ENVIRONMENTAL • GEOTECHNICAL
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GROUNDWATER MONITORING REPORT
(2017 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:
Mr. Roger Nye
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
June 21, 2018

E Silver for –

Nicholas Turner
Staff Scientist

Elisabeth Silver

Elisabeth Silver, L.G.
Senior Project Manager

GROUNDWATER MONITORING REPORT
(2017 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:	12/13/16, 12/14/16 & 12/15/16
Current remediation technique(s):	Soil Vapor Extraction / Air Sparge
Ecology VCP Number:	NW1714

FIELD ACTIVITY:

Date(s) monitored and/or sampled:	06/29/17
Wells monitored:	Six (MWR-1, MWR-5, MWR-6, MW-45, MW-213 and MW-215)
Wells sampled:	One (MW-213)
Purging method:	Three well volume purge via a disposable polyethylene bailer.
Sampling method:	Samples were collected using a disposable polyethylene bailer.

SITE HYDROGEOLOGY (06/29/17):

Minimum depth to groundwater (feet below top of casing [TOC]):	17.81 (MW-213)
Maximum depth to groundwater (feet below TOC):	17.81 (MW-213)
Average groundwater elevation (feet):	9.54 (MW-213)
Change in average groundwater elevation since previous monitoring event (feet):	-8.94 (MW-213)
Approximate groundwater gradient/flow direction:	Undetermined
Previous groundwater gradient/flow direction:	0.005 / North-northeast

GROUNDWATER CONDITIONS (06/29/17)

Minimum dissolved phase gasoline-range hydrocarbon concentration excluding "non-detects" (micrograms per liter [µg/L]):	All wells sampled "non-detect"
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L):	All wells sampled "non-detect"
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L) observed previous sampling event:	51,900 (MWR-5)
Minimum dissolved phase benzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	All wells sampled "non-detect"
Maximum dissolved phase benzene concentration (µg/L):	All wells sampled "non-detect"
Maximum dissolved phase benzene concentration (µg/L) observed previous sampling event:	45.6 (MWR-5)
Minimum dissolved phase toluene concentration excluding "non-detects" (micrograms per liter [µg/L]):	All wells sampled "non-detect"
Maximum dissolved phase toluene concentration (µg/L):	All wells sampled "non-detect"
Maximum dissolved phase toluene concentration (µg/L) observed previous sampling event:	7.4 (MWR-5)
Minimum dissolved phase ethylbenzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	All wells sampled "non-detect"
Maximum dissolved phase ethylbenzene concentration (µg/L):	All wells sampled "non-detect"
Maximum dissolved phase ethylbenzene concentration (µg/L) observed previous sampling event:	1,920 (MWR-5)
Minimum dissolved phase total xylenes concentration excluding "non-detects" (micrograms per liter [µg/L]):	All wells sampled "non-detect"
Maximum dissolved phase total xylenes concentration (µg/L):	All wells sampled "non-detect"
Maximum dissolved phase total xylenes concentration (µg/L) observed previous sampling event:	6,350 (MWR-5)
Minimum total lead concentration excluding "non-detects" (micrograms per liter [µg/L]):	Not analyzed
Maximum total lead concentration (µg/L):	Not analyzed
Maximum total lead concentration (µg/L) observed previous sampling event:	Not analyzed
Minimum dissolved lead concentration excluding "non-detects" (micrograms per liter [µg/L]):	Not analyzed
Maximum dissolved lead concentration (µg/L):	Not analyzed

Maximum dissolved lead concentration (µg/L) observed previous sampling event:	Not analyzed

FIELD ACTIVITY:

Date(s) monitored and/or sampled:	12/12/17 & 12/13/17
Wells monitored:	Ten (MWR-5, MW-45, MW-211, MW-213, MW-215, MW-216, MW-217, MW-218, MW-219 & SMW-3)
Wells sampled:	Ten (MWR-5, MW-45, MW-211, MW-213, MW-215, MW-216, MW-217, MW-218, MW-219 & SMW-3)
Purging method:	Wells were purged prior to sampling using low flow pumping via a peristaltic pump and dedicated polyethylene tubing.
Sampling method:	Samples were collected using peristaltic pump and dedicated polyethylene tubing.

SITE HYDROGEOLOGY (12/12/17 & 12/13/17):

Minimum depth to groundwater (feet below top of casing [TOC]):	10.82 (SMW-3)
Maximum depth to groundwater (feet below TOC):	21.15 (MW-216)
Average groundwater elevation (feet):	9.54 (MW-213)
Change in average groundwater elevation since previous monitoring event (feet):	+ 3.02
Approximate groundwater gradient/flow direction:	0.04 ft/ft Northeast
Previous groundwater gradient/flow direction:	Undetermined

GROUNDWATER CONDITIONS (12/12/17 & 12/13/17)

Minimum dissolved phase gasoline-range hydrocarbon concentration excluding "non-detects" (micrograms per liter [µg/L]):	226 (MW-217)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L):	713 (MWR-5)
Maximum dissolved phase gasoline-range hydrocarbon concentration (µg/L) observed previous sampling event:	All wells sampled "non-detect"
Minimum dissolved phase benzene concentration excluding "non-detects" (micrograms per liter [µg/L]):	All wells sampled "non-detect"
Maximum dissolved phase benzene concentration (µg/L):	All wells sampled "non-detect"
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]):	All wells sampled "non-detect"
Maximum dissolved phase toluene concentration (µg/L):	All wells sampled "non-detect"
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]):	2.4 (MWR-5)
Maximum dissolved phase ethylbenzene concentration (µg/L):	2.4 (MWR-5)
Maximum dissolved phase ethylbenzene concentration (µg/L) observed previous sampling event:	All wells sampled "non-detect"
Minimum dissolved phase total xylenes concentration excluding "non-detects" (micrograms per liter [µg/L]):	20.3 (MWR-5)
Maximum dissolved phase total xylenes concentration (µg/L):	20.3 (MWR-5)
Maximum dissolved phase total xylenes concentration (µg/L) observed previous sampling event:	All wells sampled "non-detect"
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:	Not analyzed
Minimum dissolved lead concentration excluding "non-detects" (micrograms per liter [µg/L]):	All wells sampled "non-detect"

Maximum dissolved lead concentration (µg/L):	All wells sampled "non-detect"
Maximum dissolved lead concentration (µg/L) observed previous sampling event:	Not analyzed

ADDITIONAL INFORMATION AND COMMENTS:

During the June event, select groundwater monitor wells were gauged, including MWR-1, MWR-5, MWR-6, MW-45, MW-213 and MW-215. All wells except for MW-213 were dewatered, consequently a groundwater sample was collected from MW-213 alone. Analytical results from the sample collected at MW-213 were all reported below their laboratory minimum detection limit.

Approximately 0.64 gallons of water was generated during this groundwater monitoring event, purged water was contained and placed in the first in-line liquid phase carbon vessel for treatment prior to discharge to the City's sewer system.

On December 12 and 13, select groundwater monitor wells; MWR-5, MW-45, MW-211, MW-213, MW-215, MW-216, MW-217, MW-218, MW-219 and SMW-3 were gauged and sampled. Gasoline-range hydrocarbons were detected below cleanup levels and above their reporting limit in samples MWR-5 and MW-217, all other chemicals of concern (COC) were not detect. The remaining samples did not have any COC detected above the laboratory reporting limit.

Approximately 7.06 gallons of water was generated during this groundwater monitoring event, purged water was contained and placed in the first in-line liquid phase carbon vessel for treatment prior to discharge to the City's sewer system.

ATTACHMENTS:

Table 1 Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Figure 1 Groundwater Conditions Map (06/29/17)
Figure 2 Groundwater Analytical Map (06/29/17)
Figure 3 Groundwater Conditions Map (12/12/17)
Figure 4 Groundwater Analytical Map (12/12-13/17)
Appendix A Laboratory Analytical Data Report and Chain of Custody Document
Appendix B Field Reports / Groundwater Gauging and Sampling Logs

TABLES

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
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	--
	06/13/07	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	6.75	<1	--	--	10.91	0.00	--
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	10.99	0.00	--
	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	--
	06/13/07	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.86	0.00	--
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	10.06	0.00	--
	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	--
	06/13/07	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.43	0.00	--
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.28	0.00	--
	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
	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	--
29.09	06/01/05	**1,030[j]**	<241[j]	<483	**5.21**	<1	27.8	66.0	<1	--	--	--	--	10.29	0.00	--
	07/25/05	702	<250	<500	4.60	0.860	23.0	47.1	1.06	2.16	--	--	--	10.56	0.00	--
	11/07/05	647	<243	<485	4.77	0.890	35.2	33.8	<1	--	--	--	--	10.22	0.00	18.87
	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
	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
	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
	03/06/07	<50	<236	<472	<0.5	<5	<5	<3.00	<1	<5	2.36	--	--	10.18	0.00	18.91
	06/15/07	<50	<250	<500[r]	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	10.51	0.00	18.58
	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
	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.												--	--	--

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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	--
28.82	11/02/05	**41,000**	**506 [g]**	<485	**4,540**	955	**3,240**	**12,000**	<1	--	--	--	--	10.04	0.00	18.78
	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
	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
	07/26/05	Not sampled - well did not recharge after purging dry												12.06	0.00	--
	11/01/05	125	<238	<476	1.19	<0.5	<0.5	<1	<2	--	--	--	--	12.16	0.00	-12.16
30.88	02/22/06	227	<272	**<543**	<0.5	<0.5	<0.5	<3	<1	<1	11.9	--	--	--	--	--
	05/08/06	236	<243	<485	<0.5	<0.5	<0.5	<3	<1	<1	**38.2**	--	--	12.08	0.00	-12.08
	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
	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
	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
	06/16/05	<500	**4,000[h,i]**	**16,000[i]**	--	135	<5	<5	<10	<5	--	--	--	10.86	0.00	10.33
	07/26/05	358	**8,320[c]**	**20,700**	--	42.6	0.340	<0.2	1.25	<1	<0.5	--	--	11.08	0.00	--
30.26	11/01/05	<50	<236	<472	--	8.00	<0.5	0.600	<1.00	<2	--	--	--	11.10	0.00	19.16
	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
	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	06/02/05	**6,600**	**18,000[f,i]**	**28,800[i]**	**403**	434	91.9	779	<1	--	--	--	--	10.83	0.00	10.26
	07/26/05	**1,400**	**6,930**	**13,200**	**35.2**	3.98	6.23	33.4	<1	30.9	--	--	--	11.19	0.00	--
30.08	11/07/05	**2,660**	271[f]	**<505**	**84.4**	28.2	28.7	314	<4	--	--	--	--	11.37	0.00	18.71
	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
	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
	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
	03/06/07	**856**	<266	**<532**	**140**	5.00	7.20	67.1	<10	<50	**15.3**	--	--	11.14	0.00	18.94
	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
	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
	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
	06/16/05	**117,000**	**31,000[f,i]**	**<12,000[i]**	**391**	380	121	**21,960**	**<50**	--	--	--	--	10.92	0.00	10.05
	07/26/05	**96,400**	**4,050[d]**	**2,340**	**201**	229	<20	**16,590**	<1	**805**	--	--	--	12.14	0.00	--
29.93	11/07/05	**72,000**	**4,070 [f]**	**<990**	**436**	520	504	**13,700**	**<40**	--	--	--	--	11.00	0.00	18.93
	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
	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
	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
	12/12/06	**68,400**	**2,720**	<481	**688**	731	286.0	**10,700**	<1	**452**	**78.6**	--	--	10.92	0.00	19.01
	03/06/07	**47,800**	**2,330**	<495	**560**	192	480	**12,000**	10	**873**	**40.4**	--	--	10.80	0.00	19.13
	06/14/07	**28,100**	**8140 [g]**	<481	**279**	130	96.9	**4,860**	<1	**308**	**53.4**	--	--	10.96	0.00	18.97
	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
	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	--

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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
contd.	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
	03/30/04	**7,310**	**838**	<276	**18.3**	<10	209	122	--	--	--	--	--	12.39	0.00	8.31
	06/22/04	**3,330**	**1,470**	381	**149**	<10	72.5	43.8	--	--	--	--	--	12.62	0.00	8.08
	09/29/04	330	<242	<484	**13**	1.6	3.7	39	--	--	--	--	--	9.20	0.00	11.50
	12/29/04	**1,500**	**592**	<478	**71**	<5	30.9	31.2	--	--	--	--	--	12.24	0.00	8.46
	03/17/05	<100	<239	<478	<1	<1	<1	<2	--	--	--	--	--	12.31	0.00	8.39
	06/01/05	205	<237	<473	**13.2**	<1	5.55	6.16	<1	--	--	--	--	11.76	0.00	8.94
	07/25/05	277	<250	<500	**11.2**	0.270	7.04	2.83	<1	2.28	--	--	--	12.17	0.00	--
30.14	11/08/05	217	<250	<500	**6.84**	0.810	0.660	<3.00	<1	--	--	--	--	11.69	0.00	18.45
	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
	08/30/06	197	<243	<485	**13.8**	<0.5	12.3	<3.00	<1	10.9	<1	--	--	12.71	0.00	17.43
	12/13/06	**1,770**	<250	<500	**128.0**	7.05	129.0	51	<5	<25	<1	--	--	11.65	0.00	18.49
	03/08/07	596	<248	<495	**38.5**	<.05	31.3	5.30	<1	18.5	1.26	--	--	11.45	0.00	18.69
	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
	09/14/07	358	<245	<490	**25.5**	<0.5	9.29	<3.00	<1	6.85	<1	--	--	13.11	0.00	17.03
	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	--
	09/07/95	**9,700**	**1,400**	**820**	**550**	140	230	620	--	--	--	--	--	11.20	0.00	9.55
	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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
MW-33	06/12/03	**30,900**	**4,170**	**<562**	**396**	526	474	3,890	--	--	--	--	--	11.65	Sheen	9.10
contd.	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
	03/30/04	**2,680**	**725**	<256	**218**	14.7	53.2	150.4	--	--	--	--	--	12.49	0.00	8.26
	06/22/04	**3,500**	**1,330**	443	**197**	12.1	99.2	217.3	--	--	--	--	--	12.66	0.00	8.09
	09/29/04	290	290	**<511**	**12**	1.9	5.6	22	--	--	--	--	--	9.60	0.00	11.15
	12/29/04	**2,860**	**795**	<491	**91**	30.9	49.4	169.3	--	--	--	--	--	12.14	0.00	8.61
	03/17/05	106	<239	<478	**8.23**	1.23	4.6	9.55	--	--	--	--	--	12.07	0.00	8.68
	06/01/05	<100	<262	**<524**	2.03	<1	<1	<2	<1	--	--	--	--	11.21	0.00	9.54
	07/25/05	79.3	<250	<500	3.27	0.230	1.95	1.78	<1	1.27	--	--	--	11.73	0.00	--
30.16	11/01/05	<50	<236	<472	0.800	<0.5	<0.5	<1	<2	--	--	--	--	6.50	0.00	23.66
	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
	08/30/06	**874**	<250	<500	**200**	10.0	26.2	56.0	6.79	17.1	<1	--	--	12.43	0.00	17.73
	12/12/06	**11,200**	<243	<485	**163**	41.2	45.2	175	<5	<25	<1	--	--	11.52	0.00	18.64
	03/07/07	**867**	<260	**<521**	**65**	2.48	54.8	84.6	<1	23.8	<1	--	--	8.45	0.00	21.71
	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
	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
	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
MW-34	06/24/02	**12,500**	**4,200**	**614**	**2,140**	651	659	**1,160**	--	--	--	--	--	11.91	0.00	9.51
contd.	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
	03/30/04	**15,100**	**1,120**	<300	**3,060**	238	564	846.6	--	--	--	--	--	12.62	0.00	8.80
	06/22/04	**6,760**	**1,900**	<238	**2,320**	14.3	395	279.8	--	--	--	--	--	12.88	0.00	8.54
	09/29/04	310	306	**<505**	**10**	<0.5	3.5	8.2	--	--	--	--	--	11.38	0.00	10.04
	12/29/04	**2,590**	481	**<504**	**320**	<10	83.8	101.4	--	--	--	--	--	12.67	0.00	8.75
	03/17/05	<100	<239	<478	<1	<1	<1	<2	--	--	--	--	--	12.66	0.00	8.76
	06/01/05	143	<237	<474	<1	<1	5.34	4.87	<1	--	--	--	--	11.81	0.00	9.61
	07/25/05	<50	<250	<500	0.210	<0.2	1.85	1.31	<1	<0.5	--	--	--	11.80	0.00	--
30.58	11/07/05	219	<245	<490	**8.46**	<0.5	0.58	4.86	<1	--	--	--	--	11.92	0.00	18.66
	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
	08/30/06	254	<245	<490	**32.8**	0.880	4.82	5.45	<1	12.1	<1	--	--	12.70	0.00	17.88
	12/13/06	**2,240**	<250	<500	**211**	<2.5	25.0	<15.0	<5	<25	<1	--	--	11.66	0.00	18.92
	03/07/07	**1,010**	<240	<481	**81.7**	<5	7.50	181	<10	<50	1.98	--	--	10.75	0.00	19.83
	06/15/07	**806**	<250	<500 [r]	**141**	1.01	4.02	<3.00	<1	6.79	<1	--	--	12.39	0.00	18.19
	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
	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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
MW-35	01/14/04	614	142	<256	1.45	<0.5	0.657	0.568	--	--	--	--	--	11.33	0.00	8.77
contd.	03/30/04	541	196	<257	<1	<1	<1	<2	--	--	--	--	--	11.69	0.00	8.41
	06/22/04	526	210	<238	1.27	<1	<1	<2	--	--	--	--	--	11.91	0.00	8.19
	09/29/04	250	248	<487	0.50	<0.5	1.1	2.1	--	--	--	--	--	11.77	0.00	8.33
	12/29/04	280	<255	**<510**	<1	<1	<1	<2	--	--	--	--	--	10.64	0.00	9.46
19.45	03/17/05	168	<239	<478	<1	<1	<1	<2	--	--	--	--	--	10.88	0.00	8.57
	06/01/05	334	<238[j]	<475[j]	**7.06**	<1	2.11	<2	1.21	--	--	--	--	10.11	0.00	9.34
	07/25/05	296	<250	<500	2.09	0.280	0.980	1.15	1.14	0.970	--	--	--	10.42	0.00	--
	11/07/05	243	<245	<490	1.22	0.870	1.17	3.89	<1	--	--	--	--	10.22	0.00	9.23
	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
	08/30/06	120	<245	<490	1.30	1.25	<0.5	<3.00	<1	<5	1.35	--	--	11.18	0.00	17.72
	12/13/06	181	<248	<495	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	10.23	0.00	18.67
	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
	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
	09/14/07	<50	<255	**<510**	<0.5	<0.5	<0.5	<3.00	<1	<5	4.62	--	--	10.66	0.00	18.24
	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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	--
	09/26/02	<100	<250	<500	0.735	<2	<1	<1.50	--	--	--	--	--	10.16	0.00	7.64
	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
MW-36	06/22/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
contd.	09/29/04	<50	<250	<500	0.90	<0.5	<0.5	<1.0	--	--	--	--	--	9.78	0.00	8.02
	12/29/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/17/05	<100	<246	<492	<1	<1	<1	<2	--	--	--	--	--	8.66	0.00	9.14
	06/02/05	<100	--[e]	--[e]	<1	<1	<1	<2	<1	--	--	--	--	7.70	0.00	10.10
	06/16/05	--	82[f]	<250	--	--	--	--	--	--	--	--	--	7.71	0.00	10.09
	07/25/05	<50	<250	<500	0.550	<0.2	<0.2	<0.5	<1	<0.5	--	--	--	8.15	0.00	--
27.21	11/08/05	<50	<243	<485	<0.5	<0.5	<0.5	<3.00	<1	--	--	--	--	8.81	0.00	18.40
	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
	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
MW-37	06/15/01[b]	LPH Present												11.35	0.03	9.68
contd.	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
	03/30/04	572	180	<281	**5.77**	<1	<1	1.53	--	--	--	--	--	12.73	0.00	8.28
	06/22/04	737	487	294	3.26	3.66	1.46	14.25	--	--	--	--	--	12.29	0.00	8.72
	09/29/04	190	419	<496	<0.5	<0.5	0.67	1.3	--	--	--	--	--	10.89	0.00	10.12
	12/29/04	430	<262	**<524**	**18.2**	2.27	1.08	11.22	--	--	--	--	--	11.90	0.00	9.11
	03/17/05	250	259	<476	<1	1.27	<1	4.22	--	--	--	--	--	12.18	0.00	8.83
	06/02/05	137	<238	**604**	<1	<1	<1	<2	<1	--	--	--	--	10.87	0.00	10.14
	07/26/05	59.4	<250	<500	<0.2	<0.2	<0.2	<0.50	<1	0.520	--	--	--	11.37	0.00	--
30.09	11/07/05	<50	<243	<485	<0.5	<0.5	<0.5	<3.00	<1	--	--	--	--	14.71	0.00	15.38
	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
	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	12/12/06	686	<238	<476	**5.46**	11.2	5.87	60.4	<1	<5	<1	--	--	11.17	0.00	18.92
	03/06/07	64.6	<266	**<532**	<0.5	1.14	1.02	5.76	<1	<5	<1	--	--	10.20	0.00	19.89
	06/14/07	121	<236	<472	1.56	<0.5	0.5	<3.00	<1	<5	<1	--	--	12.18	0.00	17.91
	09/14/07	<50	<245	<490	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	13.09	0.00	17.00
	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[Y]	<480	**12.0**	2.9	19	88	<1.0	20	1.5	<1	**530[Y]**	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	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	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
	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
MW-38	06/02/05	Obstructed by vehicle												--	--	--
contd.	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
26.01	11/07/05	<50	<253	**<505**	<0.5	<0.5	<0.5	<3.00	<1	--	--	--	--	8.11	0.00	17.90
	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
	08/30/06	<80	<245	<490	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	7.02	0.00	18.99
	12/13/06	<50	<250	<500	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	8.56	0.00	17.45
	03/07/07	<50	<250	<500	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	7.92	0.00	18.09
	06/14/07	<50	<240	<481	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	6.37	0.00	19.64
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	6.93	0.00	19.08
	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	--	--	--	--	--	--	--	--

