]	<480	26	2	3.8	<2.0	<1.0	<5.0	6.4	3.9			1,500[r]	11.63	0.00	18.48	--
	02/21/10	2,190	946	624	39	2.4	3.3	6.9	--	2.4	7.8	--			1,110	11.27	0.00	18.84	--
	05/23/10	2260	1030	659	31.2	2.2	2.1	<3.0	--	<1.0	5.7	3.5			1670	6.63	0.00	23.48	--
	08/15/10	1960	173	<392	37.3	1.8	1.7	<3.0	--	3.3	6.9	2.0			671	11.59	0.00	18.52	--
	11/14/10	1,410	407	1670	26.0	3.4	<1.0	<3.0	--	<1.0	22.1	<10.0			733	10.65	0.00	19.46	--
	02/27/11	Decommissioned																	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15			500	--	--	--	--
MW-74	11/04/05	2,160[j]	<245	<490	14.2	1.53	13.0	3.35	<1	--	--	--			--	11.79	0.00	18.56	--
30.35	02/23/06	3,320	<245	<490	11.0	1.37	17.3	3.50	<1	27.9	5.42	--			--	11.35	0.00	19.00	--
	05/10/06	3,320[j]	<240	<481	13.8	2.29	17.3	4.04	<1	27.8	1.94	--			--	11.70	0.00	18.65	--
	08/29/06	618[j]	<253	<505	33.9	4.55	8.18	<3	<1	21.6	2.71	--			--	13.12	0.00	17.23	--
	03/06/07	Not Accessible - Stacy Witback construction														--	--	--	--
	06/14/07	Not Accessible														--	--	--	--
	09/12/07	Not Accessible														--	--	--	--
	12/17/07	Not Accessible, covered for street car														--	--	--	--
	03/17/08	Well paved over														--	--	--	--
	06/03/08	Abandoned well																	--
MW-75	11/08/05	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	--	--	--			--	10.12	0.00	17.99	--
28.11	02/24/06	<50	<253	<505	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	10.30	0.00	17.81	--
	05/11/06	<50	<240	<481	1.52	<0.5	<0.5	<3	<1	<1	<1	--			--	9.53	0.00	18.58	--
	06/12/06	Decommissioned																	--
MW-76	11/08/05	84.6	<245	<490	0.700	<0.5	<0.5	<3	<1	--	--	--			--	9.42	0.00	17.66	--
27.08	02/24/06	<50	394	752	<0.5	<0.5	<0.5	<3	<1	<1	4.30	--			--	9.57	0.00	17.51	--
	05/11/06	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	8.50	0.00	18.58	--
	08/30/06	<80	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	1.78	--			--	10.02	0.00	17.06	--
	03/06/07	--	--	--	--	--	--	--	--	--	--	--			--	9.43	0.00	17.65	--
	06/13/07	Not Accessible														--	--	--	--
	09/12/07	Not Accessible														--	--	--	--
	12/17/07	Not Accessible, well flooded during attempt to take sample														7.49	--	--	--
	03/18/08	<50	<236	<472	<236	<0.5	0.55	<0.5	<3	<1	<5	20.80			<1	7.46	0.00	19.62	--
	06/02/08	<50	<236	<472	<0.5	0.52	<0.5	<3	<1	<5	1.31	<1			<236	7.10	0.00	19.98	--
	08/05/08	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	4.82	<1			<240	7.60	0.00	19.48	--
		Well abandoned in October 2008.																	--
MW-77	11/04/05	<50	<236	<472	<0.5	<0.5	0.540	<3	<1	--	--	--			--	8.65	0.00	17.88	--
26.53	02/23/06	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	8.86	0.00	17.67	--
	05/11/06	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	1.08	<1	--			--	8.11	0.00	18.42	--
	06/12/06	Decommissioned																	--
MW-78	11/04/05	<50	<236	<472	0.590	0.760	0.730	<3	<1	--	--	--			--	8.30	0.00	18.15	--
26.45	02/23/06	<50	1,800[p]	<490	<0.5	0.660	<0.500	<3	<1	<1	<1	--			--	8.48	0.00	17.97	--
	05/11/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	7.91	0.00	18.54	--
	06/12/06	Decommissioned																	--
MW-79	11/04/05	<50	<236	<472	0.620	<0.5	0.67	1.41	<1	--	--	--			--	8.61	0.00	18.19	--
26.80	02/23/06	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	8.59	0.00	18.21	--
	05/11/06	<50	<248	<495	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	8.18	0.00	18.62	--
	06/12/06	Decommissioned																	--
MW-80	11/03/05	69.4	<243	<485	3.96	<0.5	10	7.88	<2	--	--	--			--	8.21	0.00	18.13	--
26.34	02/23/06	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	8.31	0.00	18.03	--
	05/09/06	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	7.42	0.00	18.92	--
	08/30/06	<80	<258	<515	--[u]	--[u]	--[u]	--[u]	--[u]	--[u]	<1	--			--	7.62	0.00	18.72	--
	12/13/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	8.57	0.00	17.77	--
	03/07/07	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	8.18	0.00	18.16	--
	06/14/07	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	6.15	--			--	5.43	0.00	20.91	--
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	1.60	--			--	6.52	0.00	19.82	--
	12/18/07	<50	<236	<472	<1	<1	<1	<3	<1	<1	2.70	--			--	8.62	0.00	17.72	--
	03/18/08	<50	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<5	1.15			<1	8.10	0.00	18.24	--
	06/02/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	1.64	<1			<236	7.35	0.00	18.99	--
	08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	1.81	<1			<236	7.97	0.00	18.37	--
	11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	3.66	<1.00			<236	8.51	0.00	17.83	--
	02/23/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	--	<5.00	2.52	<1.00			<236	7.93	0.00	18.41	--
	05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.83	<1.00			<240	8.03	0.00	18.31	--
	08/17/09	<50	<240	<490	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<5.0	<5.0			<240	7.94	0.00	18.40	--
	11/16/09	<50	<240	<480	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	2.4	<1			<240	7.57	0.00	18.77	--
	02/22/10	Well Destroyed																	--
MW-81	11/03/05	<50	<236	<472	<0.2	<0.5	0.840	2.05	<2	--	--	--			--	8.37	0.00	17.84	--
26.21	02/23/06	<50	<248	<495	<0.5	<0.5	<0.5	<3	<1	<1	1.30	--			--	8.41	0.00	17.80	--
	05/09/06	<50	<248	<495	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	7.28	0.00	18.93	--
	08/30/06	<80	<248	<495	--[u]	--[u]	--[u]	--[u]	--[u]	--[u]	<1	--			--	8.46	0.00	17.75	--
	12/13/06	<50	<258	<515	<0.5	<0.5	<0.500	<3	<1	<5	<1	--			--	8.90	0.00	17.31	--
	03/07/07	<50	<258	<515	<0.5	<0.5	<0.500	<3	<1	<5	<1	--			--	8.30	0.00	17.91	--
	06/14/07	<50	<240	<481	<0.5	<0.5	<0.500	<3	<1	<5	<1	--			--	7.46	0.00	18.75	--
	09/12/07	<50	<240	<481	1.08	<0.5	<0.500	<3	<1	<5	<1	--			--	8.06	0.00	18.15	--
	12/18/07	<50	<236	<472	<1	<1	<1.00	<3	<1	<5	1.82	--			--	8.79	0.00	17.42	--
	03/18/08	<50	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<5	1.82			<1	8.15	0.00	18.06	--
	06/02/08	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<238	7.31	0.00	18.90	--
	08/05/08	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	8.83	<1			<238	7.94	0.00	18.27	--
	11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	7.90	<1.00			<236	8.53	0.00	17.68	--
	02/23/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	2.32	<1.00			<240	8.40	0.00	17.81	--
	05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	3.27	<1.00			<240	7.62	0.00	18.59	--
	08/17/09	<50	<240	<470	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	7.90	<5.0			<240	20.00	0.00	6.21	--
	11/16/09	<50	<240	<470	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	5.3	<1			<240	8.55	0.00	17.66	--
	02/21/10	<50.0	126	<383	<1.0	<1.0	<1.0	<3.0	--	<1.0	4.0	<0.10			<76.6	8.67	0.00	17.54	--
	05/23/10	Well Destroyed																	--
MW-82	11/03/05	16,300	1,850[g]	<472	308	427	696	3,370	<40	--	--	--			--	4.92	0.00	18.78	--
23.70	02/21/06	15,400	<258[q]	<515	483	256	477	2,110	<1	78.7	3.90	--			--	5.12	0.00	18.58	--
	05/11/06	6,890	554[p]	<476	221	120	177	1,043	<10	31.0	<1	--			--	4.88	0.00	18.82	--
	08/29/06	Not accessible - blocked by field office trailer														--	--	--	--
	12/11/06	5,590	<240	<481	244	50.7	184	815	<1	27.4	1.28	--			--	5.53	0.00	18.17	--
	03/08/07	8,910	<250	<500	425	193	328	1,450	<20	<100	1.39	--			--	4.99	0.00	18.71	--
	06/13/07	12,100	<243	<485	630	179	375	1,800	<1	154	1.27	--			--	4.93	0.00	18.77	--
	09/12/07	10,200	<240	<481	627	30.8	354	1,610	<1	29	<1	--			--	5.25	0.00	18.45	--
	12/19/07	6,030	<236	<472	360	51	230	840	<1	42	2.65	--			--	4.36	0.00	19.34	--
	03/18/08	8,570	<236	<472	1,940	407	22.5	250	751	<1	27.9	<1			<1	4.98	0.00	18.72	--
	06/03/08	7,640	<236	<472	570	8.71	316	1,190	<1	36.0	1.69	<1			1,950	5.00	0.00	18.70	--
	08/06/08	12,000	<236	<472	326	18	254	1,890	<1	79.8	1.28	<1			868	5.47	0.00	18.23	--
	11/040/8	20,900	<238	<476	1,050	177	549	3,760	<1.00	75.2	<1.00	<1.00			3,370	4.75	0.00	18.95	--
	11/18/08	Decommissioned																	--
MW-83	11/03/05	2,270	<236[j]	<472[j]	67.9	202	50.6	230	<4	--	--	--			--	4.71	0.00	18.92	--
23.63	02/24/06	4,370	<250	<500	198	367	93.9	393	<4	23.8	3.59	--			--	4.84	0.00	18.79	--
	05/11/06	2,820	550[p]	<500	163	172	66.6	259.9	<4	14.3	4.96	--			--	5.02	0.00	18.61	--
	08/31/06	386	<236	<472	8.90	4.97	6.30	24.7	<1	<5	1.11	--			--	5.88	0.00	17.75	--
	03/06/07	Not accessable- covered by sheet piles														--	--	--	--
	06/13/07	Not accessible														--	--	--	--
	09/12/07	Not accessible														--	--	--	--
	12/19/07	1,030	358	593	<1	<1	1.6	1.2	<1	<1	1.73	--			--	6.34	0.00	17.29	--
	03/17/08	Buried with construction material														--			--
	06/03/08	Well under construction debris														--	--	--	--
	08/06/08	Well under construction debris.																	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15			500	--	--	--	--
MW-84	11/02/05	95.5	<236	<472	10.2	<0.5	<0.500	<3	<1	--	--	--			--	9.85	0.00	18.66	--
28.51	02/22/06	189	<266	<532	53.4	0.550	<0.500	<3	<1	<1	<1	--			--	9.63	0.00	18.88	--
	05/09/06	143	<250	<500	29.7	0.810	<0.500	<3	<1	<1	<1	--			--	9.58	0.00	18.93	--
	06/12/06	Decommissioned																	--
MW-85	11/02/05	108	<236	<472	3.25	0.740	2.19	5.68	<1	--	--	--			--	9.80	0.00	18.49	--
28.29	02/22/06	69.8	<248	<495	5.47	0.770	0.850	<3	<1	<1	<1	--			--	9.29	0.00	19.00	--
	05/09/06	69.5	<245	<490	4.56	0.720	0.800	<3	<1	<1	<1	--			--	9.20	0.00	19.09	--
	08/29/06	<80	<248	<495	--[u]	--[u]	--[u]	--[u]	--[u]	--[u]	<1	--			--	10.57	0.00	17.72	--
	09/20/06	Decommissioned during construction activities																	--
MW-86	11/02/05	3,010	<248	<495	508	5.09	5.26	31.5	<1	--	--	--			--	9.28	0.00	18.27	--
27.55	02/21/06	7,880	<269[q]	<538	2,640	5.65	10.2	31.9	<5	<5	<1	--			--	9.29	0.00	18.26	--
	05/09/06	7,980	<240	<481	2,740	<25	64.0	104	<50	287	<1	--			--	8.85	0.00	18.70	--
	08/29/06	2,690[l]	<253	<505	1,640	6.58	9.78	29.2	2.62	<5	1.32	--			--	10.12	0.00	17.43	--
	12/11/06	4,700	<250	<500	1,410	5.79	7.66	28.2	3.21	<5	1.43	--			--	9.61	0.00	17.94	--
	03/07/07	7,370	<243	<485	2,530	<10	10.8	<60	<20	<100	<1	--			--	9.23	0.00	18.32	--
	06/13/07	7,300	<243	<485	2,430	7.40	11.9	26.9	<5	<25	<1	--			--	9.01	0.00	18.54	--
	09/12/07	5,410	<240	<481	1,860	5.55	8.31	25.0	1.56	<5	<1	--			--	9.11	0.00	18.44	--
	12/18/07	4,540	<238	<476	1,400	5.60	9.90	29.7	<1	1.40	1.32	--			--	6.52	0.00	21.03	--
	03/18/08	6,290	<236	<472	457	1,950	7.10	9.36	27.9	<1	<5	<1			<1	8.95	0.00	18.60	--
	06/03/08	5,340	<236	<472	1,380	7.19	12.60	28.40	<1	<5	<1	<1			533	8.60	0.00	18.95	--
	08/05/08	4,090	<236	<472	612	7.18	7.23	30.70	<1	<5	<1	<1			356	9.25	0.00	18.30	--
	11/04/08	2,430	<245	<490	232	<5.00	4.90	25.60	<1.00	<5.00	<1.00	<1.00			545	9.28	0.00	18.27	--
	02/24/09	4,750	<240	<481	1,300	6.48	7.67	29.70	--	<5.00	<1.00	<1.00			4,760	8.90	0.00	18.65	--
	05/17/09	10,300	<243	<485	3,380	22.40	87.70	95.00	<1.00	<5.00	<1.00	<1.00			767	11.02	0.00	16.53	--
	08/17/09	1,800	440	<480	1500	23	45	71	<1.0	<5.0	<5.0	<5.0			2,100	12.62	0.00	14.93	--
	11/16/09	2,700	1,000[y]	<480	2,100[H]	42	76	200	<1.0	<5.0	<1	<1			1,600[y]	9.41	0.00	18.14	--
	02/22/10	1,550	1,940	1,640	906	10.5	41.2	90.5	--	4	0.48	<0.10			1,190	9.18	0.00	18.37	--
	05/24/10	1,440	1,970	1,710	719	7.4	23.3	66.1	--	1.8	.51	<0.10			1,960	8.32	0.00	19.23	--
	08/16/10	1,270	87.6	<388	331	6.0	10.6	48.6	--	1.9	.63	.25			533	9.15	0.00	18.40	--
	11/15/10	1,460	<77.7	<388	263	6.8	6.7	46.3	--	2.2	<10.0	<10.0			540	8.92	0.00	18.63	--
	02/27/11	Decommissioned																	--
MW-87	11/02/05	<50	<245	<490	2.35	1.28	1.33	6.61	<1	--	--	--			--	8.40	0.00	18.34	--
26.74	02/21/06	<50	<263[q]	<526	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	8.55	0.00	18.19	--
	05/09/06	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1.0	<1	<1	--			--	7.98	0.00	18.76	--
	08/29/06	<80	<248	<495	<0.5	<0.5	<0.5	<3	<1.0	<5	<1	--			--	9.33	0.00	17.41	--
	12/11/06	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1.0	<5	<1	--			--	8.96	0.00	17.78	--
	03/07/07	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1.0	<5	<1	--			--	8.44	0.00	18.30	--
	06/13/07	162	<243	<485	<0.5	<0.5	<0.5	<3	<1.0	<5	<1	--			--	8.17	0.00	18.57	--
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1.0	<5	<1	--			--	8.27	0.00	18.47	--
	12/18/07	<50	<240	<481	<1	<1	<1	<3	<1.0	<1	2.95	--			--	7.50	0.00	19.24	--
	03/18/08	<50	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<5	<1			<1	8.09	0.00	18.65	--
	06/03/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<236	7.80	0.00	18.94	--
	08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<236	8.44	0.00	18.30	--
	11/04/08	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.46	<1.00			<243	8.75	0.00	17.99	--
	02/24/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	--	<5.00	1.27	<1.00			<236	7.70	0.00	19.04	--
	05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<240	10.92	0.00	15.82	--
	08/17/09	<50	<240	<480	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<5.0	<5.0			<240	11.10	0.00	15.64	--
	11/16/09	<50	<240	<490	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	1.3	<1			<240	8.74	0.00	18.00	--
	02/22/10	<50.0	643	860	<1.0	<1.0	<1.0	<3.0	--	<1.0	3.3	<0.10			<76.6	8.40	0.00	18.34	--
	05/24/10	<50.0	543	675	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.86	<0.10			263	7.50	0.00	19.24	--
	08/16/10	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.4	<0.10			<78.4	8.35	0.00	18.39	--
	11/15/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<77.7	8.00	0.00	18.74	--
	02/27/11	Decomissioned																	--
MW-88	11/07/05	14,700	<240	<481	546	<50	2,230	1,400	<100	--	--	--			--	8.75	0.00	18.53	--
27.28	02/21/06	LPH Present														8.75	Sheen	18.53	--
	05/10/06	20,500	418[p]	<476	768	<50	2,590	1,121	<100	734	1.97	--			--	8.38	0.00	18.90	--
	08/29/06	LPH Present														9.77	0.10	17.51	--
	12/13/06	16,600	316	<485	208	<10	1,170	1,620	<20	255	2.2	--			--	9.30	0.00	17.98	--
	03/06/07	Decommissioned																	--
MW-89	11/03/05	1,110	<236	<472	10.3	8.20	82.5	170	<2	--	--	--			--	3.92	0.00	19.10	--
23.02	02/24/06	49,900	1,180[g]	<515	188	916	2,050	7,950	<20	860	23.4	--			--	4.36	0.00	18.66	--
	05/11/06	24,300	3,040[p]	<495	96.0	352	1,200	3,452	<40	365	37.4	--			--	4.37	0.00	18.65	--
	08/31/06	463	<245	<490	6.85	15.4	40.9	82.2	<1	59.8	12.2	--			--	5.41	0.00	17.61	--
	12/11/06	1,100	<248	<495	3.21	14.6	38.1	87.9	<1	50.8	6.6	--			--	4.83	0.00	18.19	--
	03/08/07	2,640	<250	<500	13.4	14.8	206	396	<10	122	290	--			--	4.10	0.00	18.92	--
	06/13/07	2,450	<236	<472	21.6	72.2	148	816	<1	596	12.5	--			--	4.41	0.00	18.61	--
	09/13/07	102	<238	<476	<0.5	7.65	5.87	<3	<1	63.2	35.5	--			--	4.57	0.00	18.45	--
	12/19/07	210	<236	<472	1.4	<1	<1	3.3	<1	4.7	145.0	--			--	3.19	0.00	19.83	--
	03/18/08	522	<236	<472	260	0.89	1.66	13.90	7.62	<1	57.0	875.0			<1	3.93	0.00	19.09	--
	06/03/08	818	<236	<472	4.84	0.64	16.50	23.50	<1	97.8	38.5	<1			357	4.40	0.00	18.62	--
	08/06/08	601	<236	<472	1.79	1.22	15.70	24.50	<1	70.4	10.9	<1			276	4.96	0.00	18.06	--
	11/04/08	4,590	<236	<472	2.27	1.55	150.00	214.00	<1.00	61.2	16.4	<1.00			1,610	4.49	0.00	18.53	--
	11/18/08	Decommissioned																	--
MW-90	11/02/05	3,840[m]	444[g]	<490	70.8	2.94	244	792	<4	--	--	--			--	4.22	0.00	18.68	--
22.90	02/21/06	19,800	504[g]	<538	218	10.0	805	2,400	<20	187	5.59	--			--	4.33	0.00	18.57	--
	05/11/06	10,200	1,170[p]	<495	125	6.90	348	1,222	<10	91.3	2.87	--			--	4.07	0.00	18.83	--
	08/29/06	Not accessible - blocked by heavy equipment														--	--	--	--
	03/06/07	Not accessible - blocked by heavy equipment														--	--	--	--
	06/13/07	9,180	<248	<495	118	1.90	194	1,290	<1	166	2.14	--			--	4.14	0.00	18.76	--
	09/12/07	3,870	<240	<481	46.3	1.15	64.0	645	<1	58.0	4.64	--			--	4.36	0.00	18.54	--
	12/17/07	Well compromised, unable to sample														3.43	0.00	19.47	--
	03/18/08	1,060	<236	<472	367	11.4	<0.5	3.11	17.3	<1	14.3	8.29			<1	3.90	0.00	19.00	--
	06/03/08	536	<236	<472	8.06	<0.5	1.41	8.92	<1	5.27	3.23	<1			<236	4.10	0.00	18.80	--
	08/06/08	422	<236	<472	7.2	<0.5	0.91	5.63	<1	15.1	17.6	<1			<236	4.60	0.00	18.30	--
	11/03/08	1,460	<391	<781	9.49	<0.500	6.75	8.45	<1.00	15.9	2.86	<1.00			<391	4.25	0.00	18.65	--
	11/18/08	Decommissioned																	--
MW-91	11/03/05	9,390	2,230[g]	<472	56.2	6.45	319	414	<10	--	--	--			--	4.13	0.00	19.00	--
23.13	02/24/06	6,080	487[g]	<515	21.0	2.67	177	430	<1	188	2.39	--			--	4.51	0.00	18.62	--
	05/11/06	5,900	931[p]	<485	14.9	14.5	106	162.7	<4	171	1.49	--			--	4.33	0.00	18.80	--
	08/29/06	Not accessible - blocked by heavy equipment														--	--	--	--
	03/06/07	Not accessible - blocked by heavy equipment														--	--	--	--
	06/13/07	1,180	<236	<472	<0.5	0.770	0.580	<3	<1	91.6	1.80	--			--	4.36	0.00	18.77	--
	09/12/07	160	<240	<481	<0.5	<0.5	<0.500	<3	<1	13.2	1.05	--			--	4.60	0.00	18.53	--
	12/19/07	316	<236	<472	<1	<1	<1	<3	<1	4.2	4.13	--			--	3.48	0.00	19.65	--
	03/18/08	646	<236	<472	253	0.98	<0.5	5.16	<3	<1	12.0	3.32			<1	4.00	0.00	19.13	--
	06/03/08	359	<236	<472	2.42	<0.5	<0.5	<3	<1	<5	3.00	<1			<236	4.33	0.00	18.80	--
	08/06/08	163	<236	<472	<0.5	<0.5	<0.5	<3	<1	21.9	3.04	<1			<236	4.85	0.00	18.28	--
	11/03/08	252	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	101.00	<1.00			<236	4.39	0.00	18.74	--
	11/18/08	Decommissioned																	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15			500	--	--	--	--
MW-92	11/02/05	12,300	338[g]	<472	925	83.4	756	940	<20	--	--	--			--	10.28	0.00	18.70	--
28.98	02/22/06	4,360	<248	<495	261	8.60	111	127	<5	36.0	3.58	--			--	10.13	0.00	18.85	--
	05/10/06	5,580	<240	<481	458	11.2	122	97.6	<20	38.4	2.69	--			--	10.22	0.00	18.76	--
	08/31/06	3,770	<243	<485	770	25.0	197	103	<1	55.1	3.36	--			--	11.34	0.00	17.64	--
	12/13/06	1,190	<238	<476	23.2	0.730	23.6	14.7	<1	5.05	<1	--			--	10.12	0.00	18.86	--
	03/08/07	525	<250	<500	7.68	<0.5	8.90	4.70	<1	<5	<1	--			--	9.86	0.00	19.12	--
	06/13/07	662	<238	<476	30.2	<0.5	8.98	<3	<1	<5	<1	--			--	10.20	0.00	18.78	--
	09/13/07	1,150	<238	<476	39.9	1.19	35.1	<3	<1	5.18	<1	--			--	10.30	0.00	18.68	--
	12/18/07	1,410	<238	<476	79.0	1.20	14.0	3.10	<1	4.30	3.64	--			--	9.26	0.00	19.72	--
	03/17/08	1,490	<236	<472	355	51.6	1.14	22.6	5.67	<1	<5	2.41			<1	10.02	0.00	18.96	--
	06/03/08	682	<236	<472	4.71	<0.5	5.6	<3	<1	<5	1.48	<1			244	10.21	0.00	18.77	--
	08/05/08	546	<238	<476	5.77	0.54	2.48	<3	<1	<5	7.64	<1			<238	10.75	0.00	18.23	--
	11/03/08	1,030	<238	<476	56.50	4.87	6.400	6.06	<1.00	6.8	2.59	<1.00			375	10.47	0.00	18.51	--
	11/18/08	Decommissioned																	--
MW-93	11/02/05	79.3	<248	<495	0.370	0.570	0.720	2.35	<2	--	--	--			--	7.06	0.00	18.68	--
25.74	02/21/06	1,200	3,580[p]	<526	2.38	0.780	3.25	3.18	<1	1.71	1.16	--			--	7.25	0.00	18.49	--
	05/10/06	1,200[j]	1,540	<472	<0.5	0.790	2.04	1.70	<1	2.04	<1	--			--	6.90	0.00	18.84	--
	08/31/06	204	<243	<485	<0.5	0.610	1.55	<3	<1	<5	2.98	--			--	8.15	0.00	17.59	--
	12/13/06	1,120	<253	<505	<0.5	0.670	2.54	3.18	<1	<5	1.25	--			--	7.54	0.00	18.20	--
	03/07/07	1,010	3,490	<500	11.60	0.760	2.91	3.59	<1	<5	<1	--			--	6.99	0.00	18.75	--
	06/13/07	1,330	822[g, p]	1,250	<0.5	0.680	1.77	3.01	<1	5.40	1.66	--			--	6.94	0.00	18.80	--
	09/13/07	303	267	616	<0.5	<0.5	1.37	<3	<1	5.43	1.05	--			--	7.26	0.00	18.48	--
	12/17/07	Unable to locate on site map														--	--	--	--
	03/17/08	1,200	541	1,660	464	<0.5	<0.5	0.96	<3	<1	<5	<1			<1	6.79	0.00	18.95	--
	06/03/08	1,320	429	<472	6.56	<0.5	3.62	1.44	<1	<5	<1	<1			613	6.63	0.00	19.11	--
	08/06/08	847	1,140	1,270	<0.5	0.51	1.44	<3	<1	<5	2.69	<1			946	7.50	0.00	18.24	--
	11/03/08	1,110	564	842	<0.500	<0.500	1.43	<3.00	<1.00	<5.00	2.95	<1.00			535	5.87	0.00	19.87	--
	11/18/08	Decommissioned																	--
MW-94	11/02/05	393	277[g]	<472	1.74	0.750	30.2	4.62	<2	--	--	--			--	3.21	0.00	18.69	--
21.90	02/24/06	172	<248	<495	<0.5	<0.5	<0.5	<3	<1	<1	4.81	--			--	3.38	0.00	18.52	--
	05/11/06	236	360	<500	<0.5	<0.5	<0.5	<3	<1	1.60	10.4	--			--	3.10	0.00	18.80	--
	08/31/06	<100	<250	<500	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	4.30	0.00	17.60	--
	12/13/06	159	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	4.24	--			--	3.76	0.00	18.14	--
	03/07/07	1,720	<248	<495	1.88	<0.5	33.6	<3	<1	93.8	<1	--			--	3.16	0.00	18.74	--
	06/13/07	2,340	<250	<500	<0.5	<0.5	0.710	<3	<1	96.7	2.13	--			--	3.21	0.00	18.69	--
	09/12/07	521	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	3.48	0.00	18.42	--
	12/19/07	285	<236	<472	1,010	<1.00	<1	<1.00	<3	<1	<1	12.90			--	2.54	0.00	19.36	--
	03/17/08	2,490	255	<472	1,010	1.33	<0.5	31.5	<3	<1	46.6	2.65			<1	2.89		19.01	--
	06/02/08	Gauged but not sampled														5.15	0.00	16.75	--
	08/06/08	637	<236	<472	0.58	<0.5	0.80	<3	<1	<5	3.80	<1			294	3.68	0.00	18.22	--
	11/03/08	Well under water, unable to sample.														3.23	0.00	18.67	--
	11/18/08	Decommissioned																	--
MW-95	11/02/05	545	<236	<472	1.06	0.910	1.18	9.87	<1	--	--	--			--	13.50	0.00	18.49	--
31.99	02/23/06	278	240[g]	<481	9.67	5.57	7.88	19.20	<1	3.31	<1	<1			--	13.00	0.00	18.99	--
	05/09/06	326	<255	<510	2.91	0.730	1.40	15.78	<1	5.56	<1	<1			--	13.35	0.00	18.64	--
	08/30/06	94.3	<248	<495	--[u]	--[u]	--[u]	--[u]	--[u]	--[u]	<1	<1			--	13.82	0.00	18.17	--
	12/12/06	1,330	<243	<485	52.9	14.5	32.9	119	<1	10.6	<1	<1			--	12.98	0.00	19.01	--
	03/07/07	60.2	<250	<500	3.87	<0.5	1.31	10.5	<1	<5	<1	<1			--	12.87	0.00	19.12	--
	06/14/07	215	<236	<472	4.12	<0.5	1.60	41.7	<1	<5	<1	<1			--	13.10	0.00	18.89	--
	09/13/07	<50.0	<238	<476	<0.5	<0.5	<0.500	<3	<1	<5	<1	<1			--	13.18	0.00	18.81	--
	12/18/07	<50	<238	<476	<1	<1	<1	<3	<1	<1	<1	<1			--	12.45	0.00	19.54	--
	03/17/08	<50	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<5	<1			<1	12.69	0.00	19.30	--
	06/03/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<236	8.78	0.00	23.21	--
	08/04/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<236	14.02	0.00	17.97	--
	11/04/08	<50.0	<248	<495	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<248	13.75	0.00	18.24	--
	02/24/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00			<240	13.50	0.00	18.49	--
	05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<240	14.01	0.00	17.98	--
	08/16/09	<50	<240	<480	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<5.0	<5.0			<240	15.67	0.00	16.32	--
	11/15/09	110	<240	<480	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<1	<1			<240	13.62	0.00	18.37	--
	02/21/10	<50.0	202	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.58	<0.10			<77.7	13.01	0.00	18.98	--
	05/23/10	<50.0	80.0	<392	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.47	<0.10			83.2	13.18	0.00	18.81	--
	08/16/10	56.5	<78.4	<392	<1.0	<1.0	<1.0	4.5	--	<1.0	0.28	<0.10			<78.4	13.45	0.00	18.54	--
	11/15/10	85.7	<77.7	<388	<1.0	<1.0	<1.0	23.7	--	<1.0	<10.0	<10.0			97.0	12.85	0.00	19.14	--
	02/27/11	Decomissioned																	--
MW-96	11/02/05	3,230	501[g]	<472	172	75.1	65.0	714	<4	--	--	--			--	6.28	0.00	18.70	--
24.98	02/21/06	LPH Present														6.43	0.02	18.57	--
	05/11/06	6,190	5,570	<971	392	136	152	1,057	<10	90.8	1.20	1.20			--	6.20	0.01	18.78	--
	08/29/06	LPH Present														7.48	0.23	17.04	--
	12/11/06	LPH Present														6.76	0.30	18.22	--
	03/06/07	Not accessible - construction materials														--	--	--	--
	06/13/07	Not accessible														--	--	--	--
	09/12/07	Not accessible														--	--	--	--
	12/17/07	Not accessible														--	--	--	--
	03/17/08	Buried with construction material														--	--	--	--
	06/03/08	Well under construction debris														--	--	--	--
	08/06/08	Well under construction debris.														--	--	--	--
	11/04/08	Well under construction debris.														--	--	--	--
	11/18/08	Decommissioned																	--
MW-97	11/02/05	17,600	441[g]	<490	121	38.2	1,010	1,860	<1	--	--	--			--	11.70	0.00	18.65	--
30.35	02/22/06	39,900	811[g]	<500	350	32.8	1,840	3,730	<40	735	21.6	--			--	11.17	0.00	19.18	--
	05/09/06	30,300[j]	686	<498	264	65.5	1,740	2,660	<50	768	12.0	--			--	11.60	0.00	18.75	--
	08/30/06	6,580	456[g]	<485	82.4	6.40	749	401	<1	516	7.48	--			--	12.17	0.00	18.18	--
	09/25/06	Decommissioned during construction activities																	--
MW-98	11/02/05	25,800	<250	<500	1,880	4,080	680	3,760	<1	--	--	--			--	11.85	0.00	18.62	--
30.47	02/22/06	173,000	360[g]	<556	14,000	30,500	4,090	22,200	<400	888	49.9	--			--	11.24	0.00	19.23	--
	05/09/06	186,000	651[p]	<472	12,700	29,000	4,800	22,560	<1,000	11,800	50.0	--			--	11.44	0.00	19.03	--
	06/12/06	Decommissioned																	--
MW-99	11/02/05	910	<243	<485	1.84	0.850	11.1	73.8	<1	--	--	--			--	10.57	0.00	18.77	--
29.34	02/22/06	4,910	<240	<481	28.4	<2.5	203	811	<5	80.8	14.0	--			--	10.23	0.00	19.11	--
	05/09/06	3,370	<248	<495	14.0	<5	82.5	521.3	<10	59.7	6.57	--			--	10.43	0.00	18.91	--
	06/12/06	Decommissioned																	--
MW-101	07/25/05	6,960	432[b]	<500	39.1	61.4	88.0	429	<5	19.7	--	--			--	9.45	0.00	18.65	--
28.10	11/04/05	2,960	<236	<472	53.8	44.8	72.1	464	<5	--	--	--			--	9.65	0.00	18.45	--
	02/23/06	4,890	<250	<500	99.4	16.9	150	768	<4	27.5	<1	--			--	9.57	0.00	18.53	--
	05/09/06	1,120	<238	<476	14.2	1.62	27.1	136.7	<2	6.06	<1	--			--	9.13	0.00	18.97	--
	06/13/06	Decommissioned																	--
MW-102	07/25/05	Well could not be located														--	--	--	--
23.86	11/03/05	10,200	1,730[g]	<472	471	12.0	492	1,490	<20	--	--	--			--	5.10	0.00	18.76	--
	02/24/06	11,400	294[g]	<532	471	3.96	473	1,160	<4	90.4	4.54	--			--	5.29	0.00	18.57	--
	05/11/06	2,810[j]	370[p]	<490	97.6	<2	35.8	177.6	<4	22.9	1.71	--			--	5.01	0.00	18.85	--
	08/31/06	2,430	<236	<472	212	<2.5	101	208	<5	29.5	2.71	--			--	6.29	0.00	17.57	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15			500	--	--	--	--
	12/11/06	13,600	243	<485	608	30.6	609	1,190	<1	118	6.08	--			--	5.70	0.00	18.16	--
	03/08/07	10,000	257	<500	366	25.8	448	1,240	<20	183	3.58	--			--	5.16	0.00	18.70	--
	06/13/07	8,080	275[g]	<476	320	2.26	182	894	<1	139	4.54	--			--	5.12	0.00	18.74	--
	09/12/07	8,800	246	<481	428	2.38	426	792	<1	90.2	30.8	--			--	5.41	0.00	18.45	--
MW-102	12/19/07	13,500	289	<472	400	160	570	1,320	<1	140	14.9	--			--	4.56	0.00	19.30	--
contd.	03/18/08	9,840	347	<472	2770	291	1.5	371	746	<1	99.4	24.2			1.75	4.92	0.00	18.94	--
	06/03/08	660	359	<472	208	<0.5	78.5	239	<1	85.9	29.00	<1			2,170	5.15	0.00	18.71	--
	08/06/08	3,310	276	<472	138	0.79	43.2	69	<1	54.2	54.10	1.14			1,240	5.63	0.00	18.23	--
	11/04/08	8,720	497	<472	232	1.23	366	248.0	<1.00	108	19.20	1.36			2,920	4.30	0.00	19.56	--
	11/18/08	Decommissioned																	--
MW-103	07/26/05	<50	<250	<500	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--			--	8.61	0.00	--	--
27.22	11/07/05	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	--	--	--			--	8.82	0.00	18.40	--
	02/24/06	<50	<250	<500	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	8.66	0.00	18.56	--
	05/09/06	<50	<248	<495	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	7.84	0.00	19.38	--
	08/30/06	<80	<248	<495	--[u]	--[u]	--[u]	--[u]	--[u]	--[u]	<1	--			--	6.01	0.00	21.21	--
	12/13/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	9.00	0.00	18.22	--
	03/06/07	Decommissioned																	--
MW-105	07/26/05	62,000	821[b]	<500	1,970	7,460	2,640	12,750	<1	723	--	--			--	10.88	0.00	--	--
29.61	11/02/05	66,100	495[g]	<538	1,370	6,430	2,360	12,300	<1	--	--	--			--	10.94	0.00	18.67	--
	02/22/06	50,000	332[g]	<495	1,200	2,810	1,990	8,540	<50[q,r]	498	5.13	--			--	10.59	0.00	19.02	--
	05/09/06	62,300	867[p]	<472	1,200	5,070	2,210	10,550	<100	440	9.54	--			--	10.69	0.00	18.92	--
	06/12/06	Decommissioned																	--
MW-200	11/07/05	533	<250	<500	4.39	1.21	8.65	22.1	5.03	--	--	--			--	11.22	0.00	18.47	--
29.69	02/22/06	2,560	270[g]	<490	38.4	2.38	57.3	70.9	1.84	60.7	1.60	--			--	11.15	0.00	18.54	--
	05/10/06	1,440[j]	<245	<490	25.1	0.620	35.5	12.82	1.57	45.2	<1	--			--	11.29	0.00	18.40	--
	08/29/06	471[j]	<236	<472	7.10	2.00	31.3	28.2	1.11	53.0	<1	--			--	11.95	0.00	17.74	--
	12/12/06	1,630	<245	<490	7.12	1.30	20.0	27.9	1.90	25.0	1.05	--			--	11.29	0.00	18.40	--
	03/06/07	<50	<260	<521	<5	<5	<5.00	<3	1.12	<5	1.73	--			--	11.05	0.00	18.64	--
	06/14/07	262	<243	<485	3.63	<0.5	1.61	<3	<1	<5	1.87	--			--	11.08	0.00	18.61	--
	09/14/07	<50	<245	<490	<0.5	<0.5	<0.500	<3	<1	<5	<1	--			--	11.25	0.00	18.44	--
	12/17/07	327	<240	<481	1.5	<1	18.00	10	<1	--	9.24	--			--	9.60	0.00	20.09	--
	03/17/08	Well compromised- buried by machinery														--	--	--	--
	06/01/08	2,390	270	<481	27.5	1.07	55.20	16.6	<1	92.8	2.46	<1			1,220	8.13	0.00	21.56	--
	08/10/08	1,140	<238	<476	10.4	0.85	21.20	6.7	<1	45.3	7.41	<1			616	12.10	0.00	17.59	--
	11/02/08	North lane of Mercer flooded. Unable to sample.														--	--	--	--
	02/22/09	4,570	5,550	<481	17.1	2.12	58.0	45.4	--	134	1.82	<1.00			1,820	11.45	0.00	8.25	--
	05/17/09	7,160	396	<476	71.4	3.72	224.0	363	<1.00	273	10.4	<1.00			1,820	9.85	0.00	19.84	--
	08/16/09	1,800	330	<480	<0.50	<0.50	12	11	<1.0	22	5.8	<5.0			810	14.22	0.00	15.47	--
	11/15/09	2,300	890[r]	<490	8.3	<0.50	30	17	<1.0	59	8	<1			1,000[r]	11.35	0.00	18.34	--
	02/21/10	8,170	3,160	1,300	116	2	445	151	--	510	4.2	0.59			5,000	11.02	0.00	18.67	--
	05/23/10	North lane of Mercer flooded. Unable to sample.														--	--	--	--
	08/15/10	4,290	608	<388	89.7	1.0	191	1.0	--	388	6.2	0.70			1,820	11.36	0.00	18.33	--
	11/15/10	North lane of Mercer flooded. Unable to sample.														--	--	--	--
	02/27/11	Decomissioned																	--
MW-201	11/07/05	56.8	974[f]	4,180	<0.5	<0.5	0.990	9.49	<1	--	--	--			--	9.81	0.00	19.51	--
29.32	02/22/06	199	464[h]	1,460	27.6	14.2	<0.500	<3	<1	<1	9.78	--			--	10.76	0.00	18.56	--
	05/10/06	221	<250	<500	27.1	14.6	<0.500	<3	<1	<1	3.01	--			--	11.12	0.00	18.20	--
	08/29/06	114	<248	<495	19.1	10.6	<0.500	<3	<1	<5	2.16	--			--	11.64	0.00	17.68	--
	12/12/06	223	<245	<490	16.3	1.79	<0.500	<3	<1	<5	3.88	--			--	11.65	0.00	17.67	--
	03/06/07	174	<260	<521	25.6	1.46	<5.00	<3	<1	<5	2.54	--			--	11.65	0.00	17.67	--
	06/14/07	206	<245	<490	20.4	0.870	<0.500	<3	<1	<5	<1	--			--	10.89	0.00	18.43	--
	09/14/07	125	<245	<490	21.4	0.750	<0.500	<3	<1	<5	1.87	--			--	11.16	0.00	18.16	--
	12/17/07	Unable to sample- well under water														--	--	--	--
	03/18/08	281	<236	<472	<236	11	0.58	<0.5	<3	<1	<5	6.72			1.28	10.63	0.00	18.69	--
	06/01/08	196	<238	<476	18.3	7.40	<0.5	<3	<1	<5	19.80	2.29			<238	10.90	0.00	18.42	--
	08/10/08	125	<243	<485	17.7	1.14	<0.5	<3	<1	<5	13.30	3.73			<243	11.90	0.00	17.42	--
	11/02/08	North lane of Mercer flooded. Unable to sample.														--	--	--	--
	02/22/09	157	<238	6,530	11.5	<0.500	<0.500	<3.00	--	<5.00	8.43	<1.00			<238	10.90	0.00	4.20	--
	05/17/09	173	<248	<495	12.4	<0.500	<0.500	<3.00	<1.00	<5.00	11.8	1.28			<248	12.10	0.00	17.22	--
	08/16/09	230	570	3,300	2.7	<0.50	<0.50	<2.0	<1.0	<5.0	95	<5.0			<240	13.87	0.00	15.45	--
	11/15/09	73	<240	<480	12[H]	<0.50[H]	<0.50[H]	<2.0[H]	<1.0[H]	<5.0[H]	14	2.30			<240	10.88	0.00	18.44	--
	02/21/10	<50.0	655	1,970	3.8	<1.0	<1.0	5.3	--	<1.0	9.1	<0.10			<79.2	10.56	0.00	18.76	--
	05/23/10	56.8	639	1670	9.7	<1.0	<1.0	<3.0	--	<1.0	5.9	<0.10			353	10.64	0.00	18.68	--
	08/15/10	<50.0	113	451	8.7	<1.0	<1.0	<3.0	--	<1.0	4.4	<0.10			<79.2	10.98	0.00	18.34	--
	11/15/10	North lane of Mercer flooded. Unable to sample.														--	--	--	--
	02/27/11	Decomissioned																	--
MW-202	11/04/05	247	<240	<481	0.630	0.880	<0.5	1.80	<1	--	--	--			--	12.77	0.00	17.78	--
30.55	02/22/06	<50	<253	<505	<0.5	<0.5	<0.5	<3	<1[q,r]	<1	1.71	--			--	12.35	0.00	18.20	--
	05/10/06	<50	<250	<500	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	12.43	0.00	18.12	--
	08/29/06	<80	<253	<505	<0.5	<0.5	<0.5	<3	<1	<5	9.54	--			--	12.76	0.00	17.79	--
	12/12/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	12.24	0.00	18.31	--
	03/08/07	<50	<253	<505	<0.5	<0.5	<0.5	<3	<1	<5	1.04	--			--	12.23	0.00	18.32	--
	06/14/07	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	12.44	0.00	18.11	--
	09/14/07	<50	<250	<500	<0.5	<0.5	<0.5	<3	<1	<5	1.43	--			--	12.54	0.00	18.01	--
	12/19/07	<50	<240	<481	<1	<1	<1.00	<3	<1	<1	<1	--			--	12.12	0.00	18.43	--
	03/18/08	<50	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<5	<1			<1	12.42	0.00	18.13	--
	06/02/08	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<240	12.47	0.00	18.08	--
	08/05/08	<50	<248	<495	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<248	12.65	0.00	17.90	--
	11/05/08	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<243	12.52	0.00	18.03	--
	02/25/09	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00			<243	12.80	0.00	17.75	--
	05/17/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	12.90	<1.00			<236	13.63	0.00	16.92	--
	08/16/09	<50	<240	<470	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	7.50	<5.0			<240	15.32	0.00	15.23	--
	11/15/09	<50	<240	<470	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	2.3	<1			<240	12.54	0.00	18.01	--
	02/21/10	<50.0	82.8	<381	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.1	<0.10			<76.2	12.23	0.00	18.32	--
	05/23/10	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	<1.0	.91	<0.10			<78.4	12.33	0.00	18.22	--
	08/18/10	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.8	<0.10			<78.4	12.60	0.00	17.95	--
	11/16/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<77.7	11.68	0.00	18.87	--
		Abandoned or Damaged - To be decomissioned at a later date.																	--
MW-203	11/08/05	<50	<238	<476	1.14	<0.5	0.780	<3	<1	--	--	--			--	8.24	0.00	18.39	--
26.63	02/24/06	<50	<260	<521	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	8.05	0.00	18.58	--
	05/09/06	<50	<248	<495	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	6.99	0.00	19.64	--
	08/30/06	<80	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	8.30	0.00	18.33	--
	12/13/06	<50	<258	<515	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	8.46	0.00	18.17	--
	03/07/07	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	7.67	0.00	18.96	--
	06/13/07	Not accessible														--	--	--	--
	09/12/07	Not accessible														--	--	--	--
	12/19/07	<50	<236	<472	<1	<1	<1.00	<3	<1	<1	1.69	--			--	7.49	0.00	19.14	--
	03/18/08	<50	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<5	<1			<1	6.95	0.00	19.68	--
	06/02/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<236	6.24	0.00	20.39	--
	08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	1.66	<1			<236	6.94	0.00	19.69	--
25.94	11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	272.00	<1.00			<236	7.05	0.00	18.89	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
	02/25/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	3.21	<1.00			<240	5.54	0.00	20.40	--
	05/17/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	4.03	<1.00			<236	7.00	0.00	19.63	--
	08/17/09	<50	<240	<490	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<5.0	<5.0			<240	7.95	0.00	17.99	--
MW-203	11/16/09	<50	<240	<480	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	4.3	<1			<240	7.92	0.00	18.02	--
contd.	02/22/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.16	<0.10			<77.7	7.44	0.00	18.50	--
	05/24/10	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.9	<0.10			<76.9	6.34	0.00	19.60	--
	08/18/10	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	<1.0	.84	<0.10			<78.4	7.12	0.00	18.82	--
	11/15/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<77.7	7.84	0.00	18.10	--
	02/27/11	Well compromised, unable to sample														--	--	--	--	--
	06/14/11	Not sampled																		--
MW-204	11/03/05	725	<236	<472	34.5	0.550	23.3	13.6	<2	--	--	--			--	10.05	0.00	18.08	--
28.13	02/21/06	3,120	<287[q]	<575	388	<2.5	221	87.0	<5	42.2	1.63	--			--	10.09	0.00	18.04	--
	05/09/06	2,990[l]	<236[p]	<472	343	9.05	144	84.7	<5	50.6	<1	--			--	9.40	0.00	18.73	--
	06/13/06	Decommissioned																	--
MW-205	11/02/05	735	<236	<472	0.750	<0.5	23.2	20.6	<1	--	--	--			--	9.34	0.00	18.74	--
28.08	02/22/06	3,950	<245	<490	7.60	<2.50	307	116	<5 [d,r]	82.0	3.64	--			--	9.22	0.00	18.86	--
	05/10/06	1,530	<236	<472	2.68	<1.00	86.8	30.04	<2	38.5	1.31	--			--	9.19	0.00	18.89	--
	06/13/06	Decommissioned																	--
MW-206	11/03/05	93.4	<236	<472	2.23	<0.5	2.86	2.84	<2	--	--	--			--	12.60	0.00	18.94	--
31.54	02/23/06	<50	279[p]	<490	7.57	0.560	<0.5	<3	<1	<1	1.24	--			--	12.40	0.00	19.14	--
	05/10/06	<50	<263	<526	8.54	<0.5	<0.5	<3	<1	<1	1.04	--			--	12.75	0.00	18.79	--
	08/29/06	<80	<266	<532	1.63	<0.5	<0.5	<3	<1	<5	1.84	--			--	13.25	0.00	18.29	--
	06/13/07	Lack of water to sample														10.36	0.00	21.18	--
	09/14/07	Lack of water to sample														10.67	0.00	20.87	--
	12/17/07	<50	293	1,020		<1	<1	<1	<2	<1	--	6.16				9.50	0.00	22.04	--
	03/17/08	<50	331	1,080	<236	<0.5	<0.5	<0.5	<3	<1	<5	852.00			<1	9.76	0.00	21.78	--
	06/02/08	Insufficient water to sample														10.91	0.00	20.63	--
	08/04/08	Insufficient water to sample.														--	--	--	--
	11/03/08	<50	<243	564	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	14.80	1.65			<243	9.03	0.00	22.51	--
	02/23/09	Well dry														--	--	--	--
	05/17/09	Well dry														10.80	0.00	19.74	--
	08/16/09	Well dry														11.48	0.00	20.06	--
	11/15/09	<50	1,400[y]	10,000	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	330	<1			330	9.60	0.00	21.94	--
	02/21/10	<50.0	--	--	<1.0	<1.0	<1.0	<1.0	--	<1.0	--	<0.10			--	9.32	0.00	22.22	--
	05/23/10	<50.0	--	--	<1.0	<1.0	<1.0	<1.0	--	<1.0	7810	<0.10			--	9.48	0.00	22.06	--
	08/15/10	Well dry														10.88	0.00	20.66	--
	11/14/10	<50.0	5,990	49,100	<1.0	<1.0	<1.0	<3.0	--	1.0	58.1	<10.0			546	6.85	0.00	24.69	--
	02/27/11	Decomissioned																	--
MW-207	11/04/05	<50	<281	<562	2.82	<0.5	<0.5	<3	<1	--	--	--			--	13.79	0.00	16.86	--
30.65	02/23/06	<50	<248	<495	3.52	2.05	<0.5	<3	<1	<1	<1	--			--	13.64	0.00	17.01	--
	05/10/06	<50	<250	<500	1.85	1.86	<0.5	<3	<1	<1	<1	--			--	13.81	0.00	16.84	--
	08/29/06	<80	<253	<505	<0.5	<0.5	<0.5	<3	<1	<5	1.22	--			--	14.40	0.00	16.25	--
	12/12/06	<50	<248	<495	1.21	<0.5	<0.5	<3	<1	<5	<1	--			--	14.07	0.00	16.58	--
	03/07/07	<50	<263	<526	0.960	<0.5	<0.5	<3	<1	<5	<1	--			--	13.88	0.00	16.77	--
	06/15/07	<50	<238	<476 [f]	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	13.84	0.00	16.81	--
	09/14/07	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	13.88	0.00	16.77	--
	12/19/07	<50	<236	<472	<1	<1	<1	<3	<1	<1	<1	--			--	13.70	0.00	16.95	--
	03/18/08	<50	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<5	<1			<1	14.28	0.00	16.37	--
	06/02/08	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<238	14.52	0.00	16.13	--
	08/05/08	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	1.58	<1			<238	14.66	0.00	15.99	--
	11/05/08	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.02	<1.00			<240	13.85	0.00	16.80	--
	02/23/09	Inaccessible														--	--	--	--
	05/17/09	Inaccessible														--	--	--	--
	08/17/09	Inaccessible														--	--	--	--
	11/15/09	Inaccessible														--	--	--	--
	02/21/10	<50.0	681	536	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.20	<0.10			<92.0	13.81	0.00	16.84	--
	05/24/10	Inaccessible																	--
	08/15/10	Well Decommissioned																	--
MW-208	11/07/05	1,980	<250	<500	20.2	4.40	35.2	143	<1	--	--	--			--	11.44	0.00	18.84	--
30.28	02/22/06	11,900	<243	<485	131	35.4	450	1,610	<20	96.8	2.17	--			--	11.11	0.00	19.17	--
	05/10/06	13,400	<236	<472	185	29.2	785	2,358	<20	184	1.80	--			--	11.52	0.00	18.76	--
	08/30/06	21,800	276[g]	<495	213	93.9	1,590	5,960	<1	521	2.88	--			--	12.10	0.00	18.18	--
	12/12/06	21,800	542	<490	78.6	18.2	949	3,780	<20	315	1.28	--			--	11.09	0.00	19.19	--
	03/08/07	34,000	454	<500	212	25.2	1,660	5,360	40.0	838	<1	--			--	11.02	0.00	19.26	--
	06/14/07	57,400	591 [g]	<472	241	52.6	3,520	12,900	<20	2,110	1.74	--			--	11.22	0.00	19.06	--
	09/14/07	63,000	1,120	<490	93.7	44.2	2,360	8,480	<1	1,080	<1	--			--	11.40	0.00	18.88	--
	12/17/07	8,770	<238	<476	30.0	1.4	470	1,310	<1	--	2.97	--			--	10.63	0.00	19.65	--
	03/18/08	23,200	512	<472	6,180	35.2	5.58	756	2,280	<1	210	217.00			<1	10.91	0.00	19.37	--
	06/01/08	17,200	310	<472	29.2	10.3	856 [x]	2200 [x]	<1	256 [x]	7.91	<1			7,460	12.22	0.00	18.06	--
	08/10/08	40,600	115	<485	52.1	31	1,490	4,920	<10	414	6.23	1.56			12,600	12.30	0.00	17.98	--
	11/02/08	32,700	988	<490	10.9	23.5	947	3,150	<1.00	21.4	1.80	1.41			12,500	11.80	0.00	18.48	--
	02/23/09	Inaccessible														--	--	--	--
	05/17/09	18,000	652	<476	4.72	6.26	700	2,100	<1.00	274	3.84	<1.00			7,330	12.15	0.00	18.13	--
	08/16/09	22,000	<240	<480	Not analyzed due to analyst error.						<5.0	<5.0			11,000	13.92	0.00	18.13	--
	11/15/09	28,000	5,600[y]	<470	8.9	5.6	630[H]	2,400[H]	<1.0	280[H]	4	<1			10,000[y]	11.70	0.00	18.58	--
	02/21/10	23,700	1,250	472	6.4	<5.0	679	1,980	--	222	6.1	0.16			8,870	11.05	0.00	19.23	--
	05/23/10	18,500	1,200	<385	7.0	2.1	341	1750	--	173	42.7	.29			6,550	11.20	0.00	19.08	--
	08/15/10	14,800	699	<392	3.4	<1.0	<1.0	<3.0	--	<1.0	3.90	0.50			5,760	11.44	0.00	18.84	--
	11/14/10	7,440	515	<388	2.4	<1.0	122	32.1	--	53.6	<10.0	<10.0			3,870	10.75	0.00	19.53	--
	02/27/11	Decomissioned																	--
	11/20/12	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<4.0	<3.0	<3.0			<100	6.89	0.00	21.11	--
	11/06/13	281	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	10.43	0.00	Note Z	--
28.05	07/29/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0098	<1.0	--	14.81	0.00	13.24	--
27.88	12/08/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0098	<1.0	--	11.40	0.00	16.48	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.91	0.00	17.97	--
	06/22/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.43	0.00	17.45	--
	09/10/15	<100	--	--	2.1	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.59	0.00	17.29	--
	12/07/15	<100	--	--	2.9	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.60	0.00	18.28	--
	06/28/16	Not Gauged or Sampled.																	--
	12/15/16	<100	--	--	1.9	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.80	0.00	18.08	--
MW-209	11/05/08	<50.0	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<238	9.22	0.00	18.66	--
27.00	02/23/09	Inaccessible														--	--	--	--
	05/17/09	Inaccessible														--	--	--	--
	08/17/09	Inaccessible														--	--	--	--
	11/17/09	Inaccessible														--	--	--	--
	02/22/10	<50.0	251	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.3	<0.10			<77.7	9.30	0.00	17.70	--
	05/24/10	<50.0	192	<396	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.1	<0.10			137	8.04	0.00	18.96	--
	08/18/10	<50.0	86.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	1.3	<0.10			<77.7	8.86	0.00	18.14	--
	11/16/10	<50.0	85.1	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<77.7	9.45	0.00	17.55	--
	03/01/11	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	--			<77.7	9.26	0.00	17.74	--
	06/15/11	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	--	0.19	<0.10			--	8.10	0.00	18.90	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15			500	--	--	--	--
	08/30/11	<50.0	<80.0	<400	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.35	0.17			--	9.09	0.00	17.91	--
	12/06/11	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	<10.0	0.12	0.18			<82.5	9.50	0.00	17.50	--
	02/15/12	<50.0	103	<412	<1.0	<1.0	<1.0	<3.0	--	2.1	<10.0	<10.0			<82.5	9.70	0.00	17.30	--
	05/16/12	<50.0	<79.2	<396	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<79.2	8.08	0.00	18.92	--
MW-209	08/15/12	<50.0	117	<426	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			85.6	8.80	0.00	18.20	
contd.	11/21/12	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<4.0	<3.0	<3.0			<100	9.00	0.00	18.00	
	11/06/13	<400	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	9.66	0.00	17.34	--
	07/29/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0098	<1.0	--	10.36	0.00	16.64	--
26.88	12/09/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0098	<1.0	--	9.61	0.00	17.27	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.90	0.00	17.98	--
	06/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.98	0.00	17.90	--
	09/11/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.75	0.00	17.13	--
	12/07/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.77	0.00	18.11	--
	06/28/16	Not Gauged or Sampled.																	--
	12/15/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.60	0.00	17.28	--
MW-210	11/05/08	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<243	8.60	0.00	18.10	--
26.70	02/25/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00			<240	5.90	0.00	20.80	--
	05/17/09	<50.0	<245	<490	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<245	8.61	0.00	18.09	--
	08/17/09	<50	<240	<280	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<5.0	<5.0			<240	9.60	0.00	17.10	--
	11/17/09	<50	<240	<490	<0.50	<0.50	<0.50[H]	<2.0	<1.0	<5.0	1.3	<1			<240	8.15	0.00	18.55	--
	02/22/10	<50.0	154	<381	<1.0	<1.0	<1.0	5.5	--	<1.0	0.31	0.21			<76.2	8.73	0.00	17.97	--
	05/24/10	<50.0	190	<385	<1.0	<1.0	<1.0	<3.0	--	<1.0	.45	<0.10			150	7.65	0.00	19.05	--
	08/18/10	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	<1.0	.36	<0.10			<78.4	8.54	0.00	18.16	--
	11/16/10	<50.0	85.1	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<77.7	8.81	0.00	17.89	--
	03/01/11	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	--			<77.7	8.77	0.00	17.93	--
	06/15/11	<50.0	<86.0	<430	<1.0	<1.0	<1.0	<3.0	--	--	0.27	<0.10			--	7.73	0.00	18.97	--
	08/30/11	<50.0	<87.0	<435	<1.0	<1.0	<1.0	<3.0	--	<1.0	<0.10	<0.10			<87.0	8.67	0.00	18.03	--
	12/06/11	<50.0	<86.2	<412	<1.0	<1.0	<1.0	<3.0	--	<1.0	<0.10	0.22			<82.5	8.95	0.00	17.75	--
	02/15/12	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	2.1	<10.0	<10.0			<82.5	9.20	0.00	17.50	--
	05/16/12	<50.0	<83.3	<417	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<83.3	7.64	0.00	19.06	--
	08/15/12	<50.0	<85.1	<426	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<85.1	8.43	0.00	18.27	--
	11/21/12	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<4.0	<3.0	<3.0			<100	6.42	0.00	20.28	--
	11/06/13	<400	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	9.42	0.00	17.28	--
	07/29/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.010	<1.0	--	10.72	0.00	15.98	--
26.56	12/09/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0099	<1.0	--	9.39	0.00	17.17	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.54	0.00	18.02	--
	06/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.76	0.00	17.80	--
	09/11/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.45	0.00	17.11	--
	12/07/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.50	0.00	18.06	--
	06/28/16	Not Gauged or Sampled.																	--
	12/15/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.90	0.00	17.66	--
MW-211	11/05/08	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00			<240	7.23	0.00	19.32	--
26.55	02/25/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00			<240	8.19	0.00	18.39	--
	05/17/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	4.72	<1.00			<236	9.10	0.00	17.45	--
	08/17/09	<50	<240	<490	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<5.0	<5.0			<240	9.74	0.00	16.81	--
	11/17/09	<50	<240	<480	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<1	<1			<240	8.24	0.00	18.31	--
	02/22/10	<50.0	146	<385	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.42	<0.10			<76.9	7.91	0.00	18.64	--
	05/24/10	<50.0	115	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	.46	.29			85.1	7.56	0.00	18.99	--
	08/18/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	.34	.13			<77.7	8.42	0.00	18.13	--
	11/15/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<77.7	8.37	0.00	18.18	--
	03/01/11	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	--			<77.7	8.54	0.00	18.01	--
	06/15/11	<50.0	<84.2	<421	<1.0	<1.0	<1.0	<3.0	--	--	0.12	<0.10			--	5.61	0.00	20.94	--
	08/30/11	<50.0	<84.2	<421	<1.0	<1.0	<1.0	<3.0	--	<1.0	<0.10	<0.10			<84.2	8.48	0.00	18.07	--
	12/06/11	<50.0	<83.3	<417	<1.0	<1.0	<1.0	<3.0	--	<10.0	<0.10	0.15			<83.3	8.83	0.00	17.72	--
	02/15/12	<50.0	<75.5	<377	<1.0	<1.0	<1.0	<3.0	--	2.1	<10.0	<10.0			<75.5	9.10	0.00	17.45	--
	05/16/12	<50.0	<83.3	<417	<1.0	<1.0	<1.0	<3.0	--	4.0	<10.0	<10.0			<83.3	7.65	0.00	18.90	--
	08/15/12	<50.0	<88.9	<444	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<88.9	8.42	0.00	18.13	--
	12/13/17	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	<10.0	<10.0			--	12.51	0.00	14.04	--
	01/04/19	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	--	<2.0	<2.0			--	8.48	0.00	18.07	
MW-806	11/02/05	61.8	<245	<490	1.57	<0.5	2.94	10.3	<2	--	--	--			--	7.58	0.00	--	--
26.28	02/24/06	117	<238	<476	<0.5	0.910	1.49	4.24	<1	<1	2.16	--			--	7.71	0.00	18.57	--
	12/11/06	--	--	--	--	--	--	--	--	--	--	--			--	8.21	0.00	18.07	--
		Abandoned or Damaged - To be decomissioned at a later date.																	--
MW-X	11/02/05	760	252[I]	<472	**114**	0.730	14.0	7.16	<1	--	--	--			--	9.65	0.00	18.72	--
28.37	02/21/06	Casing damaged - unable to collect sample																	--
SMW-2S	07/25/05	Casing damaged - unable to collect sample														8.28	--	--	--
	11/02/05	Not monitored																	--
	11/21/12	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<4.0	<3.0	<3.0			<100	6.70	0.00	19.85	--
	11/06/13	<400	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	9.45	0.00	17.10	--
	07/29/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0097	<1.0	--	12.24	0.00	14.31	--
26.48	12/09/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	**28.9**	<10.0	<0.0098	<1.0	--	9.67	0.00	16.81	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.77	0.00	17.71	--
	06/22/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.91	0.00	17.57	--
	09/11/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.51	0.00	16.97	--
	12/07/15	Well Was Submerged Under Surface Water																	
	06/28/16	Unable to access well, not gauged or sampled.																	--
	12/15/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.80	0.00	17.68	--
MW-212	09/30/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.021	<1.0	--	14.23	0.00	--	--
29.09	12/09/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0097	<1.0	--	12.83	0.00	16.26	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	11.53	0.00	17.56	--
	06/22/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.15	0.00	16.94	--
	09/11/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	11.87	0.00	17.22	--
	12/07/15	Well Was Inaccessible Due to Parked Vehicle Over Monument																	
	06/28/16	Not Gauged or Sampled																	
	12/13/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.60	0.00	18.49	--
MW-213	10/06/14	105	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	11.0	<10.0	<0.020	<1.0	--	11.63	0.00	--	--
27.35	12/08/14	<100	--	--	4.9	<1.0	<1.0	<3.0	<1.0	--	12.8	<10.0	<0.0098	<1.0	--	10.40	0.00	16.95	--
	03/23/15	364	--	--	**70.6**	<1.0	18.7	18.5	--	--	--	--	--	--	--	9.39	0.00	17.96	--
	6/23/2015[aa]	453	--	--	**43.1**	1.3	16.8	27.8	--	--	--	--	--	--	--	9.24	0.00	18.11	--
	6/23/2015[bb]	150	--	--	**9.4**	<1.0	6.1	3.1	--	--	--	--	--	--	--	9.24	0.00	18.11	--
	9/11/2015[cc]	638	--	--	2.2	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.98	0.00	17.37	
	9/11/2015[dd]	<100	--	--	3.4	<1.0	1.4	<3.0	--	--	--	--	--	--	--	9.98	0.00	17.37	
	12/07/15	<100	--	--	1.2	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	6.67	0.00	20.68	
	06/28/16	<250	--	--	2.3	<0.50	5.5	3.2	--	--	--	--	--	--	--	9.41	0.00	17.94	
	12/15/16	408	--	--	**41.8**	<1.0	8.7	3.2	--	--	--	--	--	--	--	9.00	0.00	18.35	
	06/29/17	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	17.81	0.00	9.54	
	12/13/17	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	<10.0	<10.0	--	--	--	15.13	0.00	12.22	
	06/13/18	**152**	--	--	1.4	0.13J	2.5	<0.13	--	--	2.8J	2.6J			--	8.82	0.00	18.53	
	01/04/19	<19.6	--	--	<0.10	<0.083	<0.14	<0.13	--	--	<2.0	<2.0			--	8.50	0.00	18.85	