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15	500	--	--	--
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
MW-40	01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
contd.	03/30/04	627	**863**	**3,360**	3.69	<1	<1	<2	--	--	--	--	--	11.55	Sheen	9.34
	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
	12/29/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/17/05	402	**758**	**4,130**	<1	<1	<1	<2	--	--	--	--	--	11.89	Sheen	9.00
	06/02/05	433	**692**[f,j]	**3,760**	<1	<1	<1	<2	<1	--	--	--	--	11.30	0.00	9.59
	07/26/05	216	**596**[c]	**1,600**	<0.2	<0.2	<0.2	<0.500	<1	<0.5	--	--	--	11.35	0.00	--
30.08	11/07/05	269	<243	<485	<0.5	<0.5	<0.5	3.58	<1	--	--	--	--	11.66	0.00	18.42
	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
	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
	12/12/06	540	<243	<485	2.51	0.600	0.520	<3.00	<1	<5	<1	--	--	11.92	0.00	18.16
	03/07/07	216	<250	<500	<0.5	<0.5	<0.5	<3.00	<1	<5	1.08	--	--	10.63	0.00	19.45
	06/14/07	179	<240	<481	<0.5	<0.5	<0.5	<3.00	<1	<5	1.05	--	--	11.71	0.00	18.37
	09/14/07	65.8	<250	<500	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	12.08	0.00	18.00
	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	07/26/05	<50	258[c]	**977**	<0.2	<0.2	<0.2	<0.50	<1	<0.5	--	--	--	15.88	0.00	--
36.25	11/02/05	<50	<238	<476	<0.5	<0.5	<0.5	<3.00	<1	--	--	--	--	15.89	0.00	20.36
	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
	08/30/06	<80	<240	<481	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	15.90	0.00	20.35
	12/12/06	<50	<243	<485	<0.5	<0.5	<0.5	<3.00	<1	<5	8.79	--	--	15.81	0.00	20.44
	03/07/07	<50	<263	**<526**	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	15.38	0.00	20.87
	06/14/07	79.2	<236	<472	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	15.45	0.00	20.80
	09/13/07	<50	<236	<472	<0.5	<0.5	<0.5	<3.00	<1	<5	2.56	--	--	15.61	0.00	20.64
	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
MW-42	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	10.89	0.00	9.45
contd.	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
	06/16/05	--	97[f]	<250	--	--	--	--	--	--	--	--	--	9.34	0.00	11.00
	07/26/05	117	<250	<500	2.95	0.340	<0.2	0.900	<1	<0.5	--	--	--	9.81	0.00	10.53
28.66	11/02/05	179	<236	<472	**8.22**	<0.5	<0.5	<3.00	<1	--	--	--	--	10.18	0.00	19.00
	02/22/06	193	<248	<495	2.23	<0.5	<0.5	<3.00	<1[q]	<1	<1	--	--	9.66	0.00	19.00
	05/09/06	185	<250	<500	3.62	1.37	0.580	<3.00	<1	<1	<1	--	--	9.64	0.00	19.02
	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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
MW-43	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
contd.	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
	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
	12/29/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/17/05	<100	<250	**<501**	2.2	<1	<1	<2	--	--	--	--	--	11.69	0.00	9.35
	06/02/05	<100	--[e]	--[e]	**15**	<1	<1	<2	<1	--	--	--	--	11.18	0.00	9.86
	06/16/05	--	<50	<250	--	--	--	--	--	--	--	--	--	11.16	0.00	9.88
	07/26/05	<50	<250	<500	4.24	<0.2	<0.2	<0.500	<1	<0.5	--	--	--	11.70	0.00	--
30.21	11/01/05	<50	<236	<472	<0.2	<0.5	<0.5	<1.00	<2	--	--	--	--	11.45	0.00	18.76
	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
	08/31/06	<100	<236	<472	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	11.90	0.00	18.31
	12/13/06	<50	<240	<481	**10.3**	<0.5	<0.5	<3.00	<1	<5	<1	--	--	10.87	0.00	19.34
	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
MW-44	03/16/98[b]	60.0	310	**<750**	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.43	0.00	10.30
contd.	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
	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
	03/17/05	<100	<240	<480	<1	<1	<1	<2	--	--	--	--	--	9.48	0.00	9.25

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	06/02/05	<100	--[e]	--[e]	<1	<1	<1	<2	<1	--	--	--	--	8.30	0.00	10.43
	06/16/05	--	<50	<250	--	--	--	--	--	--	--	--	--	8.32	0.00	10.41
	07/26/05	<50	<250	<500	<0.200	<0.2	<0.2	<0.5	<1	<0.5	--	--	--	8.76	0.00	--
27.97	11/01/05	<50	<236	<472	<0.200	<0.5	<0.5	<1	<2	--	--	--	--	9.14	0.00	18.83
	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
	08/29/06	<80	<240	<481	<0.500	<0.5	<0.5	<3	<1	<5	<1	--	--	9.89	0.00	18.08
	03/06/07	Not Sampled												--	--	--
	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
MW-44	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
contd.	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	--	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	--	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
	03/30/04	303	234	<240		<1	<1	<1	<2	--	--	--	--	10.19	0.00	7.92
	06/22/04	151	365	358		<1	<1	<1	<2	--	--	--	--	10.34	0.00	7.77
	09/29/04	270	<251	**<503**		<0.5	1.5	0.62	7.3	--	--	--	--	10.40	0.00	7.71
	12/29/04	207	<249	<498		2.90	<1	<1	9.04	--	--	--	--	9.40	0.00	8.71
	03/17/05	235	<239	<477		5.61	1.08	2.49	19.1	--	--	--	--	9.44	0.00	8.67
	06/01/05	793	283[f,j]	<491[j]		17.1	37.9	13.9	**83.8**	<1	--	--	--	8.62	0.00	9.49
	07/25/05	564	<250	**<500**		18.6	14.6	16.7	**113.2**	<1	7.51	--	--	8.98	0.00	--
27.52	11/01/05	100	<240	<481		<0.200	<0.5	<0.5	<1	<2	--	--	--	9.81	0.00	17.71
	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
	08/30/06	104	<248	<495		<0.5	<0.5	<0.500	<3	<1	<5	<1	--	9.84	0.00	17.68
	12/12/06	**25,900**	**662**	<485		64.1	23.8	330	**5,020**	<5	**278**	10.8	--	9.13	0.00	18.39
	03/06/07	**1,680**	<260	**<521**		<0.5	<0.5	22.0	**139**	<1	54	<1	--	8.75	0.00	18.77
	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
	09/13/07	**23,400**	328	<481		65.3	16.9	303	**3,740**	<1	**246**	6.85	--	9.07	0.00	18.45
	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
	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
MW-46	11/05/91	**<1,000**	**<1,000**	--	<0.5	0.6	<0.5	1.2	--	--	--	--	--	--	--	--

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
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	--
	06/26/98	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	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	--
MW-46 contd.	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
MW-47 contd.	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
	06/22/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	200	329	**735**	<0.5	<0.5	<0.5	<1	--	--	--	--	--	11.87	0.00	7.96
	12/29/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/17/05	166	<248	<495	<1	<1	<1	<2	--	--	--	--	--	11.62	0.00	8.21
	06/01/05	217	<252	**616[f]**	<1	<1	<1	<2	1.3	--	--	--	--	11.25	0.00	8.58
	07/25/05	162	<250	<500	<0.2	<0.2	<0.2	<0.5	1.18	<0.5	--	--	--	11.36	0.00	--

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
29.34	11/04/05	99.2	<236	<472	<0.5	<0.5	<0.5	<1	<1	--	--	--	--	11.42	0.00	17.92
	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
	06/13/06	Decommissioned														
MW-48	06/01/05	357	294[g]	<494	<1	<1	<1	<2	<1	--	--	--	--	9.40	0.00	--
27.98	07/25/05	334	<250	<500	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--	--	9.48	0.00	--
	11/04/05	278	<236	<472	<0.5	<0.5	<0.5	<1	<1	--	--	--	--	9.35	0.00	18.63
	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
	08/30/06	176	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	10.40	0.00	17.58
	12/13/06	275	<240	<481	<0.5	<0.5	0.870	4.44	<1	<5	<1	--	--	--	--	--
	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	--
22.36	11/02/05	<50	<236	<472	0.200	<0.5	0.660	1.06	<2	--	--	--	--	3.60	0.00	18.76
	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
	08/31/06	<100	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	5.73	--	--	4.73	0.00	17.63
	12/13/06	197	<240	**679**	<0.5	<0.5	<0.5	<3	<1	<5	3.33	--	--	4.03	0.00	18.33
	03/07/07	232	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1.85	--	--	3.47	0.00	18.89
	06/13/07	178	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	2.42	--	--	3.59	0.00	18.77
	09/12/07	68.7	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	2.47	--	--	3.76	0.00	18.60
	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	--	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
	09/10/15	150	--	--	--	--	--	--	--	--	--	--	--	10.11	0.00	17.80
	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
	03/30/04	**3,330**	**867**	<241		21.8	<5	21.9	**226.4**	--	--	--		11.65	0.00	8.15
	06/22/04	**2,130**	**874**	<237		14.2	2.4	27.9	**85.11**	--	--	--		11.79	0.00	8.01
	09/29/04	**3,600**	**1,330**	<502		92	62	100	**520**	--	--	--		11.71	0.00	8.09
	12/29/04	**1,570**	**745**	<611		9.69	3.88	9.98	**27.62**	--	--	--		11.01	0.00	8.79
	03/17/05	**1,420**	**1,060**	506		5.82	2.41	10.6	**30.59**	--	--	--		11.26	0.00	8.54
	06/01/05	**1,710**	**528[g]**	<503		20.3	10.7	42.3	**84.7**	8.01	--	--		10.58	0.00	9.22
	07/25/05	**1,500**	<250	<500		16.8	3.23	36.9	**50.11**	4.29	7.04	--		10.90	0.00	--
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
	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
	08/29/06	264	<248	<495		8.55	0.780	6.87	7.26	4.23	<5	<1		11.58	0.00	17.74
	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
	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
	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
	09/13/07	439	<240	<481		4.36	<0.5	0.650	<3	1.89	10.3	<1		10.90	0.00	18.42
	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[n]	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15	500	--	--	--
	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
	03/30/04	<100	404	401	<1	<1	<1	<2	--	--	--	--	--	12.22	0.00	8.36
	06/22/04	104	129	<237	<1	<1	<1	<2	--	--	--	--	--	12.10	0.00	8.48
	09/29/04	150	<242	<484	<0.5	<0.5	<0.5	<1	--	--	--	--	--	12.20	0.00	8.38
	12/29/04	<100	<257	<514	<1	<1	<1	<2	--	--	--	--	--	11.80	0.00	8.78
	03/17/05	<100	<240	<481	<1	<1	<1	<2	--	--	--	--	--	11.58	0.00	9.00
	06/01/05	<100	408[f]	<520	<1	<1	<1	<2	<1	--	--	--	--	11.62	0.00	8.96
	07/25/05	<50	697[c]	826	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--	--	11.74	0.00	--
29.75	11/04/05	<50	<238	<476	<0.5	<0.5	<0.5	<1	<1	--	--	--	--	11.80	0.00	17.95
	11/04/05	--	1,290[l,f]	536[l,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
	08/30/06	<80	<245	<490	<0.5	<0.5	<0.5	<3	1.20	<5	2.81	--	--	12.23	0.00	17.52
	12/12/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	11.70	0.00	18.05
	03/07/07	<50	<258	<515	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	11.61	0.00	18.14
	06/15/07	<50	<245	<490[r]	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	11.77	0.00	17.98
	09/13/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	11.95	0.00	17.80
	12/19/07	<50	<236	<472	<1	<1	<1.00	<3	<1	<1	20.60	--	--	11.17	0.00	18.58
MW-51	03/18/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<1	11.71		18.04
contd.	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	--
	03/30/04	738	462	<253	16.8	<1	18.4	24.66	--	--	--	--	--	11.47	0.00	--
	06/22/04	1,600	593	<248	161	<10	70.1	<20	--	--	--	--	--	11.50	0.00	--
	09/29/04	290	<253	<507[r]	4.9	<0.5	4.8	2.3	--	--	--	--	--	11.45	0.00	--
	12/29/04	844	272	<507	28.7	<1	17	9.22	--	--	--	--	--	10.75	0.00	--
	03/17/05	752	<238	<477	18.9	<1	17.6	3.75	--	--	--	--	--	11.00	0.00	--
	06/01/05	503	<249[j]	<498[j]	28.3	<1	19	7.06	<1	--	--	--	--	10.30	0.00	--
	07/25/05	401	368	<500	14.5	<0.2	8.24	3.12	<1	2.37	--	--	--	10.60	0.00	--
29.06	11/08/05	243	<243	<485	6.47	0.860	9.39	4.69	<1	--	--	--	--	10.41	0.00	18.65
	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
	08/30/06	178	<236	<472	10.3	1.14	8.04	11	<1	<5	<1	<1	--	11.33	0.00	17.73
	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
	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
	09/13/07	57.7	<250	<500	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	10.36	0.00	18.70
	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
	03/30/04	3,580	686	<237	257	49.7	125	204.8	--	--	--	--	--	12.26	0.00	8.49
	06/22/04	4,820	750	<240	363	85.2	188	425	--	--	--	--	--	12.23	0.00	8.52
	09/29/04	240	311	<509	1.9	<0.5	1.4	6.7	--	--	--	--	--	12.60	0.00	8.15
	12/29/04	2,650	655	<491	225	11.9	92.8	123.4	--	--	--	--	--	11.70	0.00	9.05
	03/17/05	1,560	293	<515	106	3.25	40.9	61.3	--	--	--	--	--	12.97	0.00	7.78
	06/01/05	3,120	381[g]	493[f]	205	5.98	120	236.9	1.88	--	--	--	--	11.22	0.00	9.53
30.38	07/25/05	450	310[b]	<500	20.4	0.610	8.96	13.14	<1	9.15	--	--	--	11.75	0.00	--