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MW-214	10/06/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.021	<1.0	--	12.14	0.00	--	--
27.33	12/08/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.010	<1.0	--	10.84	0.00	16.49	--
	03/23/15	<100	--		<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.45	0.00	17.88	--
	06/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.92	0.00	17.41	--
	09/11/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.00	0.00	17.33	--
	12/07/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	6.86	0.00	20.47	--
	06/28/16	Not Gauged or Sampled																	--
	12/15/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.50	0.00	18.83	--
MW-215	10/06/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.020	<1.0	--	12.25	0.00	--	--
27.21	12/08/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0099	<1.0	--	11.14	0.00	16.07	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.82	0.00	17.39	--
	06/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.98	0.00	17.23	--
	09/11/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.26	0.00	16.95	--
	12/07/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	6.24	0.00	20.97	--
	06/28/16	Not Gauged or Sampled																	--
	12/15/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.30	0.00	17.91	--
	06/29/17	Well dewatered.																	--
	12/13/17	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	<10.0	<10.0	--	--	--	15.75	0.00	11.46	--
	06/13/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.72	--	18.49	--
	01/04/19	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	--	<2.0	<2.0			--	8.95	--	18.26	--
MW-216	10/03/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.020	<1.0	--	21.94	0.00	--	--
29.68	12/09/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0096	<1.0	--	13.97	0.00	15.71	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.43	0.00	17.25	--
	06/22/15	<100	--	--	2.3	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.85	0.00	16.83	--
	09/12/15	<100	--	--	1.4	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.68	0.00	17.00	--
	12/07/15	<100	--	--	**10.3**	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	11.57	0.00	18.11	--
	06/28/16	<250	--	--	<0.50	<0.50	<0.50	<1.5	--	--	--	--	--	--	--	13.01	0.00	16.67	--
	12/13/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.70	0.00	18.98	--
	12/12/17	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	<10.0	<10.0	--	--	--	21.15	0.00	8.53	--
	01/03/19	<19.6	--	--	<0.10	0.20J	<0.14	<0.31	--	--	<2.0	<2.0			--	11.00		18.68	--
MW-217	10/03/14	<100	--	--	1.8	9.1	1.0	5.3	<1.0	--	<10.0	<10.0	<0.020	<1.0	--	23.64	0.00	--	--
30.08	12/09/14	<100	--	--	**6.1**	<1.0	<1.0	<3.0	<1.0	--	14.7	<10.0	<0.0096	<1.0	--	13.42	0.00	16.66	--
	03/23/15	<100	--	--	4.5	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.87	0.00	17.21	--
	06/22/15	105	--	--	4.8	<1.0	1	<3.0	--	--	--	--	--	--	--	13.13	0.00	16.95	--
	9/12/2015[ee]	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.42	0.00	17.66	--
	9/12/2015[ff]	197	--	--	4.4	<1.0	2.3	<3.0	--	--	--	--	--	--	--	12.42	0.00	17.66	--
	12/07/15	182	--	--	1.6	<1.0	3.0	<3.0	--	--	--	--	--	--	--	11.37	0.00	18.71	--
	06/28/16	<250	--	--	<0.50	<0.50	<0.50	<1.5	--	--	--	--	--	--	--	12.95	0.00	17.13	--
	12/13/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	11.35	0.00	18.73	--
	12/12/17	226	--	--	<1.0	<1.0	<1.0	<3.0	--	--	<10.0	<10.0	--	--	--	19.67	0.00	10.41	--
	01/03/19	**229**	--	--	0.20J	19.3	1.1	3.1	--	--	<2.0	<2.0			--	11.38		18.70	--
MW-218	10/03/14	492	--	--	<1.0	3.0	<1.0	8.4	<1.0	--	<10.0	<10.0	<0.021	<1.0	--	20.62	0.00	--	--
29.64	12/09/14	616	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.010	<1.0	--	13.05	0.00	16.59	--
	03/23/15	353	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	11.71	0.00	17.93	--
	06/22/15	560	--	--	<1.0	<1.0	<1.0	5.6	--	--	--	--	--	--	--	12.29	0.00	17.35	--
	9/12/2015[gg]	614	--	--	<1.0	<1.0	1.1	11.2	--	--	--	--	--	--	--	11.94	0.00	17.70	--
	9/13/2015[hh]	258	--	--	<1.0	<1.0	1.2	11.4	--	--	--	--	--	--	--	11.94	0.00	17.70	--
	12/07/15	180	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.96	0.00	18.68	--
	06/28/16	Not Gauged or Sampled																	--
	12/13/16	515	--	--	<1.0	<1.0	<1.0	5.5	--	--	--	--	--	--	--	10.95	0.00	18.69	--
	12/12/17	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	<10.0	<10.0	--	--	--	15.72	0.00	13.92	--
	01/03/19	104	--	--	<0.10	0.78J	<0.14	<0.31	--	--	<2.0	<2.0				11.00	0.00	18.64	--
MW-219	10/06/14	147	--	--	<1.0	1.2	2.0	4.4	<1.0	--	<10.0	<10.0	<0.020	<1.0	--	14.18	0.00	--	--
27.41	12/09/14	197	--	--	1.0	<1.0	2.4	5.8	<1.0	--	<10.0	<10.0	<0.0098	<1.0	--	10.98	0.00	16.43	--
	03/23/15	<100	--	--	1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.91	0.00	17.50	--
	06/22/15	<100	--	--	1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.75	0.00	17.66	--
	09/10/15	<100	--	--	<1.0	<1.0	1.1	<3.0	--	--	--	--	--	--	--	10.52	0.00	16.89	--
	12/07/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.78	0.00	17.63	--
	06/28/16	Not Gauged or Sampled																	--
	12/13/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.90	0.00	17.51	--
	12/13/17	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	<10.0	<10.0	--	--	--	14.99	0.00	12.42	--
	01/03/19	Well could not be located-Construction area																	
SMW-3	03/08/95	<50	400	**2,500**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	10.25	0.00	--	--
29.03	06/06/95	<50	<250	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	10.23	0.00	--	--
	09/07/95	<50	300	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	10.89	0.00	--	--
	12/08/95	<50	300	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	10.36	0.00	--	--
	04/01/96	**34,000**	**4,000**	**2,300**	**6,400**	42	**2,100**	**3,000**	--	--	--	--			--	10.07	0.00	--	--
	06/25/96	<50	320	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	10.19	0.00	--	--
	09/27/96	<50	<250	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	11.12	0.00	--	--
	03/28/97	<50	<250	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	10.19	0.00	--	--
	06/30/97[b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	10.14	0.00	--	--
	09/08/97[b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	10.85	0.00	--	--
	12/19/97[b]	<50	521	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	9.67	0.00	--	--
	03/16/98[b]	50.1	<250	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	9.28	0.00	--	--
	06/26/98[b]	<50	500	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	8.87	0.00	--	--
	09/23/98[b]	<50	<250	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	9.88	0.00	--	--
	12/17/98[b]	<50	293	**<750**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	9.22	0.00	--	--
	03/31/99[b]	<50	360	**<750**	<0.5	<0.5	0.53	4.97	--	--	--	--			--	9.01	0.00	--	--
	06/30/99[b]	<50	639	**<750**	<0.5	0.609	<0.5	1.32	--	--	--	--			--	9.55	0.00	--	--
	12/08/99[b]	<50	<484	**<1,450**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	8.75	0.00	--	--
	06/20/00[b]	<50	<250	**<750**	<0.5	0.585	<0.5	1.86	--	--	--	--			--	8.89	0.00	--	--
	12/19/00	--	--	**--**	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/15/01[b]	<50	368	**<866**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	7.23	0.00	--	--
	06/26/01	--	--	**--**	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01[b]	<50	385	**<571**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	9.19	0.00	--	--
	10/10/01	--	--	**--**	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	<50	**1,160**	<500	<0.5	0.902	<0.5	2.78	--	--	--	--			--	8.89	0.00	--	--
	03/08/02	--	--	**--**	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/24/02	--	--	**--**	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/26/02	<100	<250	<500	1.83	<2	<1.00	<1.5	--	--	--	--			--	10.32	0.00	--	--
	12/12/02	--	--	**--**	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/13/03	<50	<250	<500	<0.5	<0.5	<0.5	<1	--	--	--	--			--	10.99	0.00	--	--
	06/12/03	--	--	**--**	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	<50	<287	**<575**	<0.5	<0.5	<0.5	<1	--	--	--	--			--	11.00	0.00	--	--
	01/14/04	--	--	**--**	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/30/04	<100	<119	<238	<1	<1	<1	<2	--	--	--	--			--	10.42	0.00	--	2.10
	06/22/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/29/04	56	<242	<483	<0.5	<0.5	<0.5	<1.0	--	--	--	--			--	11.67	0.00	--	0.10
	12/29/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/17/05	<100	<248	<495	<1	<1	<1	<2	--	--	--	--			--	11.68	0.00	--	1.20
	06/01/05	<100	<249	<498	<1	<1	<1	<2	<1	--	--	--			--	10.62	0.00	--	1.30

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
	07/25/05	<50	<250	<500	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--			--	11.19	0.00	--	1.20
29.03	11/08/05	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	--	--	--			--	11.77	0.00	17.26	NM [o]
	02/24/06	<50	<278	**<556**	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	--			--	11.84	0.00	17.19	--
	08/30/06	<80	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--				
	10/11/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<1	<1	--			--	10.70	0.00	18.33	0.17
	12/13/06	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	12.14	0.00	16.89	1.05
SMW-3	03/08/07	<50	<250	<500	<0.5	<0.5	<0.5	<3	<1	<5	<1	--			--	11.68	0.00	17.35	1.44
contd.	06/13/07	Not Accessible														--	--	--	--
	09/12/07	Not Accessible														--	--	--	--
	12/17/07	Not Accessible														--	--	--	--
	03/17/08	Unable to locate														--	--	--	--
	06/02/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1			<236	9.05	0.00	19.98	--
	08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	4.54	<1			<236	7.64	0.00	21.39	--
27.40	11/04/08	<50.0	<238	<476	<0.500	<0.500	<0.500	<3.00		<5.00	5.88	<1.00			<238	9.70	0.00	17.70	--
	02/25/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00			<240	9.90	0.00	17.50	--
	05/17/09	Not Accessible																	--
	08/17/09	<50	<250	<490	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	<5.0	<5.0			<250	10.10	0.00	17.30	--
	11/17/09	<50	<240	<490	<0.50	<0.50	<0.50	<2.0	<1.0	<5.0	1.2	<1			<240	9.53	0.00	17.87	--
	02/22/10	<50.0	107	**605**	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.26	<0.10			<76.2	9.90	0.00	17.50	--
	05/24/10	<50.0	255	**510**	<1.0	<1.0	<1.0	<3.0	--	<1.0	.42	<0.10			100	8.50	0.00	18.90	--
	08/18/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	.39	<0.10			<77.7	9.29	0.00	18.11	--
	11/16/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<77.7	10.11	0.00	17.29	--
	03/01/11	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	--			<77.7	9.85	0.00	17.55	--
	06/15/11	<50.0	<83.3	<417	<1.0	<1.0	<1.0	<3.0	--	--	0.21	<0.10			--	8.55	0.00	18.85	--
	08/30/11	<50.0	<86.0	<430	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.13	0.14			<86.0	9.63	0.00	17.77	--
	12/06/11	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	<10.0	0.13	0.38			<82.5	10.13	0.00	17.27	--
	02/15/12	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	2.1	<10.0	<10.0			<82.5	10.22	0.00	17.18	--
	05/16/12	<50.0	<83.3	<417	<1.0	<1.0	<1.0	<3.0	--	2.9	<10.0	<10.0			<83.3	8.64	0.00	18.76	--
	08/15/12	<50.0	<85.1	<426	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<85.1	9.30	0.00	18.10	--
	12/13/17	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	<10.0	<10.0			--	10.82	0.00	16.58	--
	01/03/19	Well could not be located																	
SMW-4	03/08/95	39,000	4,100	5,100	13,000	<250	2,400	8,200	--	--	--	--			--	8.14	0.00	--	--
	06/06/95	41,000	5,500	<750	9,400	44	2,700	4,900	--	--	--	--			--	8.90	0.00	--	--
	09/07/95	--	--	--	--	--	--	--	--	--	--	--			--	8.99	0.00	--	--
	12/08/95	40,000	1,500	920	8,100	57.0	2,600	3,600	--	--	--	--			--	7.56	0.00	--	--
	04/01/96	<50	<250	<750	<0.5	<0.5	<0.5	<1	--	--	--	--			--	8.13	0.00	--	--
	06/25/96	28,100	2,680	630	3,900	81.4	1,710	1,710	--	--	--	--			--	8.20	0.00	--	--
	09/27/96	28,600	2,460	<750	6,090	<0.5	2,060	1,730	--	--	--	--			--	8.62	0.00	--	--
	03/28/97	--	--	--	--	--	--	--	--	--	--	--			--	8.20	0.00	--	--
	06/30/97	--	--	--	--	--	--	--	--	--	--	--			--	8.06	0.00	--	--
	09/08/97	--	--	--	--	--	--	--	--	--	--	--			--	9.00	0.00	--	--
	12/19/97	LPH Present														9.41	0.04	--	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--			--	9.09	0.00	--	--
	06/26/98	LPH Present														8.76	Trace	--	--
	09/23/98	LPH Present														9.96	0.05	--	--
	12/17/98	LPH Present														10.22	Trace	--	--
	03/31/99	LPH Present														8.70	Trace	--	--
	06/30/99	LPH Present														8.20	Trace	--	--
	12/08/99	Inaccessible														NM	NM	--	--
	06/20/00	Inaccessible														NM	NM	--	--
	12/19/00	Inaccessible														NM	NM	--	--
	06/15/01	Inaccessible														NM	NM	--	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/07/01	Inaccessible														NM	NM	--	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/28/01	Inaccessible														NM	NM	--	--
	03/08/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/26/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	03/13/03	--	--	--	--	--	--	--	--	--	--	--			--	9.55	0.00	--	--
	06/12/03	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	09/19/03	--	--	--	--	--	--	--	--	--	--	--			--	10.58	0.00	--	--
	01/14/04	--	--	--	--	--	--	--	--	--	--	--			--	NM	NM	--	--
	07/25/05	14,500	6,490	1,110	2,120	<20	908	<50	<1	312	--	--			--	9.04	Sheen	--	1.10
28.33	11/02/05	17,200	3,210	<472	2,440	<50	1,390	<300	<100	--	--	--			--	10.10	0.00	18.23	NM [o]
	02/24/06	17,800	3,160[g]	<472	2,730	13.4	1,330	<60	<20	442	15.8	--			--	5.07	0.00	23.26	--
	05/11/06	18,700	1,520	<490	2,130	<25	1,120	<150	<50	531	29.4	--			--	9.29	0.00	19.04	0.46
	08/31/06	8,190	651g	<495	1,800	11.9	1,000	1,350	<10	366	20.0	--			--	10.56	0.00	17.77	1.15
	12/13/06	16,800	682	<472	1,880	<20	1,240	1,550	<40	465	9.5	--			--	9.27	0.00	19.06	0.09
	03/08/07	16,500	1,010	<490	2,000	<20	1,480	1,820	40.0	991	7.42	--			--	9.19	0.00	19.14	0.27
	06/13/07	13,000	963 [g]	<495	2,070	14.4 [J]	1,720	42.6 [J]	<1	1,160	7.74	--			--	9.21	0.00	19.12	0.75
	09/13/07	15,000	834	<476	2,170	16.3	1,800	2,410	<1	598	7.57	--			--	9.45	0.00	18.88	0.23
	12/19/07	12,400	904	<472	1,400	4.8	640	13.70	<1	310	8.66	--			--	8.51	0.00	19.82	--
	03/17/08	1,630	<236	<472	78.1	1.23	1.34	8.17	<1	5.71	3.82	3.82			<1	8.92	0.00	19.41	--
	06/03/08	14,600	753	<472	1,330	6.02	866	15.40	<1	292	10.40	<1			3,840	8.98	0.00	19.35	--
	08/06/08	10,300	959	<472	1,210	5.29	782	<3	<1	454	9.96	7.91			3,280	9.47	0.00	18.86	--
	11/03/08	15,800	1,400	<472	1,290	6.95	1,620	24.40	<1.00	<500	12.30	8.88			5,450	9.41	0.00	18.92	--
	11/18/08	Decommissioned																	--
SMW-5	07/25/05	3,110	835[b]	<500	40.2	0.790	41.8	21.48	<1	24.6	--	--			--	10.40	0.00	--	0.60
29.17	11/02/05	1,950[m]	1,930[f,g]	<490	52.9	3.43	58.0	64.8	<2	--	--	--			--	10.51	0.00	18.66	NM [o]
	02/22/06	3,530	<248	<495	176	<2.5	31.8	18.5	<5	50.0	4.21	--			--	10.42	0.00	18.75	--
	05/11/06	3,140	1,110	<500	140	2.95	53.6	31.1	<5	49.2	<1	--			--	10.59	0.00	18.58	0.63
	08/31/06	942	248p	<472	51.8	1.73	9.01	11.3	<1	30.3	2.12	--			--	11.45	0.00	17.72	0.29
	12/13/06	3,780	318	<472	177.0	6.62	93.9	53.4	<2	60.8	<1	--			--	10.42	0.00	18.75	0.07
	03/08/07	2,560	<236	<472	80.4	0.840	8.81	6.35	<1	51.3	2.12	--			--	10.27	0.00	18.90	0.94
	06/13/07	2,850 [J]	301 [g]	<485	61.2	0.880	8.21	5.43	<1	17.2	<1	--			--	10.15	0.00	19.02	0.72
	09/13/07	1,350	258	<476	35.0	1.43	19.5	<3	<1	18.2	<1	--			--	10.29	0.00	18.88	0.05
	12/18/07	3,610	264	<472	150.0	8.10	140.0	41.20	<1	66.0	1.83	--			--	8.45	0.00	20.72	--
	03/17/08	3,450	288	<472	1,110	93.9	1.03	20.4	4.28	<1	15.7	<1			<1	9.75	0.00	19.42	--
	06/03/08	1,580	<236	<472	24.4	0.89	12.9	5.15	<1	9.06	2.72	<1			682	10.11	0.00	19.06	--
	08/05/08	2,050	259	<472	18.2	1.28	17.1	4.78	<1	6.2	1.54	<1			941	10.70	0.00	18.47	--
	11/03/08	2,890	280	<476	6	1.03	21.5	5.59	<1.00	8.59	1.14	<1.00			1190	10	0.00	19.17	--
	11/18/08	Decommissioned																	--
	11/21/12	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<4.0	<3.0	<3.0			<100	9.16	0.00	18.24	--
	11/06/13	<400	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	10.10	0.00	17.30	--
	07/29/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0099	<1.0	--	10.85	0.00	16.55	--
27.32	12/09/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	**119**	<10.0	<0.0098	<1.0	--	9.94	0.00	17.38	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.39	0.00	17.93	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
SMW-5	06/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.39	0.00	17.93	--
contd.	09/11/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.25	0.00	17.07	--
	12/07/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	8.78	0.00	18.54	--
	06/28/16	Not Sampled														9.09	0.00	18.23	--
	12/15/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.20	0.00	17.12	--
MWR-1	11/17/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<77.7	9.75	0.00	20.16	--
29.91	03/03/11	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	--			<77.7	10.23	0.00	19.68	--
	06/15/11	<50.0	<83.3	<417	<1.0	<1.0	<1.0	<3.0	--	--	1.5	<0.10			--	10.28	0.00	19.63	--
	08/30/11	<50.0	<86.0	<430	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.51	<0.10			--	10.97	0.00	18.94	--
	12/06/11	<50.0	<83.3	<417	<1.0	<1.0	<1.0	<3.0	--	<10.0	0.68	0.62			<83.3	10.80	0.00	19.11	--
	02/16/12	<50.0	<81.6	<408	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<81.6	10.51	0.00	19.40	--
	05/15/12	<50.0	<81.6	<408	<1.0	<1.0	<1.0	<3.0	--	3.8	<10.0	<10.0			<81.6	10.20	0.00	19.71	--
	08/15/12	<50.0	<85.1	<426	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<85.1	10.65	0.00	19.26	--
	11/20/12	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<4.0	<3.0	<3.0			<100	8.82	0.00	21.09	--
	11/06/13	<400	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	12.04	0.00	17.87	--
	07/29/14	Well was dry																	
29.86	12/08/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0099	<1.0	--	12.51	0.00	17.35	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	11.13	0.00	18.73	--
	06/22/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.43	0.00	17.43	--
	09/11/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.01	0.00	17.85	--
	12/07/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.58	0.00	19.28	--
	06/28/16	Not Sampled														12.21	0.00	17.65	--
	12/14/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.35	0.00	19.51	--
	06/29/17	Not accessible																	--
	06/13/18	Not accessible																	
MWR-2	11/17/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	11.7	<10.0			<77.7	8.08	0.00	20.17	--
28.25	03/01/11	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	16.0	--			<77.7	8.61	0.00	19.64	--
	06/14/11	<50.0	<83.3	<417	<1.0	<1.0	<1.0	<3.0	--	--	3.1	<0.10			--	8.67	0.00	19.58	--
	08/29/11	<50.0	<83.3	<417	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.35	0			<87.0	9.32	0.00	18.93	--
	12/06/11	<50.0	<86.0	<430	<1.0	<1.0	<1.0	<3.0	--	<10.0	1.3	<0.10			<86.0	9.09	0.00	19.16	--
	02/16/12	<50.0	<81.6	<408	<1.0	<1.0	<1.0	<3.0	--	2.0	<10.0	<10.0			<81.6	8.97	0.00	19.28	--
	05/15/12	<50.0	<75.8	<379	<1.0	<1.0	<1.0	<3.0	--	3.8	<10.0	<10.0			<75.8	8.62	0.00	19.63	--
	08/15/12	<50.0	<84.2	<421	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<84.2	9.05	0.00	19.20	--
	11/20/12	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<4.0	<3.0	<3.0			<100	7.32	0.00	20.93	--
	11/06/13	<400	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	10.33	0.00	17.92	--
	07/29/14	Well contained 0.65 foot of water in well cap; well was not sampled.																	
28.16	12/08/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0099	<1.0	--	12.51	0.00	15.65	--
	03/23/15	Could Not Locate Well																	
	06/22/15	Could Not Locate Well																	
	09/10/15	Could Not Locate Well																	
	12/07/15	Could Not Locate Well																	
	06/28/16	Not Gauged or Sampled																	
	12/14/16	Could Not Locate Well																	
MWR-3	11/17/10	<50.0	83.6	<385	<1.0	1.4	<1.0	<3.0	--	<1.0	<10.0	<10.0			**1,140**	9.82	0.00	19.94	--
29.76	03/01/11	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	--			<77.7	10.17	0.00	19.59	--
	06/15/11	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	--	0.74	<0.10			--	10.18	0.00	19.58	--
	08/30/11	<50.0	<88.9	<444	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.38	<0.10			<88.9	10.87	0.00	18.89	--
	12/06/11	<50.0	<86.0	<430	<1.0	<1.0	<1.0	<3.0	--	<10.0	<0.10	<0.10			<86.0	10.63	0.00	19.13	--
	02/16/12	<50.0	<81.6	<408	<1.0	<1.0	<1.0	<3.0	--	2.0	<10.0	<10.0			<81.6	10.51	0.00	19.25	--
	05/15/12	<50.0	<81.6	<408	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<81.6	10.22	0.00	19.54	--
	08/15/12	<50.0	<87.0	<435	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<87.0	10.56	0.00	19.20	--
	11/20/12	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<4.0	<3.0	<3.0			<100	9.86	0.00	19.90	
	11/06/13	<400	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	11.52	0.00	18.24	--
	07/29/14	Well was dry																	
29.67	12/08/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0098	<1.0	--	12.52	0.00	17.15	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.98	0.00	18.69	--
	06/22/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.37	0.00	17.30	--
	09/11/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	11.99	0.00	17.68	--
	12/07/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.34	0.00	19.33	--
	06/28/16	Not Gauged or Sampled																	
	12/14/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.35	0.00	19.32	--
MWR-4	11/17/10	141	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			140	8.98	0.00	19.90	--
28.88	03/01/11	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	--			132	9.44	0.00	19.44	--
	06/14/11	<50.0	<85.1	<426	<1.0	<1.0	<1.0	<3.0	--	--	0.63	<0.10			--	9.32	0.00	19.56	--
	08/29/11	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.18	0			<82.5	10.02	0.00	18.86	--
	12/06/11	<50.0	<83.3	<417	<1.0	<1.0	<1.0	<3.0	--	<10.0	<0.10	0.29			<83.3	9.78	0.00	19.10	--
	02/16/12	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	2.0	<10.0	<10.0			<82.5	10.72	0.00	18.16	--
	05/15/12	<50.0	<81.6	<408	<1.0	<1.0	<1.0	<3.0	--	3.8	<10.0	<10.0			<81.6	9.32	0.00	19.56	--
	08/15/12	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<82.5	9.82	0.00	19.06	--
	11/20/12	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<4.0	<3.0	<3.0			<100	9.31	0.00	19.57	--
	11/06/13	<400	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	11.02	0.00	17.86	--
	07/29/14	Well was dry																	
28.80	12/08/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0098	<1.0	--	12.06	0.00	16.74	--
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.53	0.00	18.27	--
	06/22/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	11.55	0.00	17.25	--
	09/11/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	11.30	0.00	17.50	--
	12/07/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.07	0.00	18.73	--
	06/28/16	Not Gauged or Sampled																	
	12/14/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	9.50	0.00	19.30	--
MWR-5	11/17/10	**15,900**	423	<388	**199**	371	592	**3,710**	--	157	<10.0	<10.0			**5,080**	7.91	0.00	19.36	--
27.27	02/28/11	**21,800**	368	<388	**195**	444	642	**3,430**	--	143	<10.0	--			**4,650**	8.60	0.00	18.67	--
	06/14/11	**22,700**	323	<400	**192**	383	**719**	**4,340**	--	--	4.1	0			**--**	7.82	0.00	19.45	--
	08/29/11	**35,400**	478	<408	**244**	271	**861**	**4,500**	--	**338**	0.95	0.62			**7,060**	8.50	0.00	18.77	--
	12/05/11	**30,500**	235	<412	**211**	450	**1,140**	**5,960**	--	**193**	1.3	0.52			**9,580**	7.75	0.00	19.52	--
	02/16/12	**9,490**	160	<396	**68.7**	9.1	218	**1,090**	--	88.2	<10.0	<10.0			**2,330**	8.93	0.00	18.34	--
	05/15/12	**27,900**	298	<404	**181**	160	**813**	**4,830**	--	**226**	<10.0	<10.0			**4,650**	8.01	0.00	19.26	--
	08/14/12	**7,720**	329	<440	**60.5**	3.80	244	**1,280**	--	81.3	<10.0	<10.0			**2,560**	8.62	0.00	18.65	--
	11/20/12	**35,500**	**15,500**	<100	**306**	471	**1,520**	**10,700**	--	**342**	5.8	<3.0			**20,500**	5.11	0.00	22.16	--
	11/06/13	**3,820**	<400	<400	**23.0**	<1.0	150	286	<1.0	--	<10.0	<10.0			**1,100**	9.45	0.00	17.82	--
	07/29/14	Well dewatered.																	
27.12	12/08/14	**20,400**	--	--	<1.0	2.1	430	**1,400**	<1.0	--	<10.0	<10.0	<0.010	<1.0	--	10.54	0.00	16.58	--
	03/23/15	**11,900**	--	--	**31.0**	1.4	459	**1,030**	<1.0	--	<10.0	<10.0	<0.010	<1.0	--	8.98	0.00	18.14	--
	06/22/15	**14,700**	--	--	**22.9**	<10.0	455	843	--	--	--	--	--	--	--	9.98	0.00	17.14	--
	09/10/15	**10,700**	--	--	**35.0**	1.1	223	644	--	--	--	--	--	--	--	9.51	0.00	17.61	--
	12/07/15	Well Submerged Under Surface Water																	
	06/28/16	**10,800**	--	--	**14.9**	<1.2	232	519	--	--	--	--	--	--	--	9.54	0.00	17.58	--