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	11/04/05	1,510	<236	<472	164	<2.5	59.4	28.2	<5.00	--	--	--	--	11.49	0.00	18.89
	02/22/06	2,770	<248	<495	183	5.65	77.2	173	<5.00[q]	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
	08/30/06	1,980	<236	<472	188	4.50	61.2	112	<1	38.7	<1	--	--	12.32	0.00	18.06
	12/12/06	177	<245	<490	33.8	<0.5	2.20	4.38	<1	<5	3.34	--	--	11.07	0.00	19.31
	03/07/07	<50	<236	<472	2.86	<0.5	<0.5	<3	<1	<5	1.44	--	--	11.17	0.00	19.21
	06/15/07	71.4	<238	<476[r]	1.11	<0.5	0.590	<3	<1	<5	<1	--	--	11.42	0.00	18.96
	09/13/07	<50	<238	<476	0.970	<0.5	<0.5	<3	<1	<5	2.62	--	--	11.64	0.00	18.74
	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	--	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
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
	11/18/05	75.8	<243	<485	0.560	0.530	4.19	10.8	<1	--	--	--	--	9.73	0.00	18.27
	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
	08/29/06	<80	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	10.33	0.00	17.67
	12/12/06	<50	<248	<495	<0.5	<0.5	<0.5	<3	<1	<5	2.69	--	--	9.69	0.00	18.31
	03/06/07	<50	<263	**<526**	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.40	0.00	18.60
	06/15/07	<50	<243	<485[r]	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.25	0.00	18.75
	09/13/07	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.59	0.00	18.41
	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,t]	<2,500[t]	<2	<2	<2	<4	<2	--	--	--	--	10.53	0.00	18.69
29.22	07/25/05	1,850	1,390[a]	<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														
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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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[l]	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,f]	<962 [l]	--	--	--	--	--	--	--	--	--	--	--	--
	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														

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15	500	--	--	--
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
	05/09/06	133[t]	<248	<495	55.8	<0.5	<0.5	<3	<1	<1	<1	--	--	9.60	0.00	19.13
	08/31/06	<100	<243	<485	6.00	<0.5	<0.5	<3	<1	<5	<1	--	--	11.10	0.00	17.63
	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[j]	<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[j]	<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[y]	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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[j]	<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[j]	<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[y]	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														
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														

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15	500	--	--	--
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.														
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[j]	<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
MW-86	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
contd.	11/16/09	2,700	1,000[r]	<480	2,100[q]	42	76	200	<1.0	<5.0	<1	<1	1,600[r]	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15	500	--	--	--
	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														
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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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
	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		1000/800[k]	500	500	5	1,000	700	1,000	20	160	15	15	500	--	--	--
	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
	12/19/07	13,500	289	<472	400	160	570	1,320	<1	140	14.9	--	--	4.56	0.00	19.30
	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[l]	<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[y]	<490	8.3	<0.50	30	17	<1.0	59	8	<1	1,000[y]	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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
	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
	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
	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[j]	<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 [q,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 [r]	<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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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	--	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	--	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
	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
	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
	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	--	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	--	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	--	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	--	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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
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[f]	<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	--	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	--	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	--	14.23	0.00	--
29.09	12/09/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	--	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	--	11.63	0.00	--
27.35	12/08/14	<100	--	--	4.9	<1.0	<1.0	<3.0	<1.0	--	12.8	<10.0	--	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
MW-214	10/06/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	--	12.14	0.00	--
27.33	12/08/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	--	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	--	12.25	0.00	--
27.21	12/08/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	--	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
MW-216	10/03/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	--	21.94	0.00	--
29.68	12/09/14	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	--	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
MW-217	10/03/14	<100	--	--	1.8	9.1	1.0	5.3	<1.0	--	<10.0	<10.0	--	23.64	0.00	--
30.08	12/09/14	<100	--	--	**6.1**	<1.0	<1.0	<3.0	<1.0	--	14.7	<10.0	--	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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
MW-218	10/03/14	492	--	--	<1.0	3.0	<1.0	8.4	<1.0	--	<10.0	<10.0	--	20.62	0.00	--
29.64	12/09/14	616	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	<10.0	<10.0	--	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
MW-219	10/06/14	147	--	--	<1.0	1.2	2.0	4.4	<1.0	--	<10.0	<10.0	--	14.18	0.00	--
27.41	12/09/14	197	--	--	1.0	<1.0	2.4	5.8	<1.0	--	<10.0	<10.0	--	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
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	--
	06/22/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	56	<242	<483	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	11.67	0.00	--
	12/29/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/17/05	<100	<248	<495	<1	<1	<1	<2	--	--	--	--	--	11.68	0.00	--
	06/01/05	<100	<249	<498	<1	<1	<1	<2	<1	--	--	--	--	10.62	0.00	--
	07/25/05	<50	<250	<500	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--	--	11.19	0.00	--
29.03	11/08/05	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	--	--	--	--	11.77	0.00	17.26
	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
	12/13/06	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	12.14	0.00	16.89
	03/08/07	<50	<250	<500	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	11.68	0.00	17.35
	06/13/07	Not Accessible												--	--	--
	09/12/07	Not Accessible												--	--	--
	12/17/07	Not Accessible												--	--	--
	03/17/08	Unable to locate												--	--	--
SMW-3	06/02/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<236	9.05	0.00	19.98
contd.	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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
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	--
28.33	11/02/05	17,200	3,210	<472	2,440	<50	1,390	<300	<100	--	--	--	--	10.10	0.00	18.23
	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
	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
	12/13/06	16,800	682	<472	1,880	<20	1,240	1,550	<40	465	9.5	--	--	9.27	0.00	19.06
SMW-4	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
contd.	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
	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
	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	--
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
	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
	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
	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
	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
	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
	09/13/07	1,350	258	<476	35.0	1.43	19.5	<3	<1	18.2	<1	--	--	10.29	0.00	18.88
	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	--	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	--	9.94	0.00	17.38
	03/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	9.39	0.00	17.93
	06/23/15	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	9.39	0.00	17.93
	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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	--	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.														
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	--	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	--	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	--	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

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.	Sample Date	TPH-Gasoline	TPH-Diesel	TPH-Oil	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene	Total Xylenes	MTBE (ug/L)	Naphtha-lene	Total Lead (ug/L)	Dissolved Lead	Kerosone (ug/L)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Level for Groundwater		**1000/800[k]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**160**	**15**	**15**	**500**	**--**	**--**	**--**
	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	--	10.54	0.00	16.58
	03/23/15	**11,900**	--	--	**31.0**	1.4	459	**1,030**	<1.0	--	<10.0	<10.0	--	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
	12/14/16	**51,900**	--	--	**45.6**	7.4	**1,920**	**6,350**	--	--	--	--	--	8.45	0.00	18.67
	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
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	--	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.														

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.

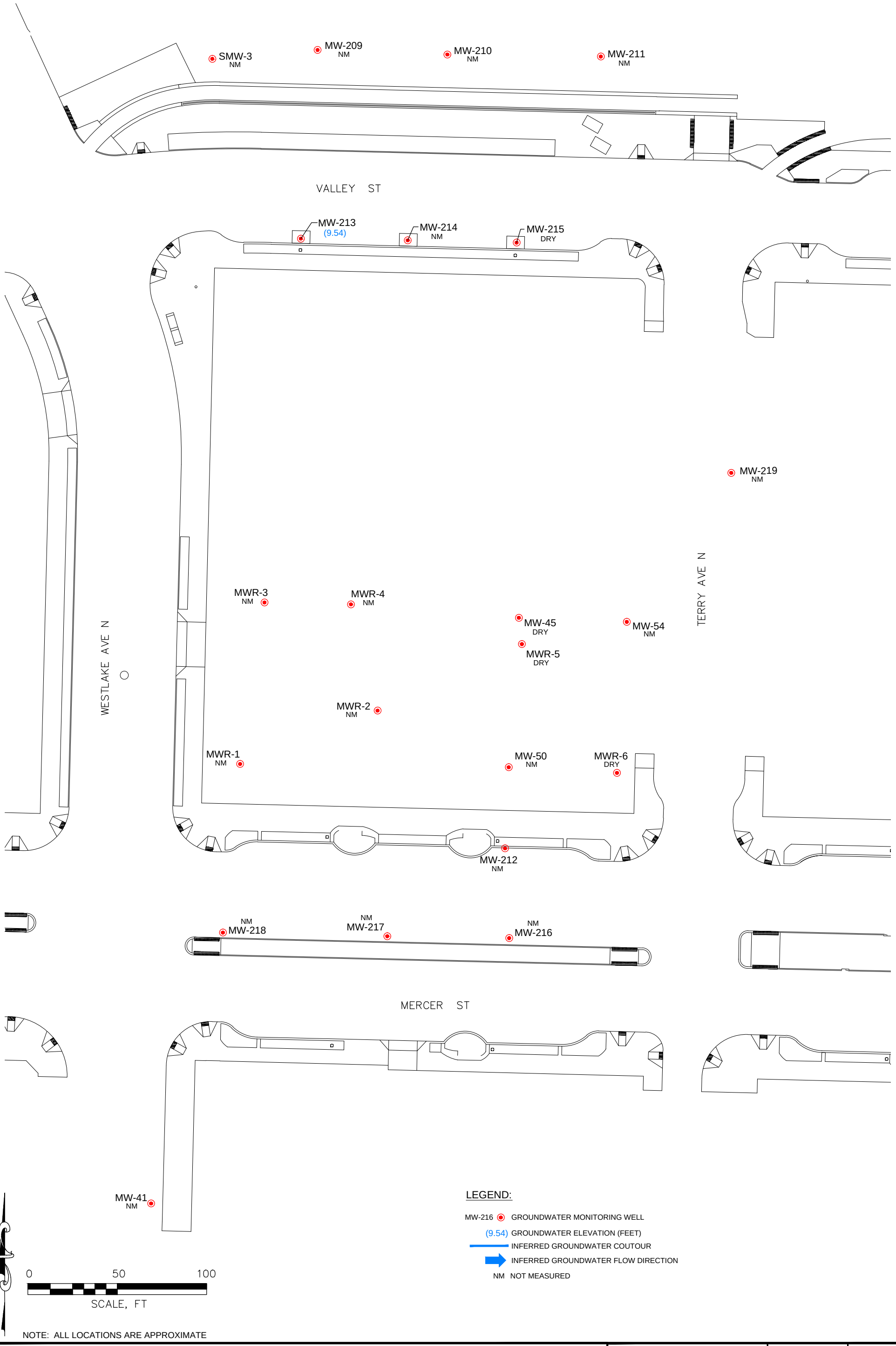
[ff] Sample collected immediately after High Intensity Targeted Extraction Event on September 12 , 2015.

[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.

FIGURES



NOTE: ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER CONDITIONS MAP (06/29/17)

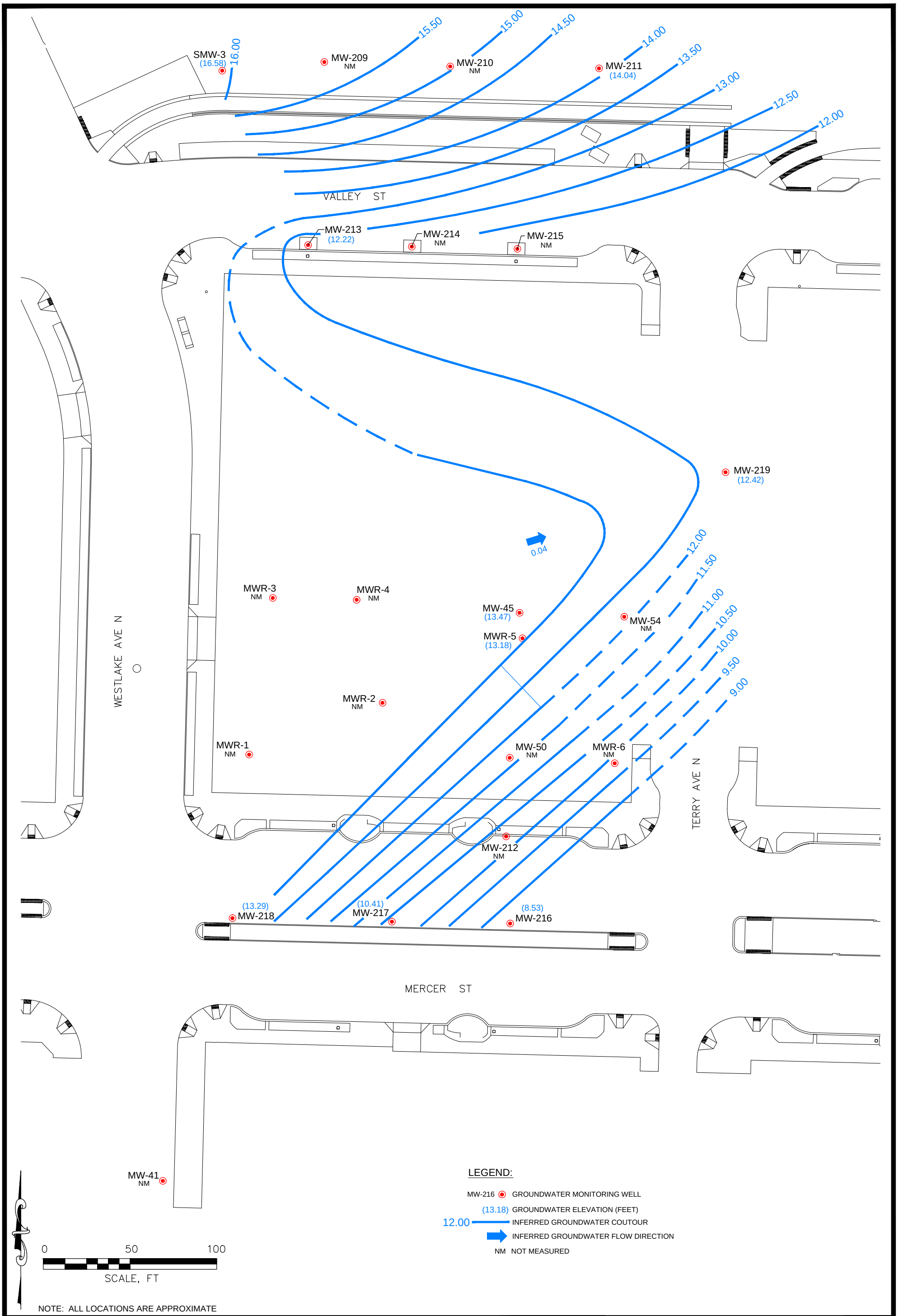
PHILLIPS 66 FACILITY NO. 255353 (AOC 1396)

600 WESTLAKE AVENUE NORTH

SEATTLE, WA

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

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



NOTE: ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER CONDITIONS MAP
(12/12/17 - 12/13/17)