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue North
Seattle, Washington

Sample I.D. TOC a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphtha-lene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	EDB (µg/L)	EDC (µg/L)	Kerosone (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	DO (mg/L)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**			**500**	**--**	**--**	**--**	**--**
MWR-5	12/14/16	**51,900**	--	--	**45.6**	7.4	**1,920**	**6,350**	--	--	--	--	--	--	--	8.45	0.00	18.67	--
contd.	06/29/17	Well dewatered.																	
	12/13/17	713	--	--	<1.0	<1.0	2.4	20.3	--	--	<10.0	<10.0	--	--	--	13.94	0.00	13.18	--
	06/13/18	**11,000**	--	--	**5.9**	**1.4**	**72.8**	**511**	--	--	2.4J	<2.0	**--**	8.66	--	8.66	0.00	18.46	--
	01/03/19	**43,000**	--	--	**20.9**	7.9	**1,180**	**4,282**	--	--	<2.0	<2.0		7.72	--	7.72	0.00	19.40	
MWR-6	11/16/10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<77.7	10.10	0.00	19.15	--
29.25	02/28/11	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	--			<77.7	10.89	0.00	18.36	--
	06/14/11	<50.0	<80.8	<404	<1.0	<1.0	<1.0	<3.0	--	--	1.3	<0.10			--	10.11	0.00	19.14	--
	08/29/11	<50.0	<87.0	<435	<1.0	<1.0	<1.0	<3.0	--	<1.0	0.3	<0.10			--	10.75	0.00	18.50	--
	12/05/11	<50.0	<82.5	<412	<1.0	<1.0	<1.0	<3.0	--	<10.0	0.54	0.11			<82.5	9.48	0.00	19.77	--
	02/16/12	<50.0	<75.5	<377	<1.0	<1.0	<1.0	<3.0	--	2.8	<10.0	<10.0			<75.5	11.90	0.00	17.35	--
	05/15/12	<50.0	<81.6	<408	<1.0	<1.0	<1.0	<3.0	--	3.8	<10.0	<10.0			<81.6	10.26	0.00	18.99	--
	08/14/12	<50.0	<85.1	<426	<1.0	<1.0	<1.0	<3.0	--	<1.0	<10.0	<10.0			<85.1	10.45	0.00	18.80	--
	11/20/12	<100	<100	<100	<1.0	<1.0	<1.0	<3.0	--	<4.0	<3.0	<3.0			<100	9.59	0.00	19.66	
	11/06/13	<400	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0			<400	11.77	0.00	17.48	--
	07/29/14	Well dewatered.																	
29.12	12/08/14	<100	--	--	**5.1**	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	<0.0098	<1.0	--	12.51	0.00	16.61	--
	03/23/15	<100	--	--	1.7	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	11.66	0.00	17.46	--
	06/22/15	<100	--	--	1.6	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	12.38	0.00	16.74	--
	09/11/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	11.98	0.00	17.14	--
	12/07/15	<100	--	--	1.9	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.89	0.00	18.23	--
	06/28/16	<250	--	--	<0.50	<0.50	<0.50	<1.5	--	--	--	--	--	--	--	11.75	0.00	17.37	--
	12/14/16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	10.85	0.00	18.27	--
	06/29/17	Well dewatered.																	--
	06/13/18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10.94	--	18.18	--

APPENDIX A

LABORATORY ANALYTICAL DATA REPORT AND CHAIN OF CUSTODY DOCUMENT

Table 1
Summary of Historical Groundwater Gauging and Laboratory Analytical Data

Phillips 66 Site No. 255353 (AOC 1396)
600 Westlake Avenue N.
Seattle, Washington

NOTES:

µg/L = micrograms per liter
mg/L = milligrams per liter
TOC = Relative top of casing elevation
DTW = Depth to water
SPH = Separate-phase hydrocarbon thickness
GWE = Groundwater table elevation relative to DTW data; corrected for SPH where applicable using a specific gravity of 0.80
<n = Below the detection limit
"--" = Not analyzed, sampled, or reported
NM = Not Measured
TPH as Gasoline - Analysis by Northwest Method NWTPH-Gx
TPH as Diesel and Oil - Analysis by Northwest Method NWTPH-Dx
BTEX Compounds - Analysis by EPA Method 8020A, 8021B or 8260B
Total Lead Analysis via EPA Method 6020.
Values in **BOLD** are detectable concentrations exceeding the MTCA Method A groundwater cleanup level.

[a] Top of casing elevations shown prior to November 2005 based on information provided by a previous consultant. All TOC elevations were re-surveyed between November 1 and November 15, 2005 relative to N.A.V.D. 1988 using a City of Seattle benchmark by Delta Environmental Consultants. All wells were again surveyed on December 8, 2015 by Cardno WRG.

[b] Well was not purged prior to sample collection.

[c] TPH-Diesel and TPH-Oil did not resemble chromatogram used for quantitation.

[d] Well casing was trimmed down during monument replacement in December 2004. New TOC elevation surveyed on January 27, 2005.

[e] Quality control failed due to laboratory error. Quantitative analytical results not reported.

[f] Contaminant does not appear to be "typical" product.

[g] Chromatogram suggests that this may be overlap from the gasoline range.

[h] Chromatogram suggests that this may be overlap from the motor oil range.

[H] Anlaysis was performed outside of the method specified holding time

[j] Surrogate recovery outside advisory QC limits due to matrix interference.

[k] MTCA Method A Cleanup Level for TPH-Gasoline is 1,000 ug/L if benzene is not detectable in the groundwater sample. Otherwise, the action level is 800 ug/L.

[l] Samples analyzed using Northwest Method NWTPH-Dx without acid/silica gel cleanup.

[m] Surogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present.

[n] Detected hydrocarbons due mainly to cleanup artifact. There is no diesel present.

[o] DO meter was unavailable.

[p] The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

[q] Analyte had a high bias in the associated calibration verification standard.

[r] Laboratory Control Sample and/or Sample Duplicate recovery was above the laboratory control limits. Analyte not detected, data not impacted.

[s] Dilluted due to matrix effect.

[t] The total hydrocarbon result in this sample is primarily due to an individual compound eluting in the volatile hydrocarbon range.

[u] Due to laboratory error, the samples were not analyzed for EPA 8260B compounds.

[v] Possible field error.

[w] DTW not recorded prior to sampling. Approximate value based on last quarter's initial DTW and when sampling began

[x] The benzene and ethyl benzene concentrations were outside the calibration range of the instrument. A new concentration was measured during a second run, but this run was outside of the holding time for the sample. The laboratory still considers this value to be more accurate than the original estimated value listed in the lab report.

[Y] The Chromatogram response resembles a typical fuel pattern

[Z] Well casings for MW-45 and MW-54 were compromised and repaired during installation of remediation conveyance piping. Wells were re-surveyed in July 2014. 2014.

[aa] Sample collected prior to High Intensity Targeted Extraction Event on June 23, 2015.

[bb] Sample collected immediately after High Intensity Targeted Extraction Event on June 23, 2015.

[cc] Sample collected prior to High Intensity Targeted Extraction Event on September 11, 2015.

[dd] Sample collected immediately after High Intensity Targeted Extraction Event on September 11, 2015.

[ee] Sample collected prior to High Intensity Targeted Extraction Event on September 12, 2015.

[ff] Sample collected immediately after High Intensity Targeted Extraction Event on September 12 , 2015.

[gg] Sample collected prior to High Intensity Targeted Extraction Event on September 13, 2015.

[hh] Sample collected immediately after High Intensity Targeted Extraction Event on September 13 , 2015.

"--[u]" = Due to laboratory error, the samples were not analyzed for EPA 8260B compounds.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

June 25, 2018

Elisabeth Silver
ATC Group Services LLC
6347 Seaview Ave NW
Seattle, WA 98107

RE: Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

Dear Elisabeth Silver:
Enclosed are the analytical results for sample(s) received by the laboratory on June 15, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

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

Enclosures

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #:MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10435761001	**MWR-5**	Water	06/13/18 15:07	06/15/18 10:00
10435761002	**MWR-213**	Water	06/13/18 16:22	06/15/18 10:00
10435761003	**TRIP BLANK**	Water	06/13/18 00:00	06/15/18 10:00

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SAMPLE ANALYTE COUNT

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10435761001	**MWR-5**	NWTPH-Gx	AJR	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260B	MJD	7	PASI-M
10435761002	**MWR-213**	NWTPH-Gx	AJR	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260B	MJD	7	PASI-M
10435761003	**TRIP BLANK**	EPA 8260B	MJD	4	PASI-M

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ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

Sample: MWR-5 **Lab ID: 10435761001** Collected: 06/13/18 15:07 Received: 06/15/18 10:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx								
TPH as Gas	**11000**	ug/L	5000	750	50		06/19/18 05:06		
Surrogates									
a,a,a-Trifluorotoluene (S)	92	%.	50-150		50		06/19/18 05:06	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead	**2.4J**	ug/L	10.0	2.0	1	06/18/18 07:52	06/18/18 13:44	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead, Dissolved	**<2.0**	ug/L	10.0	2.0	1	06/18/18 08:57	06/19/18 05:58	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**5.9**	ug/L	1.0	0.10	1		06/19/18 04:57	71-43-2	
Ethylbenzene	**72.8**	ug/L	1.0	0.14	1		06/19/18 04:57	100-41-4	
Toluene	**1.4**	ug/L	1.0	0.083	1		06/19/18 04:57	108-88-3	
Xylene (Total)	**511**	ug/L	3.0	0.31	1		06/19/18 04:57	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%.	75-125		1		06/19/18 04:57	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/19/18 04:57	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	75-125		1		06/19/18 04:57	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

Sample: MWR-213 **Lab ID: 10435761002** Collected: 06/13/18 16:22 Received: 06/15/18 10:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx								
TPH as Gas	**152**	ug/L	100	15.0	1		06/21/18 15:42		
Surrogates									
a,a,a-Trifluorotoluene (S)	96	%.	50-150		1		06/21/18 15:42	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead	**2.8J**	ug/L	10.0	2.0	1	06/18/18 07:52	06/18/18 13:46	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead, Dissolved	**2.6J**	ug/L	10.0	2.0	1	06/18/18 08:57	06/19/18 06:04	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**1.4**	ug/L	1.0	0.10	1		06/19/18 15:55	71-43-2	
Ethylbenzene	**2.5**	ug/L	1.0	0.14	1		06/19/18 15:55	100-41-4	
Toluene	**0.13J**	ug/L	1.0	0.083	1		06/19/18 15:55	108-88-3	B
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		06/19/18 15:55	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%.	75-125		1		06/19/18 15:55	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/19/18 15:55	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	75-125		1		06/19/18 15:55	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

Sample: TRIP BLANK **Lab ID: 10435761003** Collected: 06/13/18 00:00 Received: 06/15/18 10:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**<0.10**	ug/L	1.0	0.10	1		06/19/18 03:30	71-43-2	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%.	75-125		1		06/19/18 03:30	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		06/19/18 03:30	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	75-125		1		06/19/18 03:30	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

QC Batch: 545293 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10435761001

METHOD BLANK: 2965092 Matrix: Water
Associated Lab Samples: 10435761001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH as Gas	ug/L	15.8J	100	15.0	06/18/18 23:12	
a,a,a-Trifluorotoluene (S)	%.	92	50-150		06/18/18 23:12	

METHOD BLANK: 2965093 Matrix: Water
Associated Lab Samples: 10435761001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH as Gas	ug/L	<15.0	100	15.0	06/18/18 23:29	
a,a,a-Trifluorotoluene (S)	%.	93	50-150		06/18/18 23:29	

LABORATORY CONTROL SAMPLE & LCSD: 2965094 2965095

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	955	920	96	92	41-137	4	20	
a,a,a-Trifluorotoluene (S)	%.				100	94	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2965750 2965751

Parameter	Units	10435586001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	ug/L	ND	1000	1000	1030	925	102	92	30-145	11	30	
a,a,a-Trifluorotoluene (S)	%.						100	97	50-150			

SAMPLE DUPLICATE: 2965752

Parameter	Units	10435586002 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	<15.0		30	
a,a,a-Trifluorotoluene (S)	%.	88	86	2		

SAMPLE DUPLICATE: 2965753

Parameter	Units	10436165001 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	<15.0		30	

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

SAMPLE DUPLICATE: 2965753

Parameter	Units	10436165001 Result	Dup Result	RPD	Max RPD	Qualifiers
a,a,a-Trifluorotoluene (S)	%.	90	85	5		

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

QC Batch: 546148 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10435761002

METHOD BLANK: 2969379 Matrix: Water
Associated Lab Samples: 10435761002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH as Gas	ug/L	<15.0	100	15.0	06/21/18 15:26	
a,a,a-Trifluorotoluene (S)	%.	97	50-150		06/21/18 15:26	

LABORATORY CONTROL SAMPLE & LCSD: 2969381 2969382

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	1020	1030	102	103	41-137	2	20	
a,a,a-Trifluorotoluene (S)	%.				101	100	50-150			

SAMPLE DUPLICATE: 2969869

Parameter	Units	10435487002 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	<15.0		30	
a,a,a-Trifluorotoluene (S)	%.	90	90	1		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

QC Batch: 544856 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010 Analysis Description: 6010D Water
Associated Lab Samples: 10435761001, 10435761002

METHOD BLANK: 2962855 Matrix: Water
Associated Lab Samples: 10435761001, 10435761002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	<2.0	10.0	2.0	06/18/18 12:37	

LABORATORY CONTROL SAMPLE: 2962856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1000	1030	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2962857 2962858

Parameter	Units	10435594004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	1000	1000	1040	1040	103	104	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

QC Batch: 545097
QC Batch Method: EPA 3010
Analysis Method: EPA 6010D
Analysis Description: 6010D Water Dissolved
Associated Lab Samples: 10435761001, 10435761002

METHOD BLANK: 2964478 Matrix: Water
Associated Lab Samples: 10435761001, 10435761002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead, Dissolved	ug/L	<2.0	10.0	2.0	06/19/18 05:54	

LABORATORY CONTROL SAMPLE: 2964479

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead, Dissolved	ug/L	1000	973	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2964480 2964481

Parameter	Units	10435761001 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	<2.0	1000	1000	970	976	97	97	75-125	1	20	

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

QC Batch: 545428
QC Batch Method: EPA 8260B
Analysis Method: EPA 8260B
Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10435761001, 10435761003

METHOD BLANK: 2965776 Matrix: Water
Associated Lab Samples: 10435761001, 10435761003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	06/19/18 03:12	
Ethylbenzene	ug/L	<0.14	1.0	0.14	06/19/18 03:12	
Toluene	ug/L	<0.083	1.0	0.083	06/19/18 03:12	
Xylene (Total)	ug/L	<0.31	3.0	0.31	06/19/18 03:12	
1,2-Dichloroethane-d4 (S)	%.	93	75-125		06/19/18 03:12	
4-Bromofluorobenzene (S)	%.	95	75-125		06/19/18 03:12	
Toluene-d8 (S)	%.	99	75-125		06/19/18 03:12	

LABORATORY CONTROL SAMPLE: 2965777

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	18.8	94	75-126	
Ethylbenzene	ug/L	20	20.1	101	75-125	
Toluene	ug/L	20	19.1	96	74-125	
Xylene (Total)	ug/L	60	59.6	99	75-125	
1,2-Dichloroethane-d4 (S)	%.			93	75-125	
4-Bromofluorobenzene (S)	%.			94	75-125	
Toluene-d8 (S)	%.			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2965796 2965797

Parameter	Units	10435956001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	20	20	25.4	15.3	127	77	62-140	49	30	R1
Ethylbenzene	ug/L	ND	20	20	23.8	13.6	119	68	75-131	55	30	M1,R1
Toluene	ug/L	ND	20	20	24.2	14.6	121	73	68-132	50	30	R1
Xylene (Total)	ug/L	ND	60	60	69.2	39.1	115	65	69-135	56	30	MS,RS
1,2-Dichloroethane-d4 (S)	%.						92	89	75-125			
4-Bromofluorobenzene (S)	%.						95	96	75-125			
Toluene-d8 (S)	%.						98	96	75-125			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

QC Batch: 545524 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10435761002

METHOD BLANK: 2966134 Matrix: Water
Associated Lab Samples: 10435761002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	06/19/18 12:25	
Ethylbenzene	ug/L	<0.14	1.0	0.14	06/19/18 12:25	
Toluene	ug/L	0.11J	1.0	0.083	06/19/18 12:25	
Xylene (Total)	ug/L	<0.31	3.0	0.31	06/19/18 12:25	
1,2-Dichloroethane-d4 (S)	%.	90	75-125		06/19/18 12:25	
4-Bromofluorobenzene (S)	%.	94	75-125		06/19/18 12:25	
Toluene-d8 (S)	%.	98	75-125		06/19/18 12:25	

LABORATORY CONTROL SAMPLE: 2966135

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	18.5	92	75-126	
Ethylbenzene	ug/L	20	19.7	98	75-125	
Toluene	ug/L	20	18.5	92	74-125	
Xylene (Total)	ug/L	60	58.5	98	75-125	
1,2-Dichloroethane-d4 (S)	%.			90	75-125	
4-Bromofluorobenzene (S)	%.			97	75-125	
Toluene-d8 (S)	%.			98	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2966142 2966143

Parameter	Units	10436138001 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	13.4	18.6	67	93	62-140	33	30	R1
Ethylbenzene	ug/L	<0.14	20	20	14.6	19.7	73	99	75-131	30	30	M1
Toluene	ug/L	0.10J	20	20	13.6	19.1	68	95	68-132	33	30	R1
Xylene (Total)	ug/L	<0.31	60	60	43.0	58.9	72	98	69-135	31	30	RS
1,2-Dichloroethane-d4 (S)	%.						92	89	75-125			
4-Bromofluorobenzene (S)	%.						95	94	75-125			
Toluene-d8 (S)	%.						97	98	75-125			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
R1	RPD value was outside control limits.
RS	The RPD value in one of the constituent analytes was outside the control limits.

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METHOD CROSS REFERENCE TABLE

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10435761

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10435761001	**MWR-5**	NWTPH-Gx	545293		
10435761002	**MWR-213**	NWTPH-Gx	546148		
10435761001	**MWR-5**	EPA 3010	544856	EPA 6010D	545305
10435761002	**MWR-213**	EPA 3010	544856	EPA 6010D	545305
10435761001	**MWR-5**	EPA 3010	545097	EPA 6010D	545314
10435761002	**MWR-213**	EPA 3010	545097	EPA 6010D	545314
10435761001	**MWR-5**	EPA 8260B	545428		
10435761002	**MWR-213**	EPA 8260B	545524		
10435761003	**TRIP BLANK**	EPA 8260B	545428		

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CHAIN-OF-CUSTODY / Analytical Request D

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

WO# : 10435761

10435761

2210900

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: ATC	Report To: Elisabeth Silver	Attention: Elisabeth Silver
Address: 6347 Seaview Ave NW Seattle, WA	Copy To:	Company Name: ATC
Email To: ~~brianne.goul~~	Purchase Order No.:	Address: 6347 Seaview Ave. NW
Phone: (206) 781-1449 Fax:	Project Name: AOC 1396 - Westlake Mercer	Pace Quote Reference:
Requested Due Date/TAT: Standard	Project Number: Z07600073	Pace Project Manager:
		Pace Profile #: 32376 #2

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: WA

Section D Required Client Information

Matrix Codes — MATRIX / CODE

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

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	NWTPH-Gx	BTEX	Total Lead	Dissolved Lead (Field Filtered)	Benzene	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MWR-5	WT		06/13/18	1507				8			2	6						X	X	X	X			001
2	MW-213	WT		↓	1622				8			2	6						X	X	X	X			002
3	TRIP BLANK																						X		003
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	B. Goulet / ATC	06/14/18	08:34	PACE	6/14/18	1330	5 Y Y Y
		6/14	1700	Pace	6/15/18	0700	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brianne Goulet

SIGNATURE of SAMPLER: B. Goulet DATE Signed (MM/DD/YY): 06/14/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 02May2018 Page 1 of 2
	Document No.: **F-MN-L-213-rev.23**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ATC

Project #: WO#: 10435761

PM: JMG Due Date: 06/22/18

CLIENT: P66_CarWA

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client

☐ Commercial ☐ Pace ☐ SpeeDee ☐ Other:

Tracking Number: 7975 9640 7562

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

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other:

Temp Blank? ☑ Yes ☐ No

Thermometer Used: ☐ G87A9170600254 ☑ G87A9155100842

Type of Ice: ☑ Wet ☐ Blue ☐ None ☐ Dry ☐ Melted

Cooler Temp Read (°C): 5 **Cooler Temp Corrected (°C):** 5

Temp should be above freezing to 6°C **Correction Factor:** True

Biological Tissue Frozen? ☐ Yes ☑ No ☐ N/A

Date and Initials of Person Examining Contents: 6/15/18, LJ

USDA Regulated Soil (☐ N/A, water sample)

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

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

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

				COMMENTS:
Chain of Custody Present?	☑ Yes	☐ No		1.
Chain of Custody Filled Out?	☑ Yes	☐ No		2.
Chain of Custody Relinquished?	☑ Yes	☐ No		3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No		6.
Rush Turn Around Time Requested?	☐ Yes	☑ No		7.
Sufficient Volume?	☑ Yes	☐ No		8.
Correct Containers Used?	☑ Yes	☐ No		9.
-Pace Containers Used?	☑ Yes	☐ No		
Containers Intact? JMG	☑ Yes	☐ No		10.
Filtered Volume Received for Dissolved Tests? 061518	☒ Yes	☐ No	☐ N/A	11. Note if sediment is visible in the dissolved container
Is sufficient information available to reconcile the samples to the COC? Matrix: W	☑ Yes	☐ No		12.
All containers needing acid/base preservation have been checked?	☑ Yes	☐ No	☐ N/A	13. ☑ HNO_3 ☐ H_2SO_4 ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, <2pH, NaOH >9 Sulfide, NaOH>12 Cyanide)	☑ Yes	☐ No	☐ N/A	Sample # 1-2,2/2
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS	☐ Yes	☐ No	☑ N/A	Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☑ Yes	☐ No	☐ N/A	14. MW-213 1/6 less than 6mm
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	
Pace Trip Blank Lot # (if purchased): 163526				

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

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Jenni Gross **Date:** 06/15/18

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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

January 21, 2019

Elisabeth Silver
ATC Group Services LLC
6347 Seaview Ave NW
Seattle, WA 98107

RE: Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Dear Elisabeth Silver:
Enclosed are the analytical results for sample(s) received by the laboratory on January 08, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

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

Enclosures

cc: Brianne Goulet, ATC Group Services LLC

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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CERTIFICATIONS

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

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SAMPLE SUMMARY

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10460747001	**MWR-5**	Water	01/03/19 13:45	01/08/19 09:50
10460747002	**MW-45**	Water	01/03/19 14:50	01/08/19 09:50
10460747003	**MW-211**	Water	01/04/19 09:05	01/08/19 09:50
10460747004	**MW-213**	Water	01/04/19 11:30	01/08/19 09:50
10460747005	**MW-215**	Water	01/04/19 10:50	01/08/19 09:50
10460747006	**MW-216**	Water	01/03/19 10:05	01/08/19 09:50
10460747007	**MW-217**	Water	01/03/19 10:55	01/08/19 09:50
10460747008	**MW-218**	Water	01/03/19 11:50	01/08/19 09:50
10460747009	**Trip Blank**	Water	01/04/19 00:00	01/08/19 09:50

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SAMPLE ANALYTE COUNT

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10460747001	**MWR-5**	NWTPH-Gx	AJR	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260B	DS2	7	PASI-M
10460747002	**MW-45**	NWTPH-Gx	AJR	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260B	AN	7	PASI-M
10460747003	**MW-211**	NWTPH-Gx	AJR	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260B	MJD	7	PASI-M
10460747004	**MW-213**	NWTPH-Gx	AJR	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260B	MJD	7	PASI-M
10460747005	**MW-215**	NWTPH-Gx	AJR	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260B	MJD	7	PASI-M
10460747006	**MW-216**	NWTPH-Gx	AJR	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260B	AN	7	PASI-M
10460747007	**MW-217**	NWTPH-Gx	AJR	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260B	AN	7	PASI-M
10460747008	**MW-218**	NWTPH-Gx	AJR	2	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 6010D	DM	1	PASI-M
		EPA 8260B	AN	7	PASI-M
10460747009	**Trip Blank**	EPA 8260B	MJD	4	PASI-M

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ANALYTICAL RESULTS

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Sample: MWR-5 **Lab ID: 10460747001** Collected: 01/03/19 13:45 Received: 01/08/19 09:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx								
TPH as Gas	**43000**	ug/L	1000	196	10		01/18/19 17:27		G+,H1
Surrogates									
a,a,a-Trifluorotoluene (S)	80	%.	50-150		10		01/18/19 17:27	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead	**<2.0**	ug/L	10.0	2.0	1	01/09/19 05:55	01/10/19 12:06	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead, Dissolved	**<2.0**	ug/L	10.0	2.0	1	01/09/19 06:36	01/11/19 12:26	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**20.9**	ug/L	1.0	0.10	1		01/08/19 23:44	71-43-2	
Ethylbenzene	**1180**	ug/L	25.0	3.4	25		01/10/19 12:45	100-41-4	M1
Toluene	**7.9**	ug/L	1.0	0.083	1		01/08/19 23:44	108-88-3	
Xylene (Total)	**4280**	ug/L	75.0	7.7	25		01/10/19 12:45	1330-20-7	MS
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%.	75-125		1		01/08/19 23:44	17060-07-0	
Toluene-d8 (S)	87	%.	75-125		1		01/08/19 23:44	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	75-125		1		01/08/19 23:44	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Sample: MW-45 **Lab ID: 10460747002** Collected: 01/03/19 14:50 Received: 01/08/19 09:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx								
TPH as Gas	**1230**	ug/L	100	19.6	1		01/18/19 16:37		G+,H1
Surrogates									
a,a,a-Trifluorotoluene (S)	82	%.	50-150		1		01/18/19 16:37	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead	**<2.0**	ug/L	10.0	2.0	1	01/09/19 05:55	01/10/19 12:25	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead, Dissolved	**2.1J**	ug/L	10.0	2.0	1	01/09/19 06:36	01/11/19 12:28	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**1.4**	ug/L	1.0	0.10	1		01/10/19 15:51	71-43-2	
Ethylbenzene	**34.1**	ug/L	1.0	0.14	1		01/10/19 15:51	100-41-4	
Toluene	**0.51J**	ug/L	1.0	0.083	1		01/10/19 15:51	108-88-3	
Xylene (Total)	**5.6**	ug/L	3.0	0.31	1		01/10/19 15:51	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%.	75-125		1		01/10/19 15:51	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		01/10/19 15:51	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		01/10/19 15:51	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Sample: MW-211 **Lab ID: 10460747003** Collected: 01/04/19 09:05 Received: 01/08/19 09:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx								
TPH as Gas	**<19.6**	ug/L	100	19.6	1		01/18/19 14:04		
Surrogates									
a,a,a-Trifluorotoluene (S)	88	%.	50-150		1		01/18/19 14:04	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead	**<2.0**	ug/L	10.0	2.0	1	01/09/19 05:55	01/10/19 12:28	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead, Dissolved	**<2.0**	ug/L	10.0	2.0	1	01/09/19 06:36	01/11/19 12:29	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**<0.10**	ug/L	1.0	0.10	1		01/14/19 23:09	71-43-2	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		01/14/19 23:09	100-41-4	
Toluene	**<0.083**	ug/L	1.0	0.083	1		01/14/19 23:09	108-88-3	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		01/14/19 23:09	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%.	75-125		1		01/14/19 23:09	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1		01/14/19 23:09	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		01/14/19 23:09	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Sample: MW-213 **Lab ID: 10460747004** Collected: 01/04/19 11:30 Received: 01/08/19 09:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx								
TPH as Gas	**<19.6**	ug/L	100	19.6	1		01/18/19 14:21		
Surrogates									
a,a,a-Trifluorotoluene (S)	81	%.	50-150		1		01/18/19 14:21	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead	**<2.0**	ug/L	10.0	2.0	1	01/09/19 05:55	01/10/19 12:31	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead, Dissolved	**<2.0**	ug/L	10.0	2.0	1	01/09/19 06:36	01/11/19 12:31	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**<0.10**	ug/L	1.0	0.10	1		01/13/19 22:33	71-43-2	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		01/13/19 22:33	100-41-4	
Toluene	**<0.083**	ug/L	1.0	0.083	1		01/13/19 22:33	108-88-3	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		01/13/19 22:33	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-125		1		01/13/19 22:33	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		01/13/19 22:33	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1		01/13/19 22:33	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Sample: MW-215 **Lab ID: 10460747005** Collected: 01/04/19 10:50 Received: 01/08/19 09:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx								
TPH as Gas	**<19.6**	ug/L	100	19.6	1		01/18/19 14:38		HS
Surrogates									
a,a,a-Trifluorotoluene (S)	80	%.	50-150		1		01/18/19 14:38	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead	**<2.0**	ug/L	10.0	2.0	1	01/09/19 05:55	01/10/19 12:34	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead, Dissolved	**<2.0**	ug/L	10.0	2.0	1	01/09/19 06:36	01/11/19 12:33	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**<0.10**	ug/L	1.0	0.10	1		01/14/19 22:52	71-43-2	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		01/14/19 22:52	100-41-4	
Toluene	**<0.083**	ug/L	1.0	0.083	1		01/14/19 22:52	108-88-3	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		01/14/19 22:52	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%.	75-125		1		01/14/19 22:52	17060-07-0	
Toluene-d8 (S)	98	%.	75-125		1		01/14/19 22:52	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		01/14/19 22:52	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Sample: MW-216 **Lab ID: 10460747006** Collected: 01/03/19 10:05 Received: 01/08/19 09:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx								
TPH as Gas	**<19.6**	ug/L	100	19.6	1		01/18/19 16:54		H1
Surrogates									
a,a,a-Trifluorotoluene (S)	81	%.	50-150		1		01/18/19 16:54	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead	**<2.0**	ug/L	10.0	2.0	1	01/09/19 05:55	01/10/19 12:37	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead, Dissolved	**<2.0**	ug/L	10.0	2.0	1	01/09/19 06:36	01/11/19 12:34	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**<0.10**	ug/L	1.0	0.10	1		01/10/19 19:59	71-43-2	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		01/10/19 19:59	100-41-4	
Toluene	**0.20J**	ug/L	1.0	0.083	1		01/10/19 19:59	108-88-3	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		01/10/19 19:59	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%.	75-125		1		01/10/19 19:59	17060-07-0	
Toluene-d8 (S)	95	%.	75-125		1		01/10/19 19:59	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1		01/10/19 19:59	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Sample: MW-217 **Lab ID: 10460747007** Collected: 01/03/19 10:55 Received: 01/08/19 09:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx								
TPH as Gas	**229**	ug/L	100	19.6	1		01/18/19 15:12		H1
Surrogates									
a,a,a-Trifluorotoluene (S)	81	%.	50-150		1		01/18/19 15:12	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead	**<2.0**	ug/L	10.0	2.0	1	01/09/19 05:55	01/10/19 12:39	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead, Dissolved	**<2.0**	ug/L	10.0	2.0	1	01/09/19 06:36	01/11/19 12:36	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**0.20J**	ug/L	1.0	0.10	1		01/10/19 23:22	71-43-2	
Ethylbenzene	**1.1**	ug/L	1.0	0.14	1		01/10/19 23:22	100-41-4	
Toluene	**19.3**	ug/L	1.0	0.083	1		01/10/19 23:22	108-88-3	
Xylene (Total)	**3.1**	ug/L	3.0	0.31	1		01/10/19 23:22	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%.	75-125		1		01/10/19 23:22	17060-07-0	
Toluene-d8 (S)	97	%.	75-125		1		01/10/19 23:22	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1		01/10/19 23:22	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Sample: MW-218 **Lab ID: 10460747008** Collected: 01/03/19 11:50 Received: 01/08/19 09:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx								
TPH as Gas	**104**	ug/L	100	19.6	1		01/18/19 17:11		H1
Surrogates									
a,a,a-Trifluorotoluene (S)	81	%.	50-150		1		01/18/19 17:11	98-08-8	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead	**<2.0**	ug/L	10.0	2.0	1	01/09/19 05:55	01/10/19 12:42	7439-92-1	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010								
Lead, Dissolved	**<2.0**	ug/L	10.0	2.0	1	01/09/19 06:36	01/11/19 12:38	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**<0.10**	ug/L	1.0	0.10	1		01/12/19 13:00	71-43-2	R1
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		01/12/19 13:00	100-41-4	R1
Toluene	**0.78J**	ug/L	1.0	0.083	1		01/12/19 13:00	108-88-3	R1
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		01/12/19 13:00	1330-20-7	RS
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%.	75-125		1		01/12/19 13:00	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		01/12/19 13:00	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1		01/12/19 13:00	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(612)607-1700

ANALYTICAL RESULTS

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Sample: Trip Blank **Lab ID: 10460747009** Collected: 01/04/19 00:00 Received: 01/08/19 09:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV UST	Analytical Method: EPA 8260B								
Benzene	**<0.10**	ug/L	1.0	0.10	1		01/14/19 22:01	71-43-2	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-125		1		01/14/19 22:01	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		01/14/19 22:01	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-125		1		01/14/19 22:01	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(612)607-1700

QUALITY CONTROL DATA

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

QC Batch: 584505 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10460747001, 10460747002, 10460747003, 10460747004, 10460747005, 10460747006, 10460747007, 10460747008

METHOD BLANK: 3166863 Matrix: Water
Associated Lab Samples: 10460747001, 10460747002, 10460747003, 10460747004, 10460747005, 10460747006, 10460747007, 10460747008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
TPH as Gas	ug/L	<19.6	100	19.6	01/18/19 13:47	
a,a,a-Trifluorotoluene (S)	%.	82	50-150		01/18/19 13:47	

LABORATORY CONTROL SAMPLE & LCSD: 3166865 3166866

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	972	977	97	98	75-125	1	20	
a,a,a-Trifluorotoluene (S)	%.				101	95	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3174798 3174799

Parameter	Units	10460747007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	ug/L	229	1000	1000	1190	1190	96	96	75-125	0	30	H1
a,a,a-Trifluorotoluene (S)	%.						96	96	50-150			

SAMPLE DUPLICATE: 3174884

Parameter	Units	10460747004 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	<19.6	<19.6		30	
a,a,a-Trifluorotoluene (S)	%.	81	87	7		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

QC Batch: 584540 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010 Analysis Description: 6010D Water
Associated Lab Samples: 10460747001, 10460747002, 10460747003, 10460747004, 10460747005, 10460747006, 10460747007, 10460747008

METHOD BLANK: 3167075 Matrix: Water
Associated Lab Samples: 10460747001, 10460747002, 10460747003, 10460747004, 10460747005, 10460747006, 10460747007, 10460747008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	<2.0	10.0	2.0	01/10/19 12:00	