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	

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

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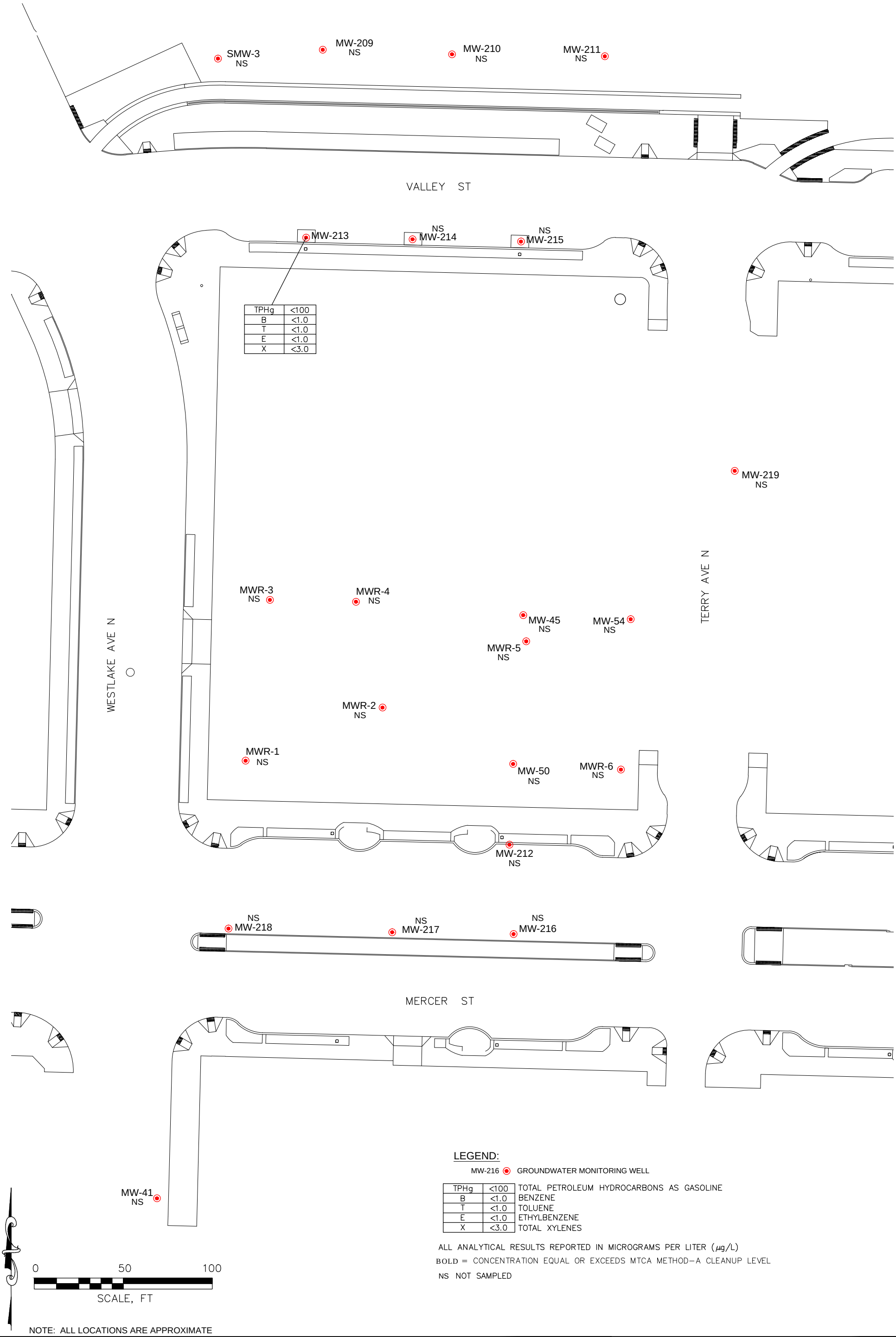


NOTE: ALL LOCATIONS ARE APPROXIMATE

LEGEND:

MW-216 ◉ GROUNDWATER MONITORING WELL

TPHg	<100	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	<1.0	BENZENE
T	<1.0	TOLUENE
E	<1.0	ETHYLBENZENE
X	<3.0	TOTAL XYLENES

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

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

NS NOT SAMPLED

GROUNDWATER ANALYTICAL MAP (06/29/17)

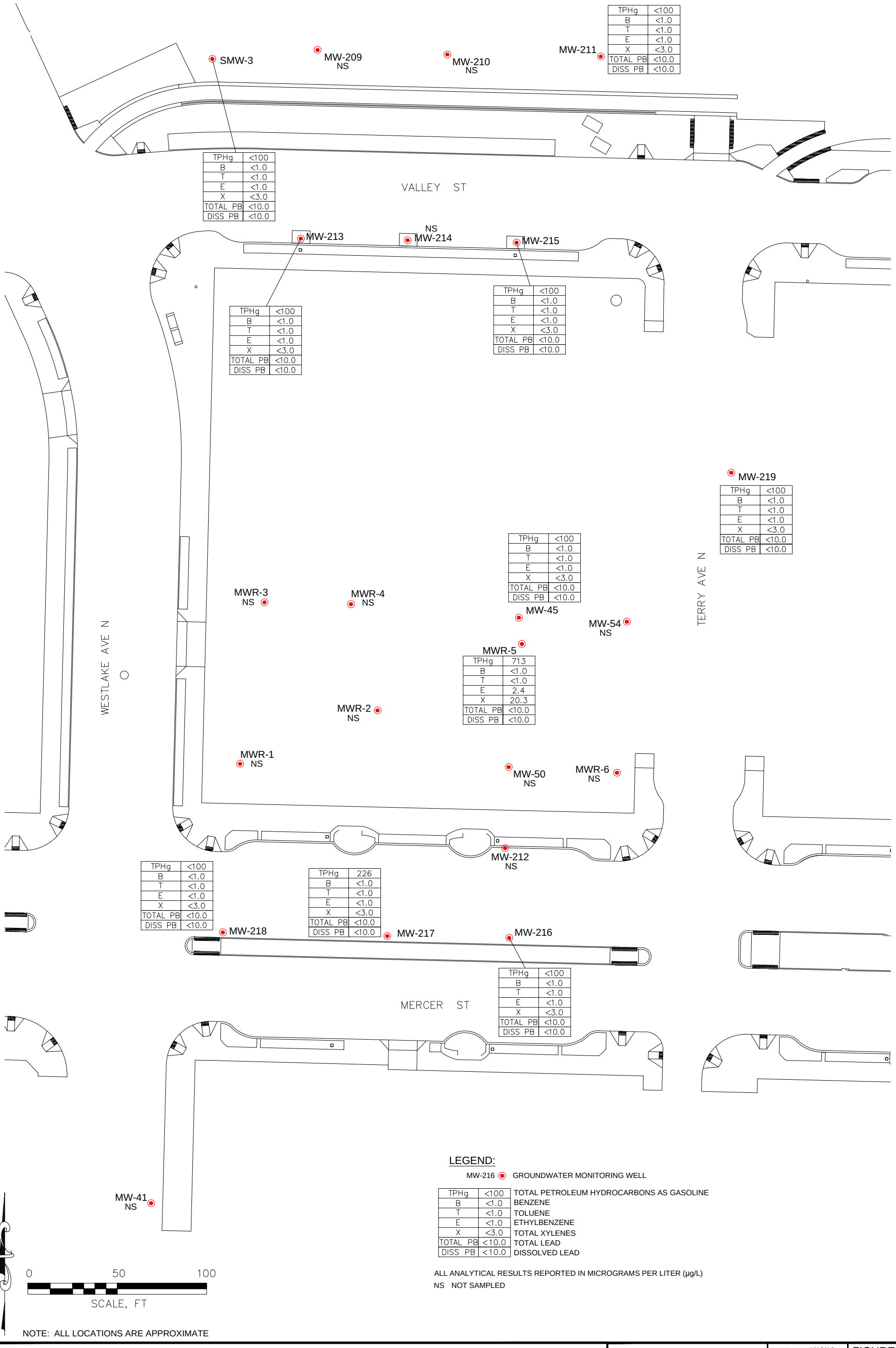
PHILLIPS 66 FACILITY NO. 255353 (AOC 1396)

600 WESTLAKE AVENUE NORTH

SEATTLE, WA

PROJECT NUMBER: Z076000073		DATE: 1/16/18	FIGURE 2
APPROVED BY: ES		DRAWN BY: BK	

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



LEGEND:

MW-216 GROUNDWATER MONITORING WELL

TPHg	<100	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	<1.0	BENZENE
T	<1.0	TOLUENE
E	<1.0	ETHYLBENZENE
X	<3.0	TOTAL XYLENES
TOTAL PB	<10.0	TOTAL LEAD
DISS PB	<10.0	DISSOLVED LEAD

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

NS NOT SAMPLED

NOTE: ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER ANALYTICAL MAP (12/12/17 - 12/13/17)

PHILLIPS 66 FACILITY NO. 255353 (AOC 1396)

600 WESTLAKE AVENUE NORTH

SEATTLE, WA

PROJECT NUMBER: Z076000073		DATE: 1/16/18	FIGURE 4
APPROVED BY: ES		DRAWN BY: BK	

ATC
6347 Seaview Avenue NW
Seattle, Washington 98107
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APPENDIX A

LABORATORY ANALYTICAL DATA REPORT AND CHAIN OF CUSTODY DOCUMENT

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

July 13, 2017

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

RE: Project: Z076000073 AOC 1396 Westlake
Pace Project No.: 10394501

Dear Elisabeth Silver:
Enclosed are the analytical results for sample(s) received by the laboratory on July 01, 2017. 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

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: Z076000073 AOC 1396 Westlake
Pace Project No.: 10394501

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: UST-078
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas Certification #: 88-0680
California Certification #: MN00064
CNMI Saipan Certification #:MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
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
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 WW Certification #: 382
Wisconsin Certification #: 999407970
Wyoming via EPA Region 8 Certification #: 8TMS-L

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

SAMPLE SUMMARY

Project: Z076000073 AOC 1396 Westlake
Pace Project No.: 10394501

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10394501001	**Trip Blank**	Water	06/29/17 00:00	07/01/17 09:00
10394501002	**MW-213**	Water	06/29/17 12:26	07/01/17 09:00

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

SAMPLE ANALYTE COUNT

Project: Z076000073 AOC 1396 Westlake
Pace Project No.: 10394501

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10394501002	**MW-213**	NWTPH-Gx	AJK	2	PASI-M
		EPA 8260B	MRB	7	PASI-M

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

ANALYTICAL RESULTS

Project: Z076000073 AOC 1396 Westlake
Pace Project No.: 10394501

Sample: MW-213 **Lab ID: 10394501002** Collected: 06/29/17 12:26 Received: 07/01/17 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		07/13/17 01:38		
Surrogates								
a,a,a-Trifluorotoluene (S)	82	%.	50-150	1		07/13/17 01:38	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		07/08/17 05:26	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		07/08/17 05:26	100-41-4	
Toluene	ND	ug/L	1.0	1		07/08/17 05:26	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		07/08/17 05:26	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%.	75-137	1		07/08/17 05:26	17060-07-0	
Toluene-d8 (S)	103	%.	75-125	1		07/08/17 05:26	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1		07/08/17 05:26	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Z076000073 AOC 1396 Westlake
Pace Project No.: 10394501

QC Batch: 484420 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10394501002

METHOD BLANK: 2637867 Matrix: Water
Associated Lab Samples: 10394501002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	07/13/17 00:58	
a,a,a-Trifluorotoluene (S)	%.	82	50-150	07/13/17 00:58	

LABORATORY CONTROL SAMPLE & LCSD: 2637868 2637869

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	996	925	100	92	30-150	7	20	
a,a,a-Trifluorotoluene (S)	%.				96	99	50-150			

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 AOC 1396 Westlake
Pace Project No.: 10394501

QC Batch: 483793 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10394501002

METHOD BLANK: 2634347 Matrix: Water
Associated Lab Samples: 10394501002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	07/08/17 01:02	
Ethylbenzene	ug/L	ND	1.0	07/08/17 01:02	
Toluene	ug/L	ND	1.0	07/08/17 01:02	
Xylene (Total)	ug/L	ND	3.0	07/08/17 01:02	
1,2-Dichloroethane-d4 (S)	%.	102	75-137	07/08/17 01:02	
4-Bromofluorobenzene (S)	%.	106	75-125	07/08/17 01:02	
Toluene-d8 (S)	%.	104	75-125	07/08/17 01:02	

LABORATORY CONTROL SAMPLE & LCSD: 2634348 2634349

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	ug/L	20	21.0	19.9	105	100	74-125	5	20	
Ethylbenzene	ug/L	20	20.6	19.9	103	100	73-125	3	20	
Toluene	ug/L	20	20.3	19.3	101	96	75-125	5	20	
Xylene (Total)	ug/L	60	61.3	59.6	102	99	75-125	3	20	
1,2-Dichloroethane-d4 (S)	%.				98	99	75-137			
4-Bromofluorobenzene (S)	%.				101	100	75-125			
Toluene-d8 (S)	%.				101	104	75-125			

MATRIX SPIKE SAMPLE: 2634350

Parameter	Units	10394451001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	ND	20	20.4	102	74-134	
Ethylbenzene	ug/L	ND	20	20.0	100	75-136	
Toluene	ug/L	ND	20	20.1	101	71-138	
Xylene (Total)	ug/L	ND	60	60.6	101	75-131	
1,2-Dichloroethane-d4 (S)	%.				100	75-137	
4-Bromofluorobenzene (S)	%.				101	75-125	
Toluene-d8 (S)	%.				103	75-125	

SAMPLE DUPLICATE: 2634351

Parameter	Units	10394451002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	

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 AOC 1396 Westlake
Pace Project No.: 10394501

SAMPLE DUPLICATE: 2634351

Parameter	Units	10394451002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane-d4 (S)	%.	104	103	1		
4-Bromofluorobenzene (S)	%.	104	107	3		
Toluene-d8 (S)	%.	103	105	2		

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
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QUALIFIERS

Project: Z076000073 AOC 1396 Westlake
Pace Project No.: 10394501

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.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 483793

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

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Z076000073 AOC 1396 Westlake
Pace Project No.: 10394501

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10394501002	**MW-213**	NWTPH-Gx	484420		
10394501002	**MW-213**	EPA 8260B	483793		

10394501

CHAIN-OF-CUSTODY / Analytical Request Document

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

Pace Analytical

elisabeth.silver@atcassociates.com

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	ATC Group Services LLC	Report To:	~~kyle.sattler@atcassociates.com~~	Attention:	~~Kyle Sattler~~ Elisabeth Silver
Address:	6347 Seaview Avenue NW	Copy To:	Elisabeth.Silver@atcassociates.com	Company Name:	ATC Group Services LLC
	Seattle, WA 98107			Address:	6347 Seaview Avenue NW, Seattle, WA 98107
Email:	~~kyle.sattler@atcassociates.com~~	Purchase Order #:		Pace Quote:	
Phone:	503-407-9933 Fax	Project Name:	AOC 1396 Westlake/Mercer	Pace Project Manager:	jennifer.gross@pacelabs.com,
Requested Due Date:	*10 Day (Standard)*	Project #:	207600073	Pace Profile #:	*33332 / 1*

Regulatory Agency
State / Location
WA - Westlake/ Mercer

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	BTEX by 8260	NWTPH-GX	Residual Chlorine (Y/N)	
1	Trip Blank	OT							6				6									001
2	~~MW-45~~																					
3	~~MWR-5~~																					
4	MW-213	WT	G	06/29/17	1726				6				6					X	X			002
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	ATC	06/29/17	1642		6/30/17	1200	3.0	Y	N	Y
		6/30/17	1200	Pace	7/1/17	9:00	0.3	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Nicholas Turner

SIGNATURE of SAMPLER: DATE Signed: 06/29/17

B0# 2546065

Pace Analytical	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 19Dec2016 Page 1 of 2
	Document No.: **F-MN-L-213-rev.20**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ATC Group **Project #:** WO#: 10394501

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Commercial [ ] Pace [ ] SpeeDee [ ] Other:

Tracking Number: 7112 7140 3537

Custody Seal on Cooler/Box Present? [X] Yes [ ] No **Seals Intact?** [X] Yes [ ] No

Optional: Proj. Due Date: Proj. Name:

Packing Material: [ ] Bubble Wrap [X] Bubble Bags [ ] None [ ] Other: **Temp Blank?** [X] Yes [ ] No

Thermometer Used: [X] 151401163 [ ] 151401164 **Type of Ice:** [X] Wet [ ] Blue [ ] None [ ] Samples on ice, cooling process has begun

Cooler Temp Read (°C): 0.3 **Cooler Temp Corrected (°C):** 0.3 **Biological Tissue Frozen?** [ ] Yes [ ] No [X] N/A

Temp should be above freezing to 6°C **Correction Factor:** true **Date and Initials of Person Examining Contents:** R67 11/17

USDA Regulated Soil ([X] 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?	[X] Yes	[ ] No		1.
Chain of Custody Filled Out?	[X] Yes	[ ] No		2.
Chain of Custody Relinquished?	[X] Yes	[ ] No		3.
Sampler Name and/or Signature on COC?	[X] Yes	[ ] No	[ ] N/A	4.
Samples Arrived within Hold Time?	[X] Yes	[ ] No		5.
Short Hold Time Analysis (<72 hr)?	[ ] Yes	[X] No		6.
Rush Turn Around Time Requested?	[ ] Yes	[X] No		7.
Sufficient Volume?	[X] Yes	[ ] No		8.
Correct Containers Used?	[X] Yes	[ ] No		9.
-Pace Containers Used?	[X] Yes	[ ] No		
Containers Intact?	[X] Yes	[ ] No		10.
Filtered Volume Received for Dissolved Tests?	[ ] Yes	[ ] No	[X] N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	[X] Yes	[ ] No		12.
All containers needing acid/base preservation have been checked? All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, <2pH, NaOH >9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin.	[ ] Yes	[ ] No	[X] N/A	13. [ ] HNO_3 [ ] H_2SO_4 [ ] NaOH Positive for Res. Chlorine? Y N Sample # Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	[ ] Yes	[X] No	[ ] N/A	14.
Trip Blank Present?	[X] Yes	[ ] No	[ ] N/A	15.
Trip Blank Custody Seals Present?	[X] Yes	[ ] No	[ ] N/A	
Pace Trip Blank Lot # (if purchased): 060517-3000				

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

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: JENNI GROSS **Date:** 07/03/17

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

Pace Analytical	Document Name: Cooler Transfer Check List	Revised Date: 23Apr2013 Page 1 of 1
	Document Number: F-MN-C-120-rev.01	Issuing Authority: Pace Minnesota Quality Office

Cooler Transfer Check List

Client: ATC

Project Manager: Jenni Gross

Profile/Line #: 33332/1

Received with Custody Seal: Yes (No)

Custody Seal Intact: Yes No (NA)

	Temp Read	Corrected Temp	Correction Factor
Temperature C:	3.0	3.0	0.0

IR Gun # ~~IR1~~ - Q281 IR2 - 122065284

☑ Samples on ice, cooling process has begun

Rush/Short Hold: NO

Containers Intact: (Yes) No

Re-packed and Re-Iced: ✓

Temp Blank Included: (Yes) No

Shipped By/Date: NO 6/30/17

Notes:

Ship to: (Pace MN) Pace Davis

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

December 28, 2017

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

RE: Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Dear Elisabeth Silver:
Enclosed are the analytical results for sample(s) received by the laboratory on December 15, 2017. 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: Nicholas Turner, ATC Group Services LLC

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.: 10414665

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

Pace Analytical Services, LLC
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SAMPLE SUMMARY

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10414665001	**MW-216**	Water	12/12/17 09:57	12/15/17 09:45
10414665002	**MW-217**	Water	12/12/17 10:50	12/15/17 09:45
10414665003	**MW-218**	Water	12/12/17 11:58	12/15/17 09:45
10414665004	**MW-211**	Water	12/13/17 09:38	12/15/17 09:45
10414665005	**SMW-3**	Water	12/13/17 10:37	12/15/17 09:45
10414665006	**MW-213**	Water	12/13/17 11:34	12/15/17 09:45
10414665007	**MW-215**	Water	12/13/17 12:26	12/15/17 09:45
10414665008	**MW-219**	Water	12/13/17 14:18	12/15/17 09:45
10414665009	**MW-45**	Water	12/13/17 15:20	12/15/17 09:45
10414665010	**MWR-5**	Water	12/13/17 16:15	12/15/17 09:45
10414665011	**Trip Blank**	Water	12/12/17 00:00	12/15/17 09:45

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SAMPLE ANALYTE COUNT

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10414665001	**MW-216**	NWTPH-Gx	AJK	2
		EPA 6010C	DM	1
		6010C Met	DM	1
		EPA 8260B	DJB	7
10414665002	**MW-217**	NWTPH-Gx	AJK	2
		EPA 6010C	DM	1
		6010C Met	DM	1
		EPA 8260B	DJB	7
10414665003	**MW-218**	NWTPH-Gx	AJK	2
		EPA 6010C	DM	1
		6010C Met	DM	1
		EPA 8260B	DJB	7
10414665004	**MW-211**	NWTPH-Gx	LPM	2
		EPA 6010C	DM	1
		6010C Met	DM	1
		EPA 8260B	DJB	7
10414665005	**SMW-3**	NWTPH-Gx	LPM	2
		EPA 6010C	DM	1
		6010C Met	DM	1
		EPA 8260B	DJB	7
10414665006	**MW-213**	NWTPH-Gx	LPM	2
		EPA 6010C	DM	1
		6010C Met	DM	1
		EPA 8260B	DJB	7
10414665007	**MW-215**	NWTPH-Gx	LPM	2
		EPA 6010C	DM	1
		6010C Met	DM	1
		EPA 8260B	DJB	7
10414665008	**MW-219**	NWTPH-Gx	LPM	2
		EPA 6010C	DM	1
		6010C Met	DM	1
		EPA 8260B	DJB	7
10414665009	**MW-45**	NWTPH-Gx	LPM	2
		EPA 6010C	DM	1
		6010C Met	BD1	1
		EPA 8260B	DJB	7
10414665010	**MWR-5**	NWTPH-Gx	LPM	2

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SAMPLE ANALYTE COUNT

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6010C	DM	1
		6010C Met	BD1	1
		EPA 8260B	DJB	7
10414665011	**Trip Blank**	EPA 8260B	DJB	4

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Sample: MW-216 **Lab ID: 10414665001** Collected: 12/12/17 09:57 Received: 12/15/17 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		12/21/17 03:16		
Surrogates								
a,a,a-Trifluorotoluene (S)	88	%.	50-150	1		12/21/17 03:16	98-08-8	
6010C MET ICP	Analytical Method: EPA 6010C Preparation Method: EPA 3010							
Lead	ND	ug/L	10.0	1	12/21/17 08:43	12/22/17 18:33	7439-92-1	
6010C MET ICP, Lab Filtered	Analytical Method: 6010C Met Preparation Method: EPA 3010							
Lead, Dissolved	ND	ug/L	10.0	1	12/20/17 10:05	12/26/17 16:01	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/18/17 23:09	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/18/17 23:09	100-41-4	
Toluene	ND	ug/L	1.0	1		12/18/17 23:09	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		12/18/17 23:09	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%.	75-137	1		12/18/17 23:09	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1		12/18/17 23:09	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1		12/18/17 23:09	460-00-4	

REPORT OF LABORATORY ANALYSIS

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(612)607-1700

ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Sample: MW-217 **Lab ID: 10414665002** Collected: 12/12/17 10:50 Received: 12/15/17 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	**226**	ug/L	100	1		12/21/17 03:33		
Surrogates								
a,a,a-Trifluorotoluene (S)	89	%.	50-150	1		12/21/17 03:33	98-08-8	
6010C MET ICP	Analytical Method: EPA 6010C Preparation Method: EPA 3010							
Lead	ND	ug/L	10.0	1	12/21/17 08:43	12/22/17 18:37	7439-92-1	
6010C MET ICP, Lab Filtered	Analytical Method: 6010C Met Preparation Method: EPA 3010							
Lead, Dissolved	ND	ug/L	10.0	1	12/20/17 10:05	12/26/17 16:05	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/19/17 02:55	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/19/17 02:55	100-41-4	
Toluene	ND	ug/L	1.0	1		12/19/17 02:55	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		12/19/17 02:55	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%.	75-137	1		12/19/17 02:55	17060-07-0	
Toluene-d8 (S)	92	%.	75-125	1		12/19/17 02:55	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	75-125	1		12/19/17 02:55	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(612)607-1700

ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Sample: MW-218 **Lab ID: 10414665003** Collected: 12/12/17 11:58 Received: 12/15/17 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		12/21/17 03:50		pH
Surrogates								
a,a,a-Trifluorotoluene (S)	85	%.	50-150	1		12/21/17 03:50	98-08-8	
6010C MET ICP	Analytical Method: EPA 6010C Preparation Method: EPA 3010							
Lead	ND	ug/L	10.0	1	12/21/17 08:43	12/22/17 18:48	7439-92-1	
6010C MET ICP, Lab Filtered	Analytical Method: 6010C Met Preparation Method: EPA 3010							
Lead, Dissolved	ND	ug/L	10.0	1	12/20/17 10:05	12/26/17 16:08	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/19/17 03:13	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/19/17 03:13	100-41-4	
Toluene	ND	ug/L	1.0	1		12/19/17 03:13	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		12/19/17 03:13	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%.	75-137	1		12/19/17 03:13	17060-07-0	
Toluene-d8 (S)	95	%.	75-125	1		12/19/17 03:13	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	75-125	1		12/19/17 03:13	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 AOC 1396-Westlake+M
Pace Project No.: 10414665

Sample: MW-211 **Lab ID: 10414665004** Collected: 12/13/17 09:38 Received: 12/15/17 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		12/21/17 23:05		HS
Surrogates								
a,a,a-Trifluorotoluene (S)	84	%.	50-150	1		12/21/17 23:05	98-08-8	
6010C MET ICP	Analytical Method: EPA 6010C Preparation Method: EPA 3010							
Lead	ND	ug/L	10.0	1	12/21/17 08:43	12/22/17 18:52	7439-92-1	
6010C MET ICP, Lab Filtered	Analytical Method: 6010C Met Preparation Method: EPA 3010							
Lead, Dissolved	ND	ug/L	10.0	1	12/20/17 10:05	12/26/17 16:12	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/19/17 03:30	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/19/17 03:30	100-41-4	
Toluene	ND	ug/L	1.0	1		12/19/17 03:30	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		12/19/17 03:30	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%.	75-137	1		12/19/17 03:30	17060-07-0	
Toluene-d8 (S)	93	%.	75-125	1		12/19/17 03:30	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	75-125	1		12/19/17 03:30	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Sample: SMW-3 **Lab ID: 10414665005** Collected: 12/13/17 10:37 Received: 12/15/17 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		12/22/17 00:12		HS
Surrogates								
a,a,a-Trifluorotoluene (S)	84	%.	50-150	1		12/22/17 00:12	98-08-8	
6010C MET ICP	Analytical Method: EPA 6010C Preparation Method: EPA 3010							
Lead	ND	ug/L	10.0	1	12/21/17 08:43	12/22/17 18:56	7439-92-1	
6010C MET ICP, Lab Filtered	Analytical Method: 6010C Met Preparation Method: EPA 3010							
Lead, Dissolved	ND	ug/L	10.0	1	12/20/17 10:05	12/26/17 16:16	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/19/17 03:48	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/19/17 03:48	100-41-4	
Toluene	ND	ug/L	1.0	1		12/19/17 03:48	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		12/19/17 03:48	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%.	75-137	1		12/19/17 03:48	17060-07-0	
Toluene-d8 (S)	95	%.	75-125	1		12/19/17 03:48	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		12/19/17 03:48	460-00-4	

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ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Sample: MW-213 **Lab ID: 10414665006** Collected: 12/13/17 11:34 Received: 12/15/17 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		12/22/17 00:29		
Surrogates								
a,a,a-Trifluorotoluene (S)	84	%.	50-150	1		12/22/17 00:29	98-08-8	
6010C MET ICP	Analytical Method: EPA 6010C Preparation Method: EPA 3010							
Lead	ND	ug/L	10.0	1	12/21/17 08:43	12/22/17 18:59	7439-92-1	
6010C MET ICP, Lab Filtered	Analytical Method: 6010C Met Preparation Method: EPA 3010							
Lead, Dissolved	ND	ug/L	10.0	1	12/20/17 10:05	12/26/17 16:20	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/19/17 04:05	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/19/17 04:05	100-41-4	
Toluene	ND	ug/L	1.0	1		12/19/17 04:05	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		12/19/17 04:05	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%.	75-137	1		12/19/17 04:05	17060-07-0	
Toluene-d8 (S)	92	%.	75-125	1		12/19/17 04:05	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	75-125	1		12/19/17 04:05	460-00-4	

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ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Sample: MW-215 **Lab ID: 10414665007** Collected: 12/13/17 12:26 Received: 12/15/17 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		12/22/17 00:46		
Surrogates								
a,a,a-Trifluorotoluene (S)	85	%.	50-150	1		12/22/17 00:46	98-08-8	
6010C MET ICP	Analytical Method: EPA 6010C Preparation Method: EPA 3010							
Lead	ND	ug/L	10.0	1	12/21/17 08:43	12/22/17 19:03	7439-92-1	
6010C MET ICP, Lab Filtered	Analytical Method: 6010C Met Preparation Method: EPA 3010							
Lead, Dissolved	ND	ug/L	10.0	1	12/20/17 10:05	12/26/17 16:23	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/19/17 04:23	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/19/17 04:23	100-41-4	
Toluene	ND	ug/L	1.0	1		12/19/17 04:23	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		12/19/17 04:23	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%.	75-137	1		12/19/17 04:23	17060-07-0	
Toluene-d8 (S)	94	%.	75-125	1		12/19/17 04:23	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1		12/19/17 04:23	460-00-4	

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ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Sample: MW-219 **Lab ID: 10414665008** Collected: 12/13/17 14:18 Received: 12/15/17 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		12/22/17 01:03		
Surrogates								
a,a,a-Trifluorotoluene (S)	85	%.	50-150	1		12/22/17 01:03	98-08-8	
6010C MET ICP	Analytical Method: EPA 6010C Preparation Method: EPA 3010							
Lead	ND	ug/L	10.0	1	12/21/17 08:43	12/22/17 19:07	7439-92-1	
6010C MET ICP, Lab Filtered	Analytical Method: 6010C Met Preparation Method: EPA 3010							
Lead, Dissolved	ND	ug/L	10.0	1	12/20/17 10:05	12/26/17 16:27	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/19/17 14:49	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/19/17 14:49	100-41-4	
Toluene	ND	ug/L	1.0	1		12/19/17 14:49	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		12/19/17 14:49	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%.	75-137	1		12/19/17 14:49	17060-07-0	
Toluene-d8 (S)	94	%.	75-125	1		12/19/17 14:49	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125	1		12/19/17 14:49	460-00-4	

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ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Sample: MW-45 **Lab ID: 10414665009** Collected: 12/13/17 15:20 Received: 12/15/17 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		12/22/17 01:19		
Surrogates								
a,a,a-Trifluorotoluene (S)	87	%.	50-150	1		12/22/17 01:19	98-08-8	
6010C MET ICP	Analytical Method: EPA 6010C Preparation Method: EPA 3010							
Lead	ND	ug/L	10.0	1	12/21/17 08:43	12/22/17 19:11	7439-92-1	
6010C MET ICP, Lab Filtered	Analytical Method: 6010C Met Preparation Method: EPA 3010							
Lead, Dissolved	ND	ug/L	10.0	1	12/20/17 10:05	12/26/17 16:53	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/19/17 17:43	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		12/19/17 17:43	100-41-4	
Toluene	ND	ug/L	1.0	1		12/19/17 17:43	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		12/19/17 17:43	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%.	75-137	1		12/19/17 17:43	17060-07-0	
Toluene-d8 (S)	95	%.	75-125	1		12/19/17 17:43	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125	1		12/19/17 17:43	460-00-4	

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ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Sample: MWR-5 **Lab ID: 10414665010** Collected: 12/13/17 16:15 Received: 12/15/17 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	**713**	ug/L	100	1		12/22/17 01:36		
Surrogates								
a,a,a-Trifluorotoluene (S)	86	%.	50-150	1		12/22/17 01:36	98-08-8	
6010C MET ICP	Analytical Method: EPA 6010C Preparation Method: EPA 3010							
Lead	ND	ug/L	10.0	1	12/21/17 08:43	12/22/17 19:15	7439-92-1	
6010C MET ICP, Lab Filtered	Analytical Method: 6010C Met Preparation Method: EPA 3010							
Lead, Dissolved	ND	ug/L	10.0	1	12/20/17 10:05	12/26/17 16:57	7439-92-1	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/22/17 16:57	71-43-2	
Ethylbenzene	**2.4**	ug/L	1.0	1		12/22/17 16:57	100-41-4	
Toluene	ND	ug/L	1.0	1		12/22/17 16:57	108-88-3	
Xylene (Total)	**20.3**	ug/L	3.0	1		12/22/17 16:57	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%.	75-137	1		12/22/17 16:57	17060-07-0	
Toluene-d8 (S)	102	%.	75-125	1		12/22/17 16:57	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		12/22/17 16:57	460-00-4	

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ANALYTICAL RESULTS

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Sample: Trip Blank **Lab ID: 10414665011** Collected: 12/12/17 00:00 Received: 12/15/17 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/19/17 01:10	71-43-2	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%.	75-137	1		12/19/17 01:10	17060-07-0	
Toluene-d8 (S)	96	%.	75-125	1		12/19/17 01:10	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-125	1		12/19/17 01:10	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

QC Batch: 514323 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10414665001, 10414665002, 10414665003

METHOD BLANK: 2796704 Matrix: Water
Associated Lab Samples: 10414665001, 10414665002, 10414665003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	12/20/17 22:15	
a,a,a-Trifluorotoluene (S)	%.	88	50-150	12/20/17 22:15	

METHOD BLANK: 2796705 Matrix: Water
Associated Lab Samples: 10414665001, 10414665002, 10414665003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	12/20/17 22:32	
a,a,a-Trifluorotoluene (S)	%.	88	50-150	12/20/17 22:32	

LABORATORY CONTROL SAMPLE & LCSD: 2796706 2796707

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	998	988	100	99	30-150	1	20	
a,a,a-Trifluorotoluene (S)	%.				97	98	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2796769 2796770

Parameter	Units	10414272002 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	971	983	97	98	73-125	1	30	
a,a,a-Trifluorotoluene (S)	%.						98	100	50-150			

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

QC Batch: 515013 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10414665004, 10414665005, 10414665006, 10414665007, 10414665008, 10414665009, 10414665010

METHOD BLANK: 2800439 Matrix: Water
Associated Lab Samples: 10414665004, 10414665005, 10414665006, 10414665007, 10414665008, 10414665009, 10414665010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	12/21/17 21:42	
a,a,a-Trifluorotoluene (S)	%.	87	50-150	12/21/17 21:42	

METHOD BLANK: 2800440 Matrix: Water
Associated Lab Samples: 10414665004, 10414665005, 10414665006, 10414665007, 10414665008, 10414665009, 10414665010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	12/21/17 21:59	
a,a,a-Trifluorotoluene (S)	%.	86	50-150	12/21/17 21:59	

LABORATORY CONTROL SAMPLE & LCSD: 2800441 2800442

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	934	921	93	92	30-150	1	20	
a,a,a-Trifluorotoluene (S)	%.				103	96	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2800578 2800579

Parameter	Units	10414665004 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	923	956	92	95	73-125	3	30	
a,a,a-Trifluorotoluene (S)	%.						93	92	50-150			

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

QC Batch: 514110 Analysis Method: EPA 6010C
QC Batch Method: EPA 3010 Analysis Description: 6010C Water
Associated Lab Samples: 10414665001, 10414665002, 10414665003, 10414665004, 10414665005, 10414665006, 10414665007, 10414665008, 10414665009, 10414665010

METHOD BLANK: 2796143 Matrix: Water
Associated Lab Samples: 10414665001, 10414665002, 10414665003, 10414665004, 10414665005, 10414665006, 10414665007, 10414665008, 10414665009, 10414665010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	10.0	12/22/17 18:03	

LABORATORY CONTROL SAMPLE: 2796144

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1000	988	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2796145 2796146

Parameter	Units	10414373001 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	1030	101	100	75-125	1	20	

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

QC Batch: 514417 Analysis Method: 6010C Met
QC Batch Method: EPA 3010 Analysis Description: 6010C Water Dissolved
Associated Lab Samples: 10414665001, 10414665002, 10414665003, 10414665004, 10414665005, 10414665006, 10414665007, 10414665008, 10414665009, 10414665010