LABORATORY CONTROL SAMPLE: 3167076

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3167077 3167078

Parameter	Units	10460747001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	<2.0	1000	1000	986	1000	99	100	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

QC Batch: 584535 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010 Analysis Description: 6010D Water Dissolved
Associated Lab Samples: 10460747001, 10460747002, 10460747003, 10460747004, 10460747005, 10460747006, 10460747007, 10460747008

METHOD BLANK: 3167061 Matrix: Water
Associated Lab Samples: 10460747001, 10460747002, 10460747003, 10460747004, 10460747005, 10460747006, 10460747007, 10460747008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead, Dissolved	ug/L	<2.0	10.0	2.0	01/11/19 12:04	

LABORATORY CONTROL SAMPLE: 3167062

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead, Dissolved	ug/L	1000	1010	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3167063 3167064

Parameter	Units	10460776002 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	ND	1000	1000	1010	1010	100	101	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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(612)607-1700

QUALITY CONTROL DATA

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

QC Batch: 584511 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10460747001

METHOD BLANK: 3166892 Matrix: Water
Associated Lab Samples: 10460747001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	01/08/19 21:46	
Ethylbenzene	ug/L	<0.14	1.0	0.14	01/08/19 21:46	
Toluene	ug/L	<0.083	1.0	0.083	01/08/19 21:46	
Xylene (Total)	ug/L	<0.31	3.0	0.31	01/08/19 21:46	
1,2-Dichloroethane-d4 (S)	%.	99	75-125		01/08/19 21:46	
4-Bromofluorobenzene (S)	%.	92	75-125		01/08/19 21:46	
Toluene-d8 (S)	%.	96	75-125		01/08/19 21:46	

LABORATORY CONTROL SAMPLE: 3166893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.7	103	75-125	
Ethylbenzene	ug/L	50	48.5	97	75-125	
Toluene	ug/L	50	51.7	103	75-125	
Xylene (Total)	ug/L	150	143	95	75-125	
1,2-Dichloroethane-d4 (S)	%.			94	75-125	
4-Bromofluorobenzene (S)	%.			97	75-125	
Toluene-d8 (S)	%.			98	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3166968 3166969

Parameter	Units	10460747001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	20.9	20	20	42.3	41.3	107	102	30-150	2	30	
Ethylbenzene	ug/L	1180	20	20	280	290	-4500	-4450	30-150	3	30	E,M1
Toluene	ug/L	7.9	20	20	29.2	31.6	107	118	30-150	8	30	
Xylene (Total)	ug/L	4280	60	60	1140	1180	-5240	-5170	30-150	4	30	ES,MS
1,2-Dichloroethane-d4 (S)	%.						95	91	75-125			
4-Bromofluorobenzene (S)	%.						102	77	75-125			
Toluene-d8 (S)	%.						100	111	75-125			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(612)607-1700

QUALITY CONTROL DATA

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

QC Batch: 584821 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10460747002

METHOD BLANK: 3168121 Matrix: Water
Associated Lab Samples: 10460747002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	01/10/19 11:54	
Ethylbenzene	ug/L	<0.14	1.0	0.14	01/10/19 11:54	
Toluene	ug/L	<0.083	1.0	0.083	01/10/19 11:54	
Xylene (Total)	ug/L	<0.31	3.0	0.31	01/10/19 11:54	
1,2-Dichloroethane-d4 (S)	%.	97	75-125		01/10/19 11:54	
4-Bromofluorobenzene (S)	%.	105	75-125		01/10/19 11:54	
Toluene-d8 (S)	%.	84	75-125		01/10/19 11:54	

LABORATORY CONTROL SAMPLE: 3168122

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	19.0	95	75-125	
Ethylbenzene	ug/L	20	19.8	99	75-125	
Toluene	ug/L	20	19.4	97	75-125	
Xylene (Total)	ug/L	60	57.9	96	75-125	
1,2-Dichloroethane-d4 (S)	%.			96	75-125	
4-Bromofluorobenzene (S)	%.			101	75-125	
Toluene-d8 (S)	%.			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3168135 3168136

Parameter	Units	10460669015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.00010 mg/L	20	20	17.8	17.6	89	88	30-150	1	30	
Ethylbenzene	ug/L	<0.14	20	20	18.5	18.3	92	92	30-150	1	30	
Toluene	ug/L	<0.083	20	20	19.2	17.4	96	87	30-150	10	30	
Xylene (Total)	ug/L	<0.31	60	60	52.6	52.8	88	88	30-150	0	30	
1,2-Dichloroethane-d4 (S)	%.						93	92	75-125			
4-Bromofluorobenzene (S)	%.						101	106	75-125			
Toluene-d8 (S)	%.						106	97	75-125			

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REPORT OF LABORATORY ANALYSIS

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(612)607-1700

QUALITY CONTROL DATA

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

QC Batch: 584881 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10460747006, 10460747007

METHOD BLANK: 3168291 Matrix: Water
Associated Lab Samples: 10460747006, 10460747007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	01/10/19 18:52	
Ethylbenzene	ug/L	<0.14	1.0	0.14	01/10/19 18:52	
Toluene	ug/L	<0.083	1.0	0.083	01/10/19 18:52	
Xylene (Total)	ug/L	<0.31	3.0	0.31	01/10/19 18:52	
1,2-Dichloroethane-d4 (S)	%.	97	75-125		01/10/19 18:52	
4-Bromofluorobenzene (S)	%.	94	75-125		01/10/19 18:52	
Toluene-d8 (S)	%.	103	75-125		01/10/19 18:52	

LABORATORY CONTROL SAMPLE: 3168292

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	17.5	88	75-125	
Ethylbenzene	ug/L	20	18.9	95	75-125	
Toluene	ug/L	20	18.1	90	75-125	
Xylene (Total)	ug/L	60	55.2	92	75-125	
1,2-Dichloroethane-d4 (S)	%.			99	75-125	
4-Bromofluorobenzene (S)	%.			100	75-125	
Toluene-d8 (S)	%.			97	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3168873 3168874

Parameter	Units	10460747006 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	18.1	19.0	91	95	30-150	5	30	
Ethylbenzene	ug/L	<0.14	20	20	18.7	19.2	93	96	30-150	3	30	
Toluene	ug/L	0.20J	20	20	17.7	19.2	87	95	30-150	8	30	
Xylene (Total)	ug/L	<0.31	60	60	53.7	55.9	90	93	30-150	4	30	
1,2-Dichloroethane-d4 (S)	%.						96	93	75-125			
4-Bromofluorobenzene (S)	%.						124	105	75-125			
Toluene-d8 (S)	%.						94	100	75-125			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

QC Batch: 585222
QC Batch Method: EPA 8260B
Analysis Method: EPA 8260B
Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10460747008

METHOD BLANK: 3170266 Matrix: Water
Associated Lab Samples: 10460747008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	01/12/19 12:26	
Ethylbenzene	ug/L	<0.14	1.0	0.14	01/12/19 12:26	
Toluene	ug/L	<0.083	1.0	0.083	01/12/19 12:26	
Xylene (Total)	ug/L	<0.31	3.0	0.31	01/12/19 12:26	
1,2-Dichloroethane-d4 (S)	%.	100	75-125		01/12/19 12:26	
4-Bromofluorobenzene (S)	%.	103	75-125		01/12/19 12:26	
Toluene-d8 (S)	%.	103	75-125		01/12/19 12:26	

LABORATORY CONTROL SAMPLE: 3170267

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	17.1	85	75-125	
Ethylbenzene	ug/L	20	18.3	91	75-125	
Toluene	ug/L	20	16.5	82	75-125	
Xylene (Total)	ug/L	60	53.2	89	75-125	
1,2-Dichloroethane-d4 (S)	%.			97	75-125	
4-Bromofluorobenzene (S)	%.			98	75-125	
Toluene-d8 (S)	%.			100	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3170268 3170269

Parameter	Units	10460747008 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	15.6	9.6	78	48	30-150	47	30	R1
Ethylbenzene	ug/L	<0.14	20	20	17.3	10.3	86	51	30-150	50	30	R1
Toluene	ug/L	0.78J	20	20	17.2	10.5	82	49	30-150	48	30	R1
Xylene (Total)	ug/L	<0.31	60	60	49.5	30.1	82	50	30-150	49	30	RS
1,2-Dichloroethane-d4 (S)	%.						98	97	75-125			
4-Bromofluorobenzene (S)	%.						105	100	75-125			
Toluene-d8 (S)	%.						107	102	75-125			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

QC Batch: 585243 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10460747004

METHOD BLANK: 3170408 Matrix: Water
Associated Lab Samples: 10460747004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	01/13/19 22:16	
Ethylbenzene	ug/L	<0.14	1.0	0.14	01/13/19 22:16	
Toluene	ug/L	<0.083	1.0	0.083	01/13/19 22:16	
Xylene (Total)	ug/L	<0.31	3.0	0.31	01/13/19 22:16	
1,2-Dichloroethane-d4 (S)	%.	102	75-125		01/13/19 22:16	
4-Bromofluorobenzene (S)	%.	108	75-125		01/13/19 22:16	
Toluene-d8 (S)	%.	106	75-125		01/13/19 22:16	

LABORATORY CONTROL SAMPLE: 3170409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	21.3	106	75-125	
Ethylbenzene	ug/L	20	21.3	106	75-125	
Toluene	ug/L	20	20.8	104	75-125	
Xylene (Total)	ug/L	60	60.8	101	75-125	
1,2-Dichloroethane-d4 (S)	%.			105	75-125	
4-Bromofluorobenzene (S)	%.			96	75-125	
Toluene-d8 (S)	%.			103	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3170410 3170411

Parameter	Units	10460747004 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	20.2	21.2	101	106	30-150	5	30	
Ethylbenzene	ug/L	<0.14	20	20	19.7	21.1	98	105	30-150	7	30	
Toluene	ug/L	<0.083	20	20	19.2	20.5	96	102	30-150	6	30	
Xylene (Total)	ug/L	<0.31	60	60	57.8	60.6	96	101	30-150	5	30	
1,2-Dichloroethane-d4 (S)	%.						103	100	75-125			
4-Bromofluorobenzene (S)	%.						101	102	75-125			
Toluene-d8 (S)	%.						101	101	75-125			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

QC Batch: 585454 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10460747003, 10460747005, 10460747009

METHOD BLANK: 3171333 Matrix: Water
Associated Lab Samples: 10460747003, 10460747005, 10460747009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	<0.10	1.0	0.10	01/14/19 20:36	
Ethylbenzene	ug/L	<0.14	1.0	0.14	01/14/19 20:36	
Toluene	ug/L	<0.083	1.0	0.083	01/14/19 20:36	
Xylene (Total)	ug/L	<0.31	3.0	0.31	01/14/19 20:36	
1,2-Dichloroethane-d4 (S)	%.	103	75-125		01/14/19 20:36	
4-Bromofluorobenzene (S)	%.	97	75-125		01/14/19 20:36	
Toluene-d8 (S)	%.	98	75-125		01/14/19 20:36	

LABORATORY CONTROL SAMPLE: 3171334

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	20.3	101	75-125	
Ethylbenzene	ug/L	20	20.1	101	75-125	
Toluene	ug/L	20	19.2	96	75-125	
Xylene (Total)	ug/L	60	60.2	100	75-125	
1,2-Dichloroethane-d4 (S)	%.			100	75-125	
4-Bromofluorobenzene (S)	%.			97	75-125	
Toluene-d8 (S)	%.			101	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3171343 3171344

Parameter	Units	10460747005 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	19.6	19.8	98	99	30-150	1	30	
Ethylbenzene	ug/L	<0.14	20	20	19.2	19.7	96	98	30-150	3	30	
Toluene	ug/L	<0.083	20	20	18.5	18.6	93	93	30-150	1	30	
Xylene (Total)	ug/L	<0.31	60	60	56.1	55.9	94	93	30-150	0	30	
1,2-Dichloroethane-d4 (S)	%.						97	99	75-125			
4-Bromofluorobenzene (S)	%.						98	98	75-125			
Toluene-d8 (S)	%.						101	101	75-125			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
ES	The reported result is estimated because one or more of the constituent results are qualified as such.
G+	Late peaks present outside the GRO window.
H1	Analysis conducted outside the recognized method holding time.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
R1	RPD value was outside control limits.
RS	The RPD value in one of the constituent analytes was outside the control limits.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

METHOD CROSS REFERENCE TABLE

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Z076000073 P66-AOC 1396
Pace Project No.: 10460747

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10460747001	**MWR-5**	NWTPH-Gx	584505		
10460747002	**MW-45**	NWTPH-Gx	584505		
10460747003	**MW-211**	NWTPH-Gx	584505		
10460747004	**MW-213**	NWTPH-Gx	584505		
10460747005	**MW-215**	NWTPH-Gx	584505		
10460747006	**MW-216**	NWTPH-Gx	584505		
10460747007	**MW-217**	NWTPH-Gx	584505		
10460747008	**MW-218**	NWTPH-Gx	584505		
10460747001	**MWR-5**	EPA 3010	584540	EPA 6010D	584649
10460747002	**MW-45**	EPA 3010	584540	EPA 6010D	584649
10460747003	**MW-211**	EPA 3010	584540	EPA 6010D	584649
10460747004	**MW-213**	EPA 3010	584540	EPA 6010D	584649
10460747005	**MW-215**	EPA 3010	584540	EPA 6010D	584649
10460747006	**MW-216**	EPA 3010	584540	EPA 6010D	584649
10460747007	**MW-217**	EPA 3010	584540	EPA 6010D	584649
10460747008	**MW-218**	EPA 3010	584540	EPA 6010D	584649
10460747001	**MWR-5**	EPA 3010	584535	EPA 6010D	584699
10460747002	**MW-45**	EPA 3010	584535	EPA 6010D	584699
10460747003	**MW-211**	EPA 3010	584535	EPA 6010D	584699
10460747004	**MW-213**	EPA 3010	584535	EPA 6010D	584699
10460747005	**MW-215**	EPA 3010	584535	EPA 6010D	584699
10460747006	**MW-216**	EPA 3010	584535	EPA 6010D	584699
10460747007	**MW-217**	EPA 3010	584535	EPA 6010D	584699
10460747008	**MW-218**	EPA 3010	584535	EPA 6010D	584699
10460747001	**MWR-5**	EPA 8260B	584511		
10460747002	**MW-45**	EPA 8260B	584821		
10460747003	**MW-211**	EPA 8260B	585454		
10460747004	**MW-213**	EPA 8260B	585243		
10460747005	**MW-215**	EPA 8260B	585454		
10460747006	**MW-216**	EPA 8260B	584881		
10460747007	**MW-217**	EPA 8260B	584881		
10460747008	**MW-218**	EPA 8260B	585222		
10460747009	**Trip Blank**	EPA 8260B	585454		

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

2286444

Section A Required Client Information:

Company: ATC Group Services LLC
Address: 6347 Seaview Ave. NW
Seattle, WA 98107
Email To: Elisabeth.Silver@atcgs.com
Phone: (206) 781-1449 Fax:
Requested Due Date/TAT: standard

Section B Required Project Information:

Report To: E. Silver
Copy To: B. Goulet
Purchase Order No.:
Project Name: P66 - AOC 1396
Project Number: 2076000073

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 39525 line 2

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WA

Section D Required Client Information

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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: Gx	BTEX	Total Lead	Diss. Lead (FIELD FILTERED)	Benzene	Resid	Pace Project No./ Lab I.D.
1	MWR-5			1/3/19	1345				8			2	6					X	X	X	X			001
2	MW-45			↓	1450				8			2	6					X	X	X	X			002
3	MW-211			1/4/19	0905				8			2	6					X	X	X	X			003
4	MW-213				1130				8			2	6					X	X	X	X			004
5	MW-215			↓	1056				8			2	6					X	X	X	X			005
6	MW-216			1/3/19	1005				8			2	6					X	X	X	X			006
7	MW-217				1055				8			2	6					X	X	X	X			007
8	MW-218			↓	1150				8			2	6					X	X	X	X			008
9	~~MW-219~~																							~~009~~
10	~~SMW-3~~																							~~004~~
11	~~TRIP BLANK~~			1/4/19					4			4										X		009
12																								

WO#: 10460747

10460747

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Lawrence Brown / ATC	1/7/18	1310	[signature] PACE	1/7/18	1310	F Y N Y
	Michael Lair PACE	1-7-19	170	[signature] Pace	1/8/18	950	0 Y Y Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brianne Goulet

SIGNATURE of SAMPLER: B. Goulet DATE Signed (MM/DD/YY): 1/4/19

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

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

Pace Analytical	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 31Oct2018 Page 1 of 2
	Document No.: **F-MN-L-213-rev.24**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ATC Group Services LLC

Project #: **WO#: 10460747**

PM: JMG **Due Date: 01/21/19**

CLIENT: P66_CarWA

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ SpeeDee ☐ Other:_____

Tracking Number: 749793967492

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

Optional: Proj. Due Date: Proj. Name:

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

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

Cooler Temp Read (°C): 0.0 **Cooler Temp Corrected (°C):** 0.0 **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Temp should be above freezing to 6°C **Correction Factor:** TNC **Date and Initials of Person Examining Contents:** TL 1/8/19

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

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

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

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

				COMMENTS:
Chain of Custody Present?	☑ Yes	☐ No		1.
Chain of Custody Filled Out?	☑ Yes	☐ No		2.
Chain of Custody Relinquished?	☑ Yes	☐ No		3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No		6.
Rush Turn Around Time Requested?	☐ Yes	☑ No		7.
Sufficient Volume? TL 1/8/19	☑ Yes	☐ No		8. see SVI Exceptions
Correct Containers Used?	☑ Yes	☐ No		9.
-Pace Containers Used?	☑ Yes	☐ No		
Containers Intact?	☑ Yes	☐ No		10.
Filtered Volume Received for Dissolved Tests?	☑ Yes	☐ No	☐ N/A	11. Note if sediment is visible in the dissolved container
Is sufficient information available to reconcile the samples to the COC? Matrix: WT	☑ Yes	☐ No		12.
All containers needing acid/base preservation have been checked?	☑ Yes	☐ No	☐ N/A	13. ☑ HNO_3 ☐ H_2SO_4 ☐ NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, <2pH, NaOH >9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS	☑ Yes	☐ No	☐ N/A	Sample # 1-8 2/2
	☑ Yes	☐ No	☐ N/A	Initial when completed:_____ Lot # of added preservative:_____
Headspace in VOA Vials (>6mm)?	☑ Yes	☐ No	☐ N/A	14.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	
Pace Trip Blank Lot # (if purchased): 190077				

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

Person Contacted:_____ Date/Time:_____

Comments/Resolution:_____

Project Manager Review: Jenni Gross **Date:** 01/09/19

Note: Whenever there is a discrepancy affecting North Car…s, 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: TL

Pace Analytical	Document Name: **Headspace Exception**	Document Revised: 17Dec2018 Page 1 of 1
	Document No.: **F-MN-C-276-Rev.01**	Issuing Authority: Pace Minnesota Quality Office

Sample ID	Headspace greater than 6mm	Headspace less than 6mm	No Headspace	Total Vials	Sediment Present?
MWR-5	0	4	2	6	N
MW-211	0	5	1	6	N
MW-215	0	5	1	6	N
MW-214	0	1	5	6	N
MW-218	4	2	0	6	N
Trip Blank	0	2	2	4	N

SCUR Exceptions: **Workorder #:** 10460747

Issue	Sample ID	Container Type/#
1 empty container	MW-21	VG9H/1

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH Upon Receipt	Date Preservation Adjusted	Time Preservation Adjusted	Amount of Additional Preservative Added	Lot # of Preservative Added	pH After Adjustment	Initials

APPENDIX B

FIELD NOTES / GROUNDWATER GAUGING & SAMPLING LOGS

Field Report

FLD-100
Revision 1.0
6/1/2016

ATC Branch: Seattle, WA	Date: ~~06-2~~ 06-13-18	Page 1 of 2
ATC Representative(s): B. Goulet	Project: AOC 1396 - Westlake + Mercer	
Role: Field Geologist	Location: 600 Westlake Ave. N.	
Contact Information: (206) 781-1449	Project No: Z07600073	Task No:
Scope of Work:	Weather: Overcast/Rain	Temperature: 65
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: N/A	

Time:	Comments:
11:30	Arrived on site, tailgate safety meeting ~~revised~~ Reviewed HASP and JSA.
11:55	moved to MW-215, Open well and started gauging.
11:59	open well, take DTW measurement
12:05	moved to MW-213, Opened MW-213
12:08	Done measuring / gauging MW-213
12:30	located MW R-6, opened well @ 12:35 and gauged. Construction area covered by construction equipment all over, difficult to locate wells.
12:40	moved to MW-1, it is currently under construction container, not accessible.
2:00	Opened MW-5 (now under the wood cutting shed The Construction Crew had to move pile of timber and metal blocks to uncover the well. / looking for the well

Equipment Used:

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

Field Report

FLD-100
Revision 0.0
Jul-08

ATC Branch: **Seattle (10282)**	Date: 06-13-18	Page 2 of 2
ATC Representative(s): B. Goulet	Project: AOC 13916	
Role: Field Geologist	Location: 600 Westlake Ave. N.	
Contact Information: **206-781-1449**	Project No: Z07600007S	Phase:
Scope of Work:	Weather: Overcast	Temperature:
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: N/A	

Time:	Comments:
15:45	Started purging MW-5
15:35	Finished sampling MW-5
15:45	moved to MW 213
15:50	Set up excussion zone using 3 cones and one side of the car
15:55	Open MW 213, set up pump tubing and
16:00	started purging MW-213
16:20	Started sampling MW-213
16:30	finished Sampling, started to pack equipment on the truck
16:50	put purge water drum back to the clean up site compound
17:00	Set back to office.