METHOD BLANK: 2797479 Matrix: Water
Associated Lab Samples: 10414665001, 10414665002, 10414665003, 10414665004, 10414665005, 10414665006, 10414665007, 10414665008, 10414665009, 10414665010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead, Dissolved	ug/L	ND	10.0	12/26/17 15:08	

LABORATORY CONTROL SAMPLE: 2797480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead, Dissolved	ug/L	1000	980	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2797481 2797482

Parameter	Units	10414272001 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	1020	1020	102	102	75-125	0	20	

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QUALITY CONTROL DATA

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

QC Batch: 514325 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10414665001, 10414665002, 10414665003, 10414665004, 10414665005, 10414665006, 10414665007, 10414665011

METHOD BLANK: 2796732 Matrix: Water
Associated Lab Samples: 10414665001, 10414665002, 10414665003, 10414665004, 10414665005, 10414665006, 10414665007, 10414665011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	12/18/17 22:51	
Ethylbenzene	ug/L	ND	1.0	12/18/17 22:51	
Toluene	ug/L	ND	1.0	12/18/17 22:51	
Xylene (Total)	ug/L	ND	3.0	12/18/17 22:51	
1,2-Dichloroethane-d4 (S)	%.	108	75-137	12/18/17 22:51	
4-Bromofluorobenzene (S)	%.	99	75-125	12/18/17 22:51	
Toluene-d8 (S)	%.	95	75-125	12/18/17 22:51	

LABORATORY CONTROL SAMPLE: 2796733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	19.0	95	74-125	
Ethylbenzene	ug/L	20	19.2	96	73-125	
Toluene	ug/L	20	19.2	96	75-125	
Xylene (Total)	ug/L	60	59.4	99	75-125	
1,2-Dichloroethane-d4 (S)	%.			95	75-137	
4-Bromofluorobenzene (S)	%.			98	75-125	
Toluene-d8 (S)	%.			94	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2796734 2796735

Parameter	Units	10414665001 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	23.7	21.6	119	108	74-134	10	30	
Ethylbenzene	ug/L	ND	20	20	22.6	20.8	113	104	75-136	8	30	
Toluene	ug/L	ND	20	20	23.1	21.3	116	106	71-138	8	30	
Xylene (Total)	ug/L	ND	60	60	66.8	62.4	111	104	75-131	7	30	
1,2-Dichloroethane-d4 (S)	%.						91	91	75-137			
4-Bromofluorobenzene (S)	%.						95	123	75-125			
Toluene-d8 (S)	%.						94	94	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 AOC 1396-Westlake+M
Pace Project No.: 10414665

QC Batch: 514486 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10414665008, 10414665009

METHOD BLANK: 2797739 Matrix: Water
Associated Lab Samples: 10414665008, 10414665009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	12/19/17 14:32	
Ethylbenzene	ug/L	ND	1.0	12/19/17 14:32	
Toluene	ug/L	ND	1.0	12/19/17 14:32	
Xylene (Total)	ug/L	ND	3.0	12/19/17 14:32	
1,2-Dichloroethane-d4 (S)	%.	99	75-137	12/19/17 14:32	
4-Bromofluorobenzene (S)	%.	101	75-125	12/19/17 14:32	
Toluene-d8 (S)	%.	94	75-125	12/19/17 14:32	

LABORATORY CONTROL SAMPLE: 2797740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	19.6	98	74-125	
Ethylbenzene	ug/L	20	18.6	93	73-125	
Toluene	ug/L	20	18.8	94	75-125	
Xylene (Total)	ug/L	60	58.5	98	75-125	
1,2-Dichloroethane-d4 (S)	%.			91	75-137	
4-Bromofluorobenzene (S)	%.			98	75-125	
Toluene-d8 (S)	%.			90	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2797741 2797742

Parameter	Units	10414665008 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	22.0	20.6	110	103	74-134	7	30	
Ethylbenzene	ug/L	ND	20	20	21.5	19.8	108	99	75-136	8	30	
Toluene	ug/L	ND	20	20	21.1	19.6	106	98	71-138	8	30	
Xylene (Total)	ug/L	ND	60	60	65.2	60.7	109	101	75-131	7	30	
1,2-Dichloroethane-d4 (S)	%.						93	93	75-137			
4-Bromofluorobenzene (S)	%.						98	99	75-125			
Toluene-d8 (S)	%.						93	94	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 AOC 1396-Westlake+M
Pace Project No.: 10414665

QC Batch: 515236 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10414665010

METHOD BLANK: 2801621 Matrix: Water
Associated Lab Samples: 10414665010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	12/22/17 14:03	
Ethylbenzene	ug/L	ND	1.0	12/22/17 14:03	
Toluene	ug/L	ND	1.0	12/22/17 14:03	
Xylene (Total)	ug/L	ND	3.0	12/22/17 14:03	
1,2-Dichloroethane-d4 (S)	%.	103	75-137	12/22/17 14:03	
4-Bromofluorobenzene (S)	%.	103	75-125	12/22/17 14:03	
Toluene-d8 (S)	%.	103	75-125	12/22/17 14:03	

LABORATORY CONTROL SAMPLE: 2801622

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	18.8	94	74-125	
Ethylbenzene	ug/L	20	20.4	102	73-125	
Toluene	ug/L	20	19.7	99	75-125	
Xylene (Total)	ug/L	60	62.5	104	75-125	
1,2-Dichloroethane-d4 (S)	%.			92	75-137	
4-Bromofluorobenzene (S)	%.			100	75-125	
Toluene-d8 (S)	%.			100	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2801693 2801694

Parameter	Units	10415259001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	4.6	20	20	22.5	28.8	89	121	74-134	25	30	
Ethylbenzene	ug/L	<0.14	20	20	20.3	26.6	102	133	75-136	27	30	
Toluene	ug/L	0.37J	20	20	20.6	26.6	101	131	71-138	25	30	
Xylene (Total)	ug/L	<0.24	60	60	62.3	80.5	104	134	75-131	25	30	MS
1,2-Dichloroethane-d4 (S)	%.						100	97	75-137			
4-Bromofluorobenzene (S)	%.						101	100	75-125			
Toluene-d8 (S)	%.						98	100	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 AOC 1396-Westlake+M
Pace Project No.: 10414665

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.

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.

ANALYTE QUALIFIERS

HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Z076000073 AOC 1396-Westlake+M
Pace Project No.: 10414665

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10414665001	**MW-216**	NWTPH-Gx	514323		
10414665002	**MW-217**	NWTPH-Gx	514323		
10414665003	**MW-218**	NWTPH-Gx	514323		
10414665004	**MW-211**	NWTPH-Gx	515013		
10414665005	**SMW-3**	NWTPH-Gx	515013		
10414665006	**MW-213**	NWTPH-Gx	515013		
10414665007	**MW-215**	NWTPH-Gx	515013		
10414665008	**MW-219**	NWTPH-Gx	515013		
10414665009	**MW-45**	NWTPH-Gx	515013		
10414665010	**MWR-5**	NWTPH-Gx	515013		
10414665001	**MW-216**	EPA 3010	514110	EPA 6010C	515019
10414665002	**MW-217**	EPA 3010	514110	EPA 6010C	515019
10414665003	**MW-218**	EPA 3010	514110	EPA 6010C	515019
10414665004	**MW-211**	EPA 3010	514110	EPA 6010C	515019
10414665005	**SMW-3**	EPA 3010	514110	EPA 6010C	515019
10414665006	**MW-213**	EPA 3010	514110	EPA 6010C	515019
10414665007	**MW-215**	EPA 3010	514110	EPA 6010C	515019
10414665008	**MW-219**	EPA 3010	514110	EPA 6010C	515019
10414665009	**MW-45**	EPA 3010	514110	EPA 6010C	515019
10414665010	**MWR-5**	EPA 3010	514110	EPA 6010C	515019
10414665001	**MW-216**	EPA 3010	514417	6010C Met	515066
10414665002	**MW-217**	EPA 3010	514417	6010C Met	515066
10414665003	**MW-218**	EPA 3010	514417	6010C Met	515066
10414665004	**MW-211**	EPA 3010	514417	6010C Met	515066
10414665005	**SMW-3**	EPA 3010	514417	6010C Met	515066
10414665006	**MW-213**	EPA 3010	514417	6010C Met	515066
10414665007	**MW-215**	EPA 3010	514417	6010C Met	515066
10414665008	**MW-219**	EPA 3010	514417	6010C Met	515066
10414665009	**MW-45**	EPA 3010	514417	6010C Met	515066
10414665010	**MWR-5**	EPA 3010	514417	6010C Met	515066
10414665001	**MW-216**	EPA 8260B	514325		
10414665002	**MW-217**	EPA 8260B	514325		
10414665003	**MW-218**	EPA 8260B	514325		
10414665004	**MW-211**	EPA 8260B	514325		
10414665005	**SMW-3**	EPA 8260B	514325		
10414665006	**MW-213**	EPA 8260B	514325		
10414665007	**MW-215**	EPA 8260B	514325		
10414665008	**MW-219**	EPA 8260B	514486		
10414665009	**MW-45**	EPA 8260B	514486		
10414665010	**MWR-5**	EPA 8260B	515236		
10414665011	**Trip Blank**	EPA 8260B	514325		

REPORT OF LABORATORY ANALYSIS

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.

10414665

Page: 1 of 1

2134771

Section A Required Client Information:

Company: ATC
Address: 6347 Seaview Ave. NW
Email To: elisabeth.silver@atcassociates.com
Phone: 206 781 1449 Fax:
Requested Due Date/TAT: Standard TAT

Section B Required Project Information:

Report To: E. Silver
Copy To: Nicholas Turner
Purchase Order No.:
Project Name: AOC 1396 — Westlake+Mercer
Project Number: Z0760600073

Section C Invoice Information:

Attention: E. Silver
Company Name: ATC
Address: 6347 Seaview Ave. NW
Pace Quote Reference:
Pace Project Manager: Jenni Gross
Pace Profile #: 32376/2

REGULATORY AGENCY

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

Site Location STATE: WA

Section D Required Client Information

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

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

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	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED 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	Dissolved Pb	Total Pb	Benzene	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-216	WT	G	12-12-17	0957				8	X		X	X						X	X	X			001
2	MW-217	WT	G	↓	1050				8	X		X	X						X	X	X			002
3	MW-218	WT	G	↓	1158				8	X		X	X						X	X	X			003
4	MW-211	WT	G	12/13/17	0938				8	X		X	X						X	X	X			004
5	SMW-3	WT	G		1037				8	X		X	X						X	X	X			005
6	MW-213	WT	G		1134				8	X		X	X						X	X	X			006
7	MW-215	WT	G		1226				8	X		X	X						X	X	X			007
8	MW-214	WT	G		1418				8	X		X	X						X	X	X			008
9	MW-45	WT	G		1520				8	X		X	X						X	X	X			009
10	MWR-5	WT	G	↓	1615				8	X		X	X						X	X	X			010
11	Trip Blank	WT	/	/	/	/	/		3				X									X		011
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	ATC			Pace	12-14-17	1253	2.9	Y	N	Y
		12-14-17	1700	Pace	12-15-17	945	0.8	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Nicholas Turner
SIGNATURE of SAMPLER:
DATE Signed (MM/DD/YY): 12/14/17

*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: 14Dec2017 Page 1 of 2
	Document No.: **F-MN-L-213-rev.22**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ATC

Project #: MD 12/15/17

WO#: 10414665

10414665

Courier: ☒Fed Ex ☐UPS ☐USPS ~~☒Client~~ ☐Commercial ☐Pace ☐SpeeDee ☐Other:

Tracking Number: 7448 1033 1318

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: PB **Temp Blank?** ☒Yes ☐No

Thermometer Used: ☐151401163 ☒G87A9155100842 **Type of Ice:** ☒Wet ☐Blue ☐None ☐Dry ☐Melted

Cooler Temp Read (°C): 0.7 **Cooler Temp Corrected (°C):** 0.8 **Biological Tissue Frozen?** ☐Yes ☐No ☒N/A

Temp should be above freezing to 6°C **Correction Factor:** +0.1 **Date and Initials of Person Examining Contents:** MD 12/15/17

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? -Pace Containers Used?	☒Yes ☒Yes	☐No ☐No		9.
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
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	☒Yes	☐No		12.
All containers needing acid/base preservation have been checked? All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, <2pH, NaOH >9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin.	☒Yes ☒Yes ☒Yes	☐No ☐No ☐No	☐N/A ☐N/A ☐N/A	13. ☑HNO_3 ☐H_2SO_4 ☐NaOH Positive for Res. Chlorine? Y N Sample # 1-10 1/1 Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)? 12/15/17 MD	~~☒Yes~~	~~☒No~~	☐N/A	14. see exceptions
Trip Blank Present?	☑Yes	☐No	☐N/A	15.
Trip Blank Custody Seals Present?	☑Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased): 140362				

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

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Jenni Gross **Date:** 12/15/17

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

Pace Analytical	Document Name: **Headspace Exception**	Document Revised: 06Nov2017 Page 1 of 1
	Document No.: **F-MN-C-276-Rev.00**	Issuing Authority: Pace Minnesota Quality Office

Sample ID	Headspace > 6mm	Headspace < 6mm	No Headspace	Total Vials
MW 216	0	2	4	6
MW 217	0	3	3	6
MW 218	0	6	0	6
MW 211	0	5	1	6
MSW 3	0	6	0	6
MW 213	0	4	~~0~~ 2 MD 12/15/17	6
MW 215	0	5	1	6
MW 219	0	4	2	6
MW 45	0	0	6	6
MWR 5	0	1	5	6
Trip Blank	0	0	3	3

Pace Analytical	Document Name: Cooler Transfer Check List	Revised Date: 23Apr2013 Page 1 of 1
	Document Number: F-MN-C-120-rev.01	Issuing Authority: Pace Minnesota Quality Office

Cooler Transfer Check List

Client: ATC

Project Manager: Jenni Gross

Profile/Line #: 32376/2

Received with Custody Seal: Yes (No)

Custody Seal Intact: Yes No (NA)

	Temp Read	Corrected Temp	Correction Factor
Temperature C:	2.7	2.9	10.2

IR Gun # (R1) - Q281 IR2 - 122065284

☒ Samples on ice, cooling process has begun

Rush/Short Hold: NO

Containers Intact: (Yes) No

Re-packed and Re-Iced: ✓

Temp Blank Included: (Yes) No

Shipped By/Date: NO 12-14-17

Notes:

Ship to: Pace MN Pace Davis

APPENDIX B

FIELD NOTES / GROUNDWATER GAUGING & SAMPLING LOGS

Monitor Well Gauging Log

FLD-102
Revision 0.0
Jul-08

ATC Branch: Seattle, WA	Date: 06/29/17	Page 1 of 1
ATC Representative(s): ~~Cody Bishop~~ Nicholas Tolan	Project: AOC #1396	
	Location: 600 Westlake Ave N, Seattle, WA	
Contact Information: 206-781-1449	Project No: Z076000073	Task No:
	Weather: Clear	Temperature: ~~65~~ 70
Water Level Meter Model/ID: ~~EnviroTape~~ Solinst	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								No Access.
MWR-5	2	1029	1029	—	DRY	—	16.20	Petro odor
MWR-6	2	1005	1005	—	DRY	—	17.50	
MW-45	2	1023	1023	—	DRY	—	19.00	
MW-213	2	1046	1046	—	17.81	—	19.80	
MW-215	2	1037	1037	—	DRY	—	16.71	

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: 06/29/17	Page 1 of 1
ATC Representative(s): Nicholas Turner	Project: AOC 1396 - Westlake & Mercer	
	Location: 600 Westlake Ave N, Seattle, Wa	
Contact Information: **206-781-1449**	Project No: 20760000073	Task No:
Well ID: MWR-1		
	Weather: Clear	Temperature: 70

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**	

Monitoring Measurements

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

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other

Sample Data

Sample ID:	Time of Sample:	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:				
(x6) 40mL VOAs		No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles		No / Lab Filtered	HNO3 / None	Total / 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: X could not locate. No access.

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle, WA	Date: 06/29/17	Page 1 of 1
ATC Representative(s): Nicholas Turner	Project: AOC 1396 - West Lake & Mercer	
	Location: 600 Westlake Ave N, Seattle, WA	
Contact Information: **206-781-1449**	Project No: 20760003773	Task No:
Well ID: MWR-5		
	Weather: Clear	Temperature: 70

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): ~~Envirotape~~ Solinst	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

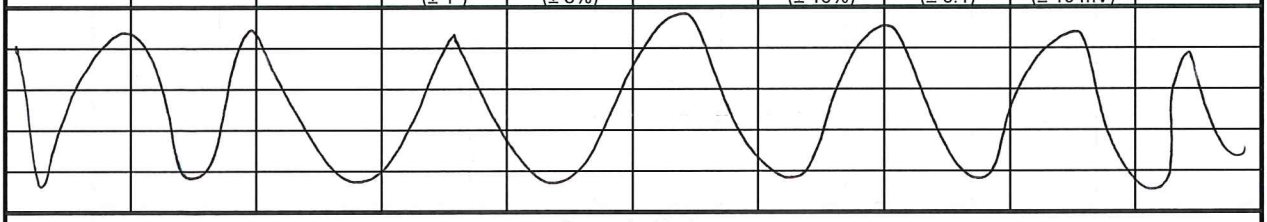
Casing Diameter **(Circle)**:	(2")	4"	6"	Other
Casing Multiplier (CM)(gallons/foot):	**0.16**	**0.65**	**1.47**	

Monitoring Measurements

Depth to LNAPL (feet): ———	Total Well Depth (feet): 16.20
Depth to Water (DTW)(feet): DRY	Water Column (WC)(feet): ———
LNAPL Thickness (ft): ———	Purging Start Time: ———

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other



Sample Data

Sample ID:	Time of Sample:	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:				
(x6) 40mL VOAs		No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles		No / Lab Filtered	HNO3 / None	Total / 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: ~~X~~ Well is dry, No purge, No sample.

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle, WA	Date: 06/29/17	Page 1 of 1
ATC Representative(s): N. Nicholas Turner	Project: AOC 1396 Westlake & Mercer	
	Location: 600 Westlake Ave N, Seattle, Wa	
Contact Information: **206-781-1449**	Project No: 20760000.73	Task No:
Well ID: MWR-6	Weather: Clear	Temperature: 70

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**	

Monitoring Measurements

Depth to LNAPL (feet): —	Total Well Depth (feet): 17.56
Depth to Water (DTW)(feet): DRY	Water Column (WC)(feet): —
LNAPL Thickness (ft): —	Purging Start Time: —

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other

Sample Data

Sample ID:	Time of Sample:	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:				
(x6) 40mL VOAs		No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles		No / Lab Filtered	HNO3 / None	Total / 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 dewatered no sample

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle, WA	Date: 06/29/17	Page 1 of 1
ATC Representative(s): Nicholas Turner	Project: AOC 1396 - Westlake & Mercer	
	Location: 600 Westlake Ave N, Seattle WA	
Contact Information: 206-781-1449	Project No: 20760000073	Task No:
Well ID: MW-45	Weather: Clear	Temperature: 70

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): ~~Envirotape~~ Solinst	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

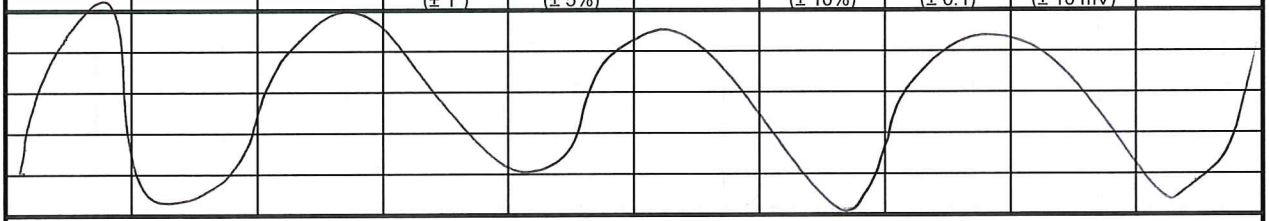
Casing Diameter (Circle):	(2")	4"	6"	Other
Casing Multiplier (CM)(gallons/foot):	0.16	0.65	1.47	

Monitoring Measurements

Depth to LNAPL (feet): —	Total Well Depth (feet): 19.00
Depth to Water (DTW)(feet): Dry	Water Column (WC)(feet): —
LNAPL Thickness (ft): —	Purging Start Time: —

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other



Sample Data

Sample ID:	Time of Sample:	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:				
(x6) 40mL VOAs		No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles		No / Lab Filtered	HNO3 / None	Total / 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 is dry, No purge, No Sample.

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle, WA	Date: 06/29/17	Page 1 of 1
ATC Representative(s): Nicholas Turner	Project: AOC -1396 West lake & mercer	
	Location: 600 Westlake Ave N, Seattle WA	
Contact Information: 206-781-1449	Project No: Z0760003.73	Task No:
Well ID: MW-213		
	Weather: Clear	Temperature: (NA) 70

Purging & Sampling Instrumentation & Method

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

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

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

Sampling Method: ____ Teflon Bailer X 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	

0.16 x 1.99 = 0.32 x 3WV = 0.96

Monitoring Measurements

Depth to LNAPL (feet): —	Total Well Depth (feet): 19.80
Depth to Water (DTW)(feet): 17.81	Water Column (WC)(feet): 1.99
LNAPL Thickness (ft): —	Purging Start Time: 1226 Endtime: 1233

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1226	17.98	0.32	17.39	1126	Clear	16.16	7.37	52.7	
1233	19.60	0.64	15.19	911	Turbid	3.68	7.66	-45.0	
		0.96							NT

Sample Data

Sample ID: MW-213	Time of Sample: 1226	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:				
(x6) 40mL VOAs		No	HCl	BTEX / NWTPHGx
~~(x2) 250mL Polyethylene bottles~~		~~No / Lab Filtered~~	HNO3 / None	~~Total / 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: Was de Watered after 2nd set of readings.
And was very turbidy more like a Slurry than water.

Monitoring Well Purging and Sampling Log

FLD-103
Revision 1.0
Jul-08

ATC Branch: Seattle, WA	Date: 06/29/17	Page 1 of 1
ATC Representative(s): Nicholas Turner	Project: Aox 1396 Westlake & Mercer	
Contact Information: 206-781-1449	Location: 600 Westlake Ave N, Seattle, WA	
	Project No: 20760000.73	Task No:
Well ID: MW-215	Weather: Clear	Temperature: 70

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**	

Monitoring Measurements

Depth to LNAPL (feet): —	Total Well Depth (feet): 16.71
Depth to Water (DTW)(feet): Dry	Water Column (WC)(feet):
LNAPL Thickness (ft): —	Purging Start Time:

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other

Sample Data

Sample ID:	Time of Sample:	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:				
(x6) 40mL VOAs		No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles		No / Lab Filtered	HNO3 / None	Total / 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 dewatered, NO Sample.

Field Report

FLD-100
Revision 0.0
Jul-08

ATC Branch: Seattle, WA	Date: 06/29/17	Page 1 of 2
ATC Representative(s): Nicholas Turner	Project: AOC 1396 - Westlake & Mercer	
	Location: 600 Westlake Ave N, Seattle, WA	
Scope of Work: X Monitoring ___ Assessment ___ Remediation ___ Closure	Project No: Z076000073	
	Weather: Clear	Temperature: 70
	Contractor: ———	

Time:	Comments:
0745	load Truck for ground water sampling.
0815	Truck loaded begin travel to the site.
0850	On site, perform Tailgate H&S Meeting. Also perform Site walk, take photos of site conditions. A lot of construction has taken place, try to find wells and see if access is available.
0923	MWR-1 is covered by a Temporary Construction office building, will not be able to gauge. MWR-5 is visible, but in order to access construction materials will need to be moved, MW-45 is accessable and MW-213 is only accessable if ATC drives on the Sidewalk. Call Ben Chevlen to discuss above information.
0930	Will charge battery pack for peristaltic pump so that ATC can walk equipment to MW-213. Will park Vehicle by MW-45.
1000	Will gauge all wells Starting with MWR-6.
1015	Ben Chevlen calls discussing well spec's for MW-45 and MWR-5.
1023	Gauge MW-45. Dry at 19.00' bTOC. Contine gauging MWR-5, MW-213 and MW-215.
1056	All wells gauged, all well be watered except for MW-213. Peristaltic pump battery pack is charging and has been charging

Equipment Used:

Contractor Hours (per Person):	Staff / Technician Hours:	Mileage:
Copies To:	Project Manager: ~~Kyle Sattle~~ Elisabeth Silver	
	Reviewed By:	

Monitor Well Gauging Log

FLD-102
Revision 0.0
Jul-08

ATC Branch: Seattle, WA	Date: 12/12/17	Page 1 of 1
ATC Representative(s): ~~Cody Bishop~~ N. Turner	Project: AOC #1396	
	Location: 600 Westlake Ave N, Seattle, WA	
Contact Information: 206-781-1449	Project No: Z076000073	Task No:
	Weather: Clear	Temperature: 45
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)
MW-216	2	0930	0930	—	21.15	—	25.00	
MW-217	2	1017	1017	—	19.67	—	24.50	
MW-218	2	1112	1112	—	15.72	—	25.10	
MWR-5	2	1350	1350	—	13.94	—	16.37	collected on 12/12.
MW-45	2	1359	1359	—	14.05	—	19.20	
~~MW-214~~	~~2~~	~~1415~~	~~1415~~	~~—~~	~~8.81~~	~~—~~	~~23.24~~	~~BTX 778~~
MW-213	2	1515	1515	—	15.13	—	20.02	
MW-215	2	1520	1520	—	15.75	—	16.9	
MW-219	2	1535	1535	—	14.99	—	19.02	
MW-211	2	1557	1557	—	12.51	—	20.12	
SMW-3	2	1605	1605	—	10.82	—	19.72	

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: 12/12/17	Page 1 of 1
ATC Representative(s): N. Turner / B. Goulet	Project: AOC 1396 - Westlake	
	Location: 600 Westlake Ave North	
Contact Information: **206-781-1449**	Project No: 20760000 73	Task No:
Well ID: MW-216		
	Weather: Overcast	Temperature: 40

Purging & Sampling Instrumentation & Method

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

Purging Method: _____ PVC Bailer _____ Vacuum Truck _____ Submersible Pump _X_ Peristaltic Pump Other: _____

3 Well Volumes __X__ Low Flow ____ Micro Purge _____ Intake Depth (feet below TOC) 22.5

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**

Monitoring Measurements

Depth to LNAPL (feet): —	Total Well Depth (feet): 25.00
Depth to Water (DTW)(feet): 21.15	Water Column (WC)(feet): 3.85
LNAPL Thickness (ft): —	Purging Start Time: 0938

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
0948	21.61	1.0	13.27	894		0.79	7.79	-227.5	
0951	21.67	1.3	13.24	886		0.69	7.78	-225.6	
0954	21.69	1.6	13.26	880		0.68	7.76	-223.0	
0957	21.78	1.9	13.27	875		0.63	7.77	-221.4	

Sample Data

Sample ID: MW-216	Time of Sample: 0957	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:				
(x6) 40mL VOAs		No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles		No / Lab Filtered	HNO3 / None	Total / Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):	Approximate Flow Rate (GPM): mL/min 100 mL/min
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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Jul-08

ATC Branch: Seattle, WA
Date: 12/12/17
Page 1 of 2

ATC Representative(s): N. Turner / B. Gorlick
Project: AOC 1396 - Westlake
Location: 600 Westlake Ave North
Contact Information: **206-781-1449**
Project No: 207600073
Task No:

Well ID: MW-217
Weather: Overcast
Temperature: 40

Purging & Sampling Instrumentation & Method

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

Purging Method: _____ PVC Bailer _____ Vacuum Truck _____ Submersible Pump _X_ Peristaltic Pump Other: _____

3 Well Volumes __X__ Low Flow ____ Micro Purge _____ Intake Depth (feet below TOC) 22

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**

Monitoring Measurements

Depth to LNAPL (feet): —
Total Well Depth (feet): 24.50
Depth to Water (DTW)(feet): 19.67
Water Column (WC)(feet): 4.83
LNAPL Thickness (ft): —
Purging Start Time: 1025

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1035	20.13	1.0	13.97	766		0.86	7.63	+202.1	
1038	20.17	1.3	13.91	756		0.70	7.62	+183.9	
1041	20.24	1.6	13.83	745		0.64	7.60	+170.2	
1044	20.31	1.9	13.85	742		0.58	7.58	+160.0	
1047	20.37	2.2	13.87	746		0.55	7.57	+162.0	

Sample Data

Sample ID: MW-217
Time of Sample: 1050

Container Types, Volumes, & Quantities:	Filtered (yes/no)	Preservative	Analytical Parameters
(x6) 40mL VOAs	No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles	No / Lab Filtered	HNO3 / None	Total / Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):
Approximate Flow Rate (~~GPM~~): mL/min 100 mL/min
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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FLD-103a
Revision 1.0
Jul-08

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (± 10 mV)	Other
1050		2.5	14.01	749		0.54	7.57	-162.7	

Comments:

Monitoring Well Purging and Sampling Log

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Jul-08

ATC Branch: Seattle, WA | Date: 12/12/17 | Page 1 of 2

ATC Representative(s): N. Turner / B. Goulet | Project: AOC 1396 - Westlake

Contact Information: 206-781-1449 | Location: 600 Westlake Ave North

Project No: 20760000 73 | Task No: 76001

Well ID: MW-218 | Weather: Overcast | Temperature: 40

Purging & Sampling Instrumentation & Method

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

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

Purging Method: _____ PVC Bailer _____ Vacuum Truck _____ Submersible Pump _X_ Peristaltic Pump Other: _____

3 Well Volumes __X__ Low Flow ____ Micro Purge _____ Intake Depth (feet below TOC) 20.5

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	

Monitoring Measurements

Depth to LNAPL (feet): — | Total Well Depth (feet): 25.10

Depth to Water (DTW)(feet): 15.72 | Water Column (WC)(feet): 9.38

LNAPL Thickness (ft): — | Purging Start Time: 1118

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (~~Gallons~~) Liters	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1128	15.97	1.0	14.88	667		1.26	7.63	-172.0	
1131	16.02	1.3	15.48	672		1.02	7.64	-174.7	
1134	16.05	1.6	15.38	676		0.85	7.65	-181.2	
1137	16.08	1.9	15.42	679		0.55	7.66	-181.1	
1140	16.09	2.2	15.46	683		0.75	7.66	-180.0	

Sample Data

Sample ID: MW-218 | Time of Sample: 1158

Container Types, Volumes, & Quantities:	Filtered (yes/no)	Preservative	Analytical Parameters
(x6) 40mL VOAs	No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles	No / Lab Filtered	HNO3 / None	Total / Dissolved Pb

Well Recovery Data

mL/min

Maximum Drawdown (DTW*m*)(feet): | Approximate Flow Rate (~~GPM~~): 100 mL/min

Recovery Type: _____ Fast _____ Slow | % Recovery =

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

Comments:

Monitoring Well Purging and Sampling Log

MW-218 RoF2

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Revision 1.0
Jul-08

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged ~~(Gallons)~~ Liters	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (± 10 mV)	Other
1143	16.11	2.5	15.53	685		6.62	7.67	-179.1	
1146	16.14	2.8	15.61	688		0.56	7.67	-179.5	
1149	16.15	3.1	15.65	689		0.50	7.68	-179.7	
1152	16.16	3.4	15.69	690		0.43	7.68	-180.8	
1155	16.17	3.7	15.79	690		0.41	7.68	-180.7	
1158	16.19	4.0	15.90	691		0.41	7.68	-179.8	

Comments:

Monitoring Well Purging and Sampling Log

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Jul-08

ATC Branch: Seattle, WA
Date: 12/13/17
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ATC Representative(s): N. Turner / S. Payne
Project: AOC 1396 - West Lake
Location: 800 Westlake Ave North
Contact Information: 206-781-1449
Project No: Z0760000 73
Task No:

Well ID: MW-211
Weather: Clear
Temperature: 40

Purging & Sampling Instrumentation & Method

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

Purging Method: _____ PVC Bailer _____ Vacuum Truck _____ Submersible Pump _X_ Peristaltic Pump Other: _____

3 Well Volumes __X__ Low Flow ____ Micro Purge _____ Intake Depth (feet below TOC) 14

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**

Monitoring Measurements

Depth to LNAPL (feet): —
Total Well Depth (feet): 20.12
Depth to Water (DTW)(feet): 12.52
Water Column (WC)(feet): 7.60
LNAPL Thickness (ft):
Purging Start Time: 0904

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (~~Gallons~~ Liter)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
0914	12.72	1.0	12.48	590		1.42	7.54	-113.3	
0917	12.74	1.3	12.33	591		1.33	7.59	-121.9	
0920	12.74	1.6	12.16	600		1.19	7.58	-123.3	
0923	12.75	1.9	12.12	633		1.02	7.60	-124.0	
0926	12.77	2.2	11.96	646		0.86	7.61	-124.0	

Sample Data

Sample ID: MW-211
Time of Sample: 0938

Container Types, Volumes, & Quantities:	Filtered (yes/no)	Preservative	Analytical Parameters
(x6) 40mL VOAs	No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles	No / Lab Filtered	HNO3 / None	Total / Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):
Approximate Flow Rate (GPM): 100 mL/min
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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Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (± 10 mV)	Other
0929	12.77	2.5	11.78	658		0.74	7.62	-122.5	
0932	12.77	2.8	11.92	667		0.66	7.63	-123.7	
0935	12.78	3.1	12.09	674		0.63	7.65	-128.3	
0938	12.78	3.4	12.54	685		0.61	7.68	-139.5	

Comments:

Monitoring Well Purging and Sampling Log

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ATC Branch: Seattle, WA	Date: 12/13/17	Page 1 of 2
ATC Representative(s): N. Turner / Simon [illegible]	Project: AOC 1396 - Westlake	
	Location: 600 Westlake Ave N	
Contact Information: 206-781-1449	Project No: 760000 73	Task No: 7600 1
Well ID: SMW-3	Weather: clear	Temperature: 40

Purging & Sampling Instrumentation & Method

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

Purging Method: _____ PVC Bailer _____ Vacuum Truck _____ Submersible Pump _X_ Peristaltic Pump Other: _____

3 Well Volumes __X__ Low Flow ____ Micro Purge _____ Intake Depth (feet below TOC) 15

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	

Monitoring Measurements

Depth to LNAPL (feet): —	Total Well Depth (feet): 19.72
Depth to Water (DTW)(feet): 10.87	Water Column (WC)(feet): 8.85
LNAPL Thickness (ft): —	Purging Start Time: 1000

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged ~~(Gallons)~~ Liter	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1010	10.95	1.0	13.83	661		1.71	7.67	-136.2	
1013	10.97	1.3	13.76	659		1.30	7.67	-139.0	
1016	10.97	1.6	13.75	658		0.92	7.68	-142.2	
1019	10.97	1.9	13.81	658		0.78	7.68	-147.6	
1022	10.99	2.2	13.81	658		0.63	7.68	-145.7	