Equipment Used:

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

Field Report

FLD-100
Revision 0.0
Jul-08

ATC Branch: **Seattle (10282)**	Date: 06-13-18	Page 1 of 2
ATC Representative(s): A. Degefa	Project: AOC 1396	
Role: H+S Oversight	Location: ~~A~~ 600 Westlake Ave. N.	
Contact Information: **206-781-1449**	Project No: 2076000073	Phase:
Scope of Work:	Weather: Rain	Temperature: 65°
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: N/A	

Time:	Comments:
1130	Arrive on site. Put on Level D PPE.
	Perform tailgate H+S meeting. Review
	Driving JSA.
	Note active ~~site~~ AD construction site
	— pay attention to overhead crane,
	construction equip. driving, and poor
	housekeeping by GC (~~no~~ higher risk for
	slips/trips/falls).
1155	MOB to MW-215.
1205	MOB to MW-213.
1230	Attempt to locate MWR-6 in steel-column
	staging area. ~~observe~~ Monitor overhead crane work
	while ATC employee gauges well.
1240	Attempt to locate MW-1 — inaccessible,
	Provide oversight ~~for~~ ATC employee ~~to~~ while
	they locate wells in active construction
	staging zone.
1400	Construction crew clears area for ATC
	employees using forklift. Stand clear of
	activities.
	MW-5 located — set up exclusion zone around

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

Field Report

FLD-100
Revision 0.0
Jul-08

ATC Branch: **Seattle (10282)**	Date: 06-13-18	Page 2 of 2
ATC Representative(s): A. Degefa	Project: AOC 1396	
Role: H+S oversight	Location: 600 Westlake Ave. N.	
Contact Information: **206-781-1449**	Project No: 20760000073	Phase:
Scope of Work:	Weather: Rain	Temperature: 65°
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: N/A	

Time:	Comments:
	MW-5 using delineators + caution tape.
	Activities complete an MW-5.
1545	Move to MW-213. Park ATC vehicle in
	street parking adjacent to well.
	Set up exclusion zone around
	MW-213 using delireators + caution
	tape.
	Finish activities @ MW-213, break
	down exclusion zone.
1700	off-site to office.

Equipment Used:

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

Monitor Well Gauging Log

FLD-102
Revision 0.0
Jul-08

ATC Branch: Seattle, WA

Date: 06-13-18

Page 1 of 1

ATC Representative(s): ~~Cody Bishop~~ B. Goulet

Project: AOC #1396

Location: 600 Westlake Ave N, Seattle, WA

Contact Information: 206-781-1449

Project No: Z076000073

Task No:

Weather: Overcast / rain

Temperature: 65°

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)
MWR-1 ~~MW-1~~	2"	—	—	—	—	—	17.10	inaccessible
MWR-5 ~~MW-5~~	2"	14:18	—	—	8.66	—	16.37	
MWR-6 ~~MW-6~~	2"	12:35	—	—	10.94	—	17.50	
MW-45	2"	—	—	—	—	—	19.20	inaccessible
MW-213	2"	12:05	—	—	8.82	—	20.02	
MW-215	2"	11:59	—	—	8.72	—	16.90	

Comments:

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

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle, WA
Date: 06-13-18
Page 1 of 1

ATC Representative(s): B. Goulet
Project: AOC 1396
Location:

Contact Information: (206) 781-1449
Project No: 20760000073
Task No: 7601

Well ID: MWR-5
Weather: Rain
Temperature: 65°

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 ____ Submersible Pump X Peristaltic Pump Other: ____

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

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 0.16 = ____ (CV)(gal) x 3.0 CV (gal) = ____ PV

Monitoring Measurements

Depth to LNAPL (feet): —
Total Well Depth (feet): 16.37

Depth to Water (DTW)(feet): 8.66
Water Column (WC)(feet): 7.71

LNAPL Thickness (ft): —
Purging Start Time: 14:45

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
~~14:55~~	~~9.08~~		14.44	300	Clear	0.96	7.54	-124.5	
14:58	9.07		14.40	301		0.83	7.55	-136.3	
15:01	9.07		14.50	302		0.73	7.52	-129.5	
15:04	9.07		14.66	303		0.64	7.53	-138.6	

Sample Data

Sample ID: MWR-5
Time of Sample: 1507

Container Types, Volumes, & Quantities:	Filtered (yes/no)	Preservatives	Analytical Parameters

Well Recovery Data

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

Recovery Type: ____ Fast ____ Slow
% Recovery =

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

Comments:

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle, WA	Date: 6-13-18	Page 1 of 1
ATC Representative(s): B. Goulet	Project: ~~Z0760000073~~ AOC 1396	
	Location: /	
Contact Information: (206) 781-1449	Project No: Z0760000~~73~~	Task No: 7601
Well ID: MW-213	Weather: Rain	Temperature: 65°

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 ____ Submersible Pump X Peristaltic Pump Other: ____

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

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): 20.02
Depth to Water (DTW)(feet): 8.82	Water Column (WC)(feet):
LNAPL Thickness (ft): ~~/~~	Purging Start Time: 16:00

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
16:10	9.12		15.62	467	Clear	0.97	7.94	-203.7	
16:13	9.15		15.70	464	↓	0.66	7.95	-195.4	
16:16	~~9.88~~		15.41	465		0.60	7.98	-202.3	
16:19	9.26		15.44	466		0.52	7.98	-203.4	

Sample Data

Sample ID: MW-213	Time of Sample: ~~16:00~~ 1622	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				

Well Recovery Data

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

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

Comments:

SCUR Exceptions: **Workorder #:** 10460747

Issue	Sample ID	Container Type/#
1 empty container	MW-21	VG9H/1

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH Upon Receipt	Date Preservation Adjusted	Time Preservation Adjusted	Amount of Additional Preservative Added	Lot # of Preservative Added	pH After Adjustment	Initials

Field Report

FLD-100
Revision 1.0
6/1/2016

ATC Branch: Seattle - 10282	Date: 1-03-2019	Page 1 of 3
ATC Representative(s): B. Gouvet / A. Degefa	Project: PGL - Westlake	
Role: Field Geologist	Location: 600 Westlake Ave N	
Contact Information: (206) 781-1449	Project No: 20760000 73	Task No: --
Scope of Work:	Weather: Rain	Temperature: 50 F
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: ALTUS Traffic Control	

Time:	Comments:
8:10	Arrive on site, put on level D-PPE; Contact ALTUS traffic control crew Across the street and brief them about the well locations and the street we needed to be blocked for sampling activity
8:25	Revise tailgate H&S form and sign HASP
9:00	ALTUS moved to block the side of Mercer street side. In the mean time, ATC moved to locate one of the wells on the side of Terry Ave N. This well seems to be Covered by construction filling debries.
9:20	ATC moved in to the street closed by traffic Control, set up Sampling equipment
9:37	Open MW-216 DWT = 11.00, under pressure
10:16	Finished Sampling MW-216
10:22	Move to MW 217, open MW 217 at 10:24, under pressure DWT: 11.38
10:29	Start purging MW 217

Equipment Used:

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

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

ATC Branch: Seattle - 10282	Date: 1-03-19	Page 2 of 3
ATC Representative(s): B. Govier / A. Degefa	Project: 166 - Westlake	
Role: Field Geologist	Location: 600 Westlake Ave N	
Contact Information: (206) 781-1449	Project No: 20760000073	Task No: --
Scope of Work:	Weather: Rain / overcast	Temperature: 50°
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: AITUS Traffic Control	

Time:	Comments:
1115	Done Sampling at MW 217, move to MW218
11:18	Open MW218, under pressure, DWT=11.02
11:24	start purging MW218
11:50	Start sampling MW 218
12:05	Finalized work on wells on Mercer Street. Traffic controllers start moving cones. ATC packed Equipment and moved to the next well site.
1215	Break for lunch.
1245	Back from lunch break
1250	located MWR-5, surrounded by construction pieces on site
13:00	open MWR5
1314	Open MWR-5 DWT = 7.72,
1325	Start Purging MWR-5
1425	Move to MW45 gauge MW45 DWT=8.50
1430	Start purging MW45
15:15	Move to the other side of the site across Valley Street to gauge wells.
1520	Start gauging wells -
1520	Gauge MW215 DWT = 8.95, under pressure

Equipment Used:

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

Field Report

FLD-100
Revision 1.0
6/1/2016

ATC Branch: Seattle - 10282	Date: 1-03-19	Page 3 of 3
ATC Representative(s): B. Gouvet / A. Degefa	Project: P66 - Westlake	
Role: Field Geologist	Location: 600 Westlake Ave N	
Contact Information: (206) 781-1449	Project No: Z0760000073	Task No: --
Scope of Work:	Weather: Rain	Temperature: 50°
X Monitoring ___ Assessment __ Remediation ___ Closure	Contractor: —	

Time:	Comments:
1523	Gauge MW 213, under pressure DWT = 8.50
1534	Gauge MW 211, under Pressure DWT = 8.48
1535	Could not locate SMW3 and MW219, hence these two wells were not gauged on the same day.
1545	Back to the van, remove equipment and PPE
16:00	left site to the office.

Equipment Used:

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

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

ATC Branch: Seattle, WA	Date: 1-4-18	Page 1 of 2
ATC Representative(s): B/Grover /A. Depek	Project: P66 - Westlake	
Role:	Location: 600 Westlake Ave N	
Contact Information: (206) 781-1449	Project No: 20760073	Task No:
Scope of Work:	Weather: Overcast	Temperature:
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: —	

Time:	Comments:
8:05	Arrive on site, Revise tailgate forms & Sign H&S sheet. Update PM that activities of the day started.
8:35	Move to MW-11
8:37	Open MW 11. Under pressure
8:42	Well Cap removed. DWT: 8.40'
8:48	Start purging MW 11
1004	Tried to locate SMW3, it could not be found, may be buried by sidewalk Sand / gravel filling.
10:05	Contacted PM, and confirmed it's okay to proceed to the other wells to resume sampling.
10:10	park in the construction and hand carry
10:10	Sampling equipment to MW 215 on the planter bed on Valley street.
10:16	Open MW215, DWT: 8.90'
10 25	Start purging MW215
11:00	Done sampling @MW215, move to MW 213, set up Exclusion zone,
1110	Start Purging MW213

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

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

ATC Branch: Seattle, WA	Date: 1-4-18	Page 2 of 2
ATC Representative(s): B. Govier / A. Dagel	Project: 166 - Westlake	
Role: 1	Location: 660 Westlake Ave N	
Contact Information: (206) 781-1449	Project No: 20760000273	Task No:
Scope of Work:	Weather: Overcast	Temperature:
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: —	

Time:	Comments:
1200	Break for lunch
1225	Back from lunch, started searching for MW219 on the other side of Terry Ave. That site is under construction, and the area is covered by subgrade filling material and sand. AtC crew tried to locate MW219 using a metal detector and a shovel but it was not successful.
1235	contacted PM about the situation, and MW219 could not be sampled at this round of sampling.
1240	start deconing equipment, collect & pack
1300	Check the drain vault in the remediation system and locate the Drain Vault connected OUT on the Westlake Ave. outside the remediation compound. Only one drain vault on Westlake Ave, hence this is potentially the one connected to the drain line of the remediation system.
1346	Turn on/off the remediation system.
1350	left site to the office
	END.

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

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282	Date: 1-03-2019	Page 1 of 5
ATC Representative(s): B. Govier / A. Degefa	Project: PGG - Westlake	
Contact Information: (206) 781-1449	Location:	
	Project No:	Task No:
Well ID: MW 216	Weather: Rain	Temperature: 50°

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 ____ Submersible Pump X Peristaltic Pump Other: ____

3 Well Volumes ____ Low Flow X Micro Purge ____ Intake Depth (feet below TOC) 13.00'

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): 25.00
Depth to Water (DTW)(feet): 11.00'	Water Column (WC)(feet):
LNAPL Thickness (ft):	Purging Start Time: 9:48

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
9:58	11.50	0.30	14.81	784	Clear	7.67	3.40	157.5	—
10:01	11.55	0.50	14.85	781	"	7.83	3.38	158.8	
10:04	11.62	0.75	14.89	780	"	7.92	3.37	159.0	

Sample Data

Sample ID: MW 216	Time of Sample: 10.05	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		~~NO/Lab~~ FF Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

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

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

Comments: well under pressure

Monitoring Well Purging and Sampling Log

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ATC Branch: Seattle - 10282	Date: 1-03-18	Page 2 of 5
ATC Representative(s): B. Govier / A. Degefa	Project: P66 - Westlake	
	Location: 600 Westlake Ave N	
Contact Information: (206) 781-1449	Project No: 20760000073	Task No:
Well ID: MW217		
	Weather: Rain	Temperature: 50°

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 ____ Submersible Pump X Peristaltic Pump Other: ____

3 Well Volumes ____ Low Flow X Micro Purge ____ Intake Depth (feet below TOC) 13.50'

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): 24.50
Depth to Water (DTW)(feet): 11.38	Water Column (WC)(feet):
LNAPL Thickness (ft):	Purging Start Time: 10:29

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
10:39	11.60	1.00	15.72	1071	Clear	1.92	4.60	-147.8	—
10:42	11.60	1.50	15.73	1073	»	1.77	4.60	-144.8	
10:45	11.58	1.55	15.79	1073	»	1.55	4.60	-156.9	
10:48	11.58	1.60	15.80	1077	»	1.38	4.61	-148.1	
10:51	11.58	1.75	15.89	1076	»	1.31	4.61	-152.0	

Sample Data

Sample ID: MW217	Time of Sample: 10:55	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		~~NO/Lab~~ F - Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

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

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

Comments: well under pressure

Monitoring Well Purging and Sampling Log

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ATC Branch: Seattle - 10282

Date: 1-03-19 | Page 3 of 5

ATC Representative(s): B. Govier / A. Degefa

Project: P66 - Westlake

Location: 600 Westlake Ave N

Contact Information: (206) 781-1449

Project No: 207600000073 | Task No:

Well ID: MW-218

Weather: Rain/Overcast | Temperature: 50°

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 ____ Submersible Pump X Peristaltic Pump Other: ____

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

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

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):

Depth to Water (DTW)(feet): 11.00'

Water Column (WC)(feet):

LNAPL Thickness (ft):

Purging Start Time: 11:24

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
11:34	11.37	0.25	15.97	1101	Cloudy	2.37	4.72	-107.3	✓
11:37	11.25	0.75	16.08	1112		1.80	4.71	-109.8	
11:40	11.25	1.00	16.17	1121		1.29	4.70	-102.6	
11:43	11.28	1.55	16.11	1124		1.32	4.69	-93.4	
11:46	11.28	1.80	16.11	1126		1.42	4.69	-101.6	

Sample Data

Sample ID: MW 218 | Time of Sample: 11:50

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

Well Recovery Data

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

Approximate Flow Rate (GPM):

Recovery Type: X Fast ____ Slow

% Recovery = 100

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

Comments: Well under pressure

Monitoring Well Purging and Sampling Log

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Revision 1.0
Jul-08

ATC Branch: Seattle - 10282	Date: 1-03-18	Page 4 of 5
ATC Representative(s):	Project: P66-Westlake	
	Location: 600 Westlake Ave N	
Contact Information: (206) 781-1449	Project No: 1076000073	Task No:
Well ID: MWR-5		
	Weather: Rain	Temperature: 50°

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 _____ Submersible Pump X Peristaltic Pump Other: _____

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

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

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):
Depth to Water (DTW)(feet): 7.72	Water Column (WC)(feet):
LNAPL Thickness (ft):	Purging Start Time: 1325

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
1335	8.35	0.10	11.79	424	Clear	4.33	5.09	-116.5	
1338	8.45	0.30	11.76	421	»	3.54	5.03	-108.9	
1341	8.45	0.50	11.72	420	»	3.27	4.99	-117.0	

Sample Data

Sample ID: MWR5	Time of Sample: 1345	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		F- NO/Lab Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

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

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

Comments:

Monitoring Well Purging and Sampling Log

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Revision 1.0
Jul-08

ATC Branch: Seattle - 10282	Date: 1-03-18	Page 5 of 5
ATC Representative(s):	Project: P66-Westlake	
	Location: 600 Westlake Ave N	
Contact Information: (206) 781-1449	Project No: Z0760000073	Task No:
Well ID: MW-45	Weather: Rain	Temperature: 50°

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 _____ Submersible Pump X Peristaltic Pump Other: _____

3 Well Volumes ~~4~~ _____ Low Flow X Micro Purge _____ Intake Depth (feet below TOC) _____

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): 19.20
Depth to Water (DTW)(feet): 8.50	Water Column (WC)(feet):
LNAPL Thickness (ft):	Purging Start Time: 1330

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
1240	8.63	0.50	12.37	573	Clear	2.26	4.81	-189.1	
1243	8.65	0.75	12.36	579		1.86	4.63	-191.9	
1246	8.68	1.00	12.38	582		1.73	4.63	-191.8	

Sample Data

Sample ID:	Time of Sample: 1450	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		~~NO/Lab~~ Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

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

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

Comments:

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282	Date: 1-4-18	Page 1 of 3
ATC Representative(s): B. Cowles / A. Degefa	Project: P66 – Westlake	
	Location: 600 Westlake Ave N	
Contact Information: (206) 781-1449	Project No: 207600073	Task No:
Well ID: MW 211	Weather: Overcast	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 _____ Submersible Pump X Peristaltic Pump Other: _____

3 Well Volumes _____ Low Flow X Micro Purge _____ Intake Depth (feet below TOC) 11.00'

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):
Depth to Water (DTW)(feet): 8.48	Water Column (WC)(feet):
LNAPL Thickness (ft):	Purging Start Time: 8.48

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
8.58	8.55	0.30	13.20	1153	Clear	3.34	5.44	-108.0	
9.01	8.65	0.55	13.27	1163		2.55	5.44	-130.1	
9.04	8.67	0.75	13.13	1171		2.22	5.43	-127.0	

Sample Data

Sample ID: MW211	Time of Sample: 9:05	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		~~NO/Lab~~ F Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

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

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

Comments: Under pressure

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle - 10282

Date: 1-4-19

Page 2 of 3

ATC Representative(s): B. Gowler / A. Degefa

Project: P66 - Westlake

Location: 660 Westlake Ave N

Contact Information: (206) 781-1449

Project No: Z0760000.08

Task No:

Well ID: MW215

Weather: Sun / overcast

Temperature: 50°

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 ____ Submersible Pump X Peristaltic Pump Other: ____

3 Well Volumes ____ Low Flow X Micro Purge ____ Intake Depth (feet below TOC) 11.00'

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):

Depth to Water (DTW)(feet): 8.95

Water Column (WC)(feet):

LNAPL Thickness (ft):

Purging Start Time: 10:25

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
10:35	8.94	0.35	13.47	883	Clear	4.95	4.98	-48.3	
10:38	8.95	0.45	13.47	862		4.09	4.91	-57.3	
10:41	8.95	0.55	13.65	835		3.11	4.87	-60.5	
10:44	8.95	0.65	13.80	817		2.43	4.83	-65.6	
10:47	8.95	0.75	13.93	804		2.04	4.81	-73.7	

Sample Data

Sample ID: MW215

Time of Sample: 1050

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

Well Recovery Data

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

Approximate Flow Rate (GPM):

Recovery Type: ____ Fast ____ Slow

% Recovery =

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

Comments:

Monitoring Well Purging and Sampling Log

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ATC Branch: Seattle - 10282	Date: 1-4-18	Page 3 of 3
ATC Representative(s): B. Gouvet / A. Degefa	Project: P66 - Westlake	
	Location: 660 Westlake Ave N	
Contact Information: (206) 781-1449	Project No: 20760000.73	Task No:
Well ID: MW213		
	Weather: Overcast	Temperature: 50°

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 ____ Submersible Pump [X] Peristaltic Pump Other: ____

3 Well Volumes ____ Low Flow [X] Micro Purge ____ Intake Depth (feet below TOC) 11.00'

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):
Depth to Water (DTW)(feet): 8.50	Water Column (WC)(feet):
LNAPL Thickness (ft):	Purging Start Time: 11:10

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
11:20	8.55	0.45	11.57	360	clear	10.27	6.05	13.3	—
11:23	8.58	0.65	11.59	357		9.99	6.15	17.6	—
11:26	8.62	1.00	11.58	355		9.70	6.27	24.1	—

Sample Data

Sample ID: MW-213	Time of Sample: 1130	Filtered (yes/no)	Preservatives	Analytical Parameters
Container Types, Volumes, & Quantities:				
6-40ml VOAs		NO	HCl	Gx, VOCs
2-250ml PE		~~NO/Lab~~ F. Filtered	HNO3	Pb, Dissolved Pb

Well Recovery Data

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

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

Comments:

Monitor Well Gauging Log

FLD-102
Revision 0.0
Jul-08

ATC Branch: Seattle - 10282	Date: 1-03-19	Page 1 of 1
ATC Representative(s): B. Gomez / A. Degefa	Project: P66 - Westlake	
	Location: 600 Westlake Ave N	
Contact Information: (206) 781-1449	Project No: 20760000.73	Task No:
	Weather: Rain / Overcast	Temperature: 50°
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)
MW216		09:37	09:38		11:00		25.00	*
MW217		10:24	10:24		11.38		24.50	*
MW218		10:18	11:20		11:00		25.10	*
MUR-5		1314	1317		7.72		16.37	
MW45		1326	1328		8.50			
MW213		1523	1523		8.50			*
MW 215		1520	1520		8.95			*
MW211		1534	1534		8.48			*
SMW3	———	———						could not be located.
MW219	———	———						Could not be located

Comments:

* Well under pressure

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.

SCUR Exceptions: **Workorder #:** 10460747

Issue	Sample ID	Container Type/#
1 empty container	MW-21	VG9H/1

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH Upon Receipt	Date Preservation Adjusted	Time Preservation Adjusted	Amount of Additional Preservative Added	Lot # of Preservative Added	pH After Adjustment	Initials