Sample Data

Sample ID: SMW-3	Time of Sample: 1037	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:				
(x6) 40mL VOAs		No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles		No / Lab Filtered	HNO3 / None	Total / Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):	Approximate Flow Rate ~~(GPM)~~: 100 mL/min
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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Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (~~Gallons~~ Liters)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (± 10 mV)	Other
1025	11.00	2.5	13.88	659		0.60	7.69	-146.9	
1028	11.00	2.8	14.07	662		0.53	7.69	-151.0	
1031	11.00	3.1	14.14	664		0.46	7.68	-148.8	
1034	11.00	3.4	14.15	665		0.44	7.68	-153.8	
1037	11.00	3.7	14.08	664		0.42	7.67	-146.9	

Comments:

Monitoring Well Purging and Sampling Log

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ATC Branch: Seattle, WA	Date: 12/13/17	Page of
ATC Representative(s): N. Turner / S. Payne	Project: AOC 1396 - Westlake	
	Location: 600 Westlake Ave N	
Contact Information: 206-781-1449	Project No: Z0766000 73	Task No: 76001
Well ID: MW-213		
	Weather: Clear	Temperature: 45

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) 17

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**	

Monitoring Measurements

Depth to LNAPL (feet): —	Total Well Depth (feet): 20.02
Depth to Water (DTW)(feet): 15.10	Water Column (WC)(feet): 4.92
LNAPL Thickness (ft): —	Purging Start Time: 1117

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons) Liters	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1122	15.96	1.0	13.43	589		1.09	7.85	-147.3	
1125	16.02	1.3	13.42	588		0.89	7.87	-147.9	
1128	16.04	1.6	13.45	586		0.75	7.88	-153.1	
1131	16.09	1.9	13.34	584		0.70	7.86	-145.5	
1134	16.14	2.2	13.49	585		0.67	7.87	-152.1	

Sample Data

Sample ID: MW-213	Time of Sample: 1134	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:				
(x6) 40mL VOAs		No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles		No / Lab Filtered	HNO3 / None	Total / Dissolved Pb

Well Recovery Data

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

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

Comments:

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ATC Branch: Seattle, WA	Date: 12/13/17	Page 1 of 2	
ATC Representative(s): N. Turner / S. Payne	Project: AOC 1396 - Westlake		
	Location: 600 West Lake Ave N		
Contact Information: 206-781-1449	Project No: Z076000073	Task No:	
Well ID: MW-215			
	Weather: clear	Temperature: 48	

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) TD

Sampling Method: _____ Teflon Bailer _____ Disposable Bailer __X__ Dedicated Tubing Other: _________

Casing Volume Information

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

Monitoring Measurements

Depth to LNAPL (feet): —	Total Well Depth (feet): 16.90
Depth to Water (DTW)(feet): 15.74	Water Column (WC)(feet): 1.16
LNAPL Thickness (ft): —	Purging Start Time: 1158

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (~~Gallons~~) Liter	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1208	16.09	0.60	12.54	618	X	1.90	7.63	-160.3	
1211	16.13	0.78	12.68	619	X	1.33	7.64	-165.8	
1214	16.19	0.96	12.79	619	X	1.04	7.64	-169.4	
1217	16.23	1.14	12.91	619	X	0.78	7.64	-172.7	
1220	16.26	1.32	12.99	617	X	0.65	7.65	-173.5	

Sample Data

Sample ID: MW-215 / Time of Sample: 1226	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:			
(x6) 40mL VOAs	No	HCl	BTEX / NWTPHGx
(x2) 250mL Polyethylene bottles	No / Lab Filtered	HNO3 / None	Total / Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):	Approximate Flow Rate (~~GPM~~): 60 mL/min
Recovery Type: _____ Fast _____ Slow	% Recovery =

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

Comments:

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Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (± 10 mV)	Other
1223	16.34	1.50	12.91	615		0.56	7.64	-172.6	
1226	16.38	1.68	13.10	610		0.54	7.63	-173.8	

Comments:

Monitoring Well Purging and Sampling Log

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ATC Branch: Seattle, WA	Date: 12/13/17	Page 1 of
ATC Representative(s): N. Turner / S. Payne	Project: AOC 1396 - Westlake	
	Location: 600 Westlake Ave N	
Contact Information: 206-781-1449	Project No: Z0760000073	Task No: 76001
Well ID: MW-219		
	Weather: clear	Temperature: 48

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) 16.5

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**	

Monitoring Measurements

Depth to LNAPL (feet):	Total Well Depth (feet): 19.00
Depth to Water (DTW)(feet): 14.98	Water Column (WC)(feet): 5.02
LNAPL Thickness (ft):	Purging Start Time: 1350

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (~~Gallons~~) Liters	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1400	15.05	0.5	15.77	561		1.18	7.51	-156.6	
1403	15.07	0.65	15.77	561		0.69	7.53	-161.9	
1406	15.05	0.80	15.74	560		0.56	7.56	-166.6	
1409	15.06	0.95	15.81	562		0.49	7.55	-169.1	
1412	15.06	1.10	15.72	561		0.46	7.55	-171.9	

Sample Data

Sample ID: MW-219	Time of Sample: 1418	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:				
(x6) 40mL VOAs		No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles		No / Lab Filtered	HNO3 / None	Total / Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):	Approximate Flow Rate (~~GPM~~): 50 mL/min
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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Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (~~Gallons~~ Litres)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (± 10 mV)	Other
1415	15.06	1.25	15.73	562		0.43	7.58	-173.0	
1418	15.06	1.40	15.68	561		0.40	7.57	-171.6	

Comments:

Monitoring Well Purging and Sampling Log

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ATC Branch: Seattle, WA
Date: 12/13/17
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ATC Representative(s): N. Turner / S. Payne
Project: AOC 1396 - Westlake
Location: 600 Westlake Ave N
Contact Information: 206-781-1449
Project No: Z0760000073
Task No: 76601

Well ID: MW-45

Weather: Clear
Temperature: 48

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) 17

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	

Monitoring Measurements

Depth to LNAPL (feet): —
Total Well Depth (feet): 19.20
Depth to Water (DTW)(feet): 14.05
Water Column (WC)(feet): 5.15
LNAPL Thickness (ft): —
Purging Start Time: 1452

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons) Liters	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1502	14.23	1.0	10.83	180		1.31	7.78	-198.4	
1505	14.23	1.3	10.85	179		1.40	7.78	-195.9	
1508	14.23	1.6	10.84	179		0.90	7.79	-200.4	
1511	14.23	1.9	10.83	178		0.96	7.79	-205.3	
1514	14.24	2.2	10.83	178		0.76	7.79	-205.2	

Sample Data

Sample ID: MW-45
Time of Sample: 1520

Container Types, Volumes, & Quantities:	Filtered (yes/no)	Preservative	Analytical Parameters
(x6) 40mL VOAs	No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles	No / Lab Filtered	HNO3 / None	Total / Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):
Approximate Flow Rate (~~GPM~~): 100 mL/min
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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Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (± 10 mV)	Other
1517	14.24	2.5	10.81	177	X	0.68	7.78	-205.4	
1520	14.24	2.8	10.81	177		0.73	7.79	-207.4	

Comments:

Monitoring Well Purging and Sampling Log

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ATC Branch: Seattle, WA	Date: 12/13/17	Page 1 of 2
ATC Representative(s): N. Turner / S. Payne	Project: AOC 1396 - West Lake	
	Location: 600 West Lake Ave N	
Contact Information: 206-781-1449	Project No: 20760000.73	Task No: 76001
Well ID: MWR-5		
	Weather: Clear	Temperature: 95

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) 15

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**	

Monitoring Measurements

Depth to LNAPL (feet): —	Total Well Depth (feet): 16.37
Depth to Water (DTW)(feet): 14.15	Water Column (WC)(feet): 2.22
LNAPL Thickness (ft): —	Purging Start Time: 1541

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged ~~(Gallons)~~ L.ltr	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (mV) (± 10 mV)	Other
1551	14.84	1.0	9.62	206		1.86	7.61	-168.2	
1554	14.97	1.3	9.63	207		1.66	7.61	-168.2	
1557	~~15.13~~	1.6	9.63	207		1.49	7.61	-169.0	
1600	15.13	1.9	9.68	206		1.22	7.62	-169.1	
1603	15.13	2.2	9.52	204		1.06	7.61	-167.7	

Sample Data

Sample ID: MWR-5	Time of Sample: 1615	Filtered (yes/no)	Preservative	Analytical Parameters
Container Types, Volumes, & Quantities:				
(x6) 40mL VOAs		No	HCl	BTEX / NWTPHGx
(x2) 250mL Poylethylene bottles		No / Lab Filtered	HNO3 / None	Total / Dissolved Pb

Well Recovery Data

Maximum Drawdown (DTW*m*)(feet):	Approximate Flow Rate ~~(GPM)~~: 100 mL/min
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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Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Gallons)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 5%)	Turbidity	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1)	ORP (± 10 mV)	Other
~~1606~~		~~2.5~~	No Readings						
1609	15.33	2.9	9.04	201		1.45	7.54	-160.5	
1612	15.44	2.8	8.84	213		1.40	7.56	-166.6	
1615		3.1	8.92	214		1.38	7.57	-168.5	

Comments:

* at 1606 need to move tubing down well, well was dewatering.

Field Report

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Revision 0.0
Jul-08

ATC Branch: Seattle, WA	Date: 06/29/17	Page 2 of 2
ATC Representative(s): Nicholas Turner	Project: AOC 1396 - Westlake & Mercer	
	Location: 600 Westlake Ave N, Seattle, WA	
Scope of Work:	Project No: Z076000073	
	Weather: Clear	Temperature: [illegible] 70
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor:	

Time:	Comments:
1056	Since 0930. Go check to see if ~~pump~~ battery is fully charged.
1130	Call Elisabeth Silver to discuss options for sampling MW213. ATC battery for peristaltic pump is not functioning properly.
1156	Talk with Ben Chevlen, we will perform a three well Volume purge and then collect samples. ~~Due~~ Due to an abundance of bottles ATC will collect samples after each well volume to make certain we have a sample if the well is dewatered before completing the three Well Volume purge.
1226	Collect 1st Sample after 1st well Volume. Water is clear
1233	Collect 2nd Set of Parameter, no Sample due to Water quality. Water was extremely turbid and more like a thick Slurry due to Fine Sediments. Well went dry after Second Set of Readings. Put First Set of Samples on ice, consolidate decon H2O and purge H2O and pour into the onsite Carbon vessels.
1340	offsite travel to office. Sample
1410	Back at office, Schedule pick up, emptied vehicle.

Equipment Used:

Contractor Hours (per Person):	Staff / Technician Hours:	Mileage:
Copies To:	Project Manager: ~~Kyle Sattle~~ Elisabeth Silver	
	Reviewed By:	

Field Report

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Revision 1.0
6/1/2016

ATC Branch: Seattle (10852)	Date: 12/12/17	Page 1 of 2
ATC Representative(s): N. Turner / B. Goulet	Project: AOC 1396 - Westlake	
Role: Sampler / H&S Oversight	Location: 600 Westlake Ave North	
Contact Information: 206 781 1449	Project No: Z0760000 73	Task No:
Scope of Work:	Weather: Overcast	Temperature: 40
✓ Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: Altus Traffic Control	

Time:	Comments:
0830	ATC onsite, Deputy Miller (Sheriff Dept) & Altus Traffic onsite, Perform H&S meeting. Discuss Hazards ways to mitigate hazards and discuss TCP and implementing it today.
0900	Perform Site walk so all parties are on the same page. Altus will call ATC when traffic control is ready.
0915	Altus & Deputy Miller begin executing TCP.
1200	Finned with wells in Mercer. Sample all 3 wells MW-216, MW-217 & MW-218. Traffic Control will clean up cones and signage.
1230	Altus offsite, call Elisabeth Silver to discuss work. Take lunch
1300	Pour Purge Water from the 3 wells above in to the First of 2 carbon vessels.
1330	Begin gauging onsite wells.
1350	Can not locate MWR-5, might be under building materials.
1359	Gauge MW-45. Then call foreman for GLY Travis to get access to MW-219.

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: 12/12/17	Page 2 of 2
ATC Representative(s): N. Turner / B. Gadet	Project: AOC 1346 - Westlake	
Role: Sample / H&S oversight	Location: 600 Westlake Ave North	
Contact Information: 206 781 1449	Project No: 20760000073	Task No:
Scope of Work:	Weather: Clear	Temperature: 45
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: Altus traffic Control	

Time:	Comments:
1415	Gauge two wells that appear to being in the location of MW-219.
1420	One of the wells is ~ 69' deep & the other is about 23' deep w/ ecology tag # BJX 778. Send Elizabeth Silver(es) this information to help distinguish if this is MW-219.
1435	ES did a well search and turns out neither well is MW-219. ATC Field staff will look again but closer to the Street to ID MW-219.
1450	ATC located a well that could be MW-219, it is located in the Street but is currently in a temporary sidewalk due to construction activities taking over the actual sidewalk. ~~This well is 19' deep and has an ecology tag # BJX 757.~~ Go get tools to open and gauge well.
1500	ATC will gauge MW-213 → MW-215 → MW-219 → MW-211 → SMW-3.
1630	~~Activities~~ finished, truck is loaded up. ATC offsite.

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: 12/13/17	Page 1 of 2	
ATC Representative(s): N. Turner / S. Payne	Project: Ace 1396 - Westlake		
Role: Sampler / H&S oversight	Location: 600 Westlake Ave N		
Contact Information: 206 781 1449	Project No: 2016 0000 73	Task No: 76001	
Scope of Work:	Weather: Clear	Temperature: 40	
X Monitoring ___ Assessment ___ Remediation ___ Closure	Contractor: ———		

Time:	Comments:
0820	Onsite, tailgate H & S Meeting.
0840	Switch out Fire Extinguisher and pour yesterdays decon water into 1st carbon Vessel.
0900	Set up on MW-211
0938	Sample MW-211. Decon equipment. Move to SMW-3.
1037	Parameters Stable, Sample SMW-3. Decon Equipment. Move to MW-213.
1134	Sample MW-213, decon equipment. Move to MW-215
1226	Sample MW-215 decon equipment. Head to GLY Parking lot.
1300	Take lunch.
1330	Pour Purge H_2O from MW-213 & MW-215 into Carbon Vessels. Scope out how to setup at MW-219 if possible.
1350	Safely delineated Work Zone and begin Low Flow purge at MW-219.
1418	Sample MW-219, decon equipment and move to MW-45
1452	Begin purge at MW-45
1520	Sample MW-45 decon equipment and move to MWR-5.

Equipment Used: Peristaltic Pump / YSI 556 / Water Level Meter

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

Field Report

FLD-100
Revision 0.0
Jul-08

ATC Branch: **Seattle (10282)**	Date: 12/13/17	Page 2 of 2
ATC Representative(s): N. Turner / S. Payne	Project: AOC 1396 - West Lake	
Role: Sampler / H&S Oversight	Location: 600 Westlake Avenue N	
Contact Information: **206-781-1449**	Project No: Z0760000 73	Phase: 76001
Scope of Work: X Monitoring ___ Assessment ___ Remediation ___ Closure	Weather: Clear	Temperature: 45
	Contractor: ———	

Time:	Comments:
1541	Start Low Flow purge at MWR-5.
1615	Parameters Stable, Sample MWR-5. Decon equipment,
	Begin putting away all equipment. Will
	come back out tomorrow morning (12/14) to
	set install and w rotometer & restart system
1645	ATC off site, begin travel back to office
1715	Back at the office truck unloaded, End of day.

Equipment Used:

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

Field Report

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Revision 0.0
Jul-08

ATC Branch: **Seattle (10282)**	Date: 12/13/17	Page 1 of
ATC Representative(s): S. Payne	Project: AOC 1396	
Role: H + S	Location: 600 Westlake Ave N, Seattle	
Contact Information: **206-781-1449**	Project No: Z07600073	Phase:
Scope of Work: ✓ Monitoring ___ Assessment ___ Remediation ___ Closure	Weather: Clear / wind	Temperature: ~40°F
	Contractor: —	

Time:	Comments:
08:15	Arrive on site; level D PPE; conduct tailgate safety meeting; shared learning: pedestrian traffic; review JSA for well sampling; modify glove PPE on JSA
08:50	Mob to Lake Union Park; direct truck on park and direct truck onto well locations MW-211 and SMW-3; set up exclusion zones w/ delineators and caution tape; discuss emergency evacuation point and procedures
10:50	Discuss access to wells along S side of Valley St; Decide best access is along sidewalk; direct truck on S sidewalk of Valley St; set up exclusion zones w/ delineators and tape at wells MW-213 and MW-215; direct pedestrian traffic; upon completion of sampling stop vehicle traffic so truck can leave sidewalk
13:00	take lunch break; update notes
13:15	Walk location of MW-219; discuss feasibilty of setting up exclusion zone; decide to set linear exclusion zone along temporary sidewalk on E side of Terry Ave; use delineators + tape to set tapered

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: 12/13/17	Page 2 of
ATC Representative(s): S. Payne	Project: AOC 1396	
Role: H+S	Location: 600 Westlake Ave, Seattle	
Contact Information: **206-781-1449**	Project No: 7076 00073	Phase:
Scope of Work: ✓ Monitoring ___ Assessment ___ Remediation ___ Closure	Weather: Clear w/ wind	Temperature: ~40°F
	Contractor: ✓	

Time:	Comments:
	exclusion zone w/ sampler using portable equipment; Watch for pedestrian traffic during sampling; Call to Elisabeth Silver (ATC) and report situation as a SIR
14:40	mob equipment to project site; back truck to an area to access MW-45 and MWR-5; help move construction equipment to access wells; Set exclusion zone w/ cones + tape.

Equipment Used:

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