



Stantec

Stantec Consulting Corporation
12034 134th CT NE Suite 102
Redmond, WA 98052
Tel: (425) 372-1600
Fax: (425) 372-1688

DATE: January 23, 2009

GROUNDWATER MONITORING REPORT

Facility No.: 255353 Address: 600 Westlake Avenue North, Seattle, Washington
ConocoPhillips Site Manager: Kipp Eckert (AOC 01396)
Consultant / Contact Person: Stantec Consulting Incorporated/Jennifer Yotz
Primary Agency/Regulatory ID No.: Washington State Department of Ecology NW 1714
Stantec Project No: 01CP.01396.44, 01CP.01396.55

WORK PERFORMED THIS QUARTER [4th – 2008]:

- One operation and maintenance (O&M) event, which is summarized and discussed in the third and fourth quarter 2008 O&M report.
- Installation and development of three groundwater monitoring wells (MW-209 through MW-211) located north of the trolley tracks along Valley Street.
- Repair and trimming of two monitoring well casings (SMW-3 and MW-203).
- Survey of five groundwater monitoring wells (SMW-3, MW-203, and MW-209 through MW-211) located along the trolley tracks north of Valley Street. Top of casing and groundwater elevation data has been updated in Tables 1 and 3 included in this report.
- Gauging of 50 groundwater monitoring wells and sampling of 48 groundwater monitoring wells from November 2 through November 5, 2008. Groundwater samples were collected using a peristaltic pump, with dedicated polyethylene tubing in the well casing and a new section of silicon tubing in the pump head. Groundwater sampling procedures and groundwater monitoring field records are provided in Appendix A. Samples were submitted to Test America for analysis for gasoline range hydrocarbons (TPH-g) per Ecology Method NWTPH-Gx; kerosene, diesel range hydrocarbons (TPH-d) and heavy oil range hydrocarbons (TPH-o) per Ecology Method NWTPH-Dx with silica gel cleanup; benzene, toluene, ethyl benzene, total xylenes (collectively known as BTEX), methyl tert-butyl ether (MTBE), and naphthalene per United States Environmental Protection Agency (USEPA) Method 8260B; and total and dissolved lead using USEPA Method 6000/7000 Series.
- Abandonment of 49 groundwater monitoring and/or remediation wells via bentonite chips that were located in the Phase II excavation area. A summary of this work will be provided in the upcoming well abandonment report.
- Removal of the air sparge/soil vapor extraction system and associated manifolds, as well as the enhanced fluid recovery manifold.

Groundwater monitoring well locations are depicted in Figure 1. Groundwater elevations from the November 2008 gauging event are summarized in Table 1 and illustrated in Figure 2.

DATA SUMMARY THIS QUARTER:

Frequency of Sampling Events:	<u>Quarterly</u>	(11/08, 2/09, 5/09, 8/09)
Depth to Groundwater:	<u>3.13 ft. (MW-49)</u>	(Measured Feet Below Top
	<u>to 15.80 ft. (MW-41)</u>	of Well Casing/Well ID)

Maximum TPH-g Concentration:	32,700 µg/L (MW-208)	(µg/L / well ID)
Maximum TPH-d Concentration:	1,400 µg/L (SMW-4)	(µg/L / well ID)
Maximum TPH-o Concentration:	842 µg/L (MW-93)	(µg/L / well ID)
Maximum Benzene Concentration:	2,220 µg/L (MW-60)	(µg/L / well ID)
Measurable Free Product Detected:	No	(Yes - ID well(s)/No)
Free Product Recovered This Quarter:	None detected	(Gallons)
Cumulative Free Product Recovered to Date:	43,632	(Gallons)
Water Wells or	Surface water	(Type)
Surface Waters w/in 2,000 ft:	Lake Union	
Radius and Respective	400 ft North	(Respective Distance)
Current Remedial Action:	AS/SVE	(SVE/AS/P&T, etc.)
Permits for Discharge:	PSCAA No. 8905	(NPDES, POTW, etc.)

AS = air sparge

MNA = monitoring natural attenuation

NPDES = National Pollution Discharge Elimination System

P&T = pump and treat

SVE = soil vapor extraction

POTW = Publicly Owned Treatment Works

DISCUSSION:

- The groundwater samples were received by TestAmerica on November 3, 4, and 5, 2008. Based on a review of the laboratory reports, it appears that the submitted water samples were originally analyzed within the specified holding times. Laboratory analytical reports are included in Appendix B of this report.
- Groundwater monitoring wells MW-3A, MW-18, MW-33, MW-45, MW-49, MW-83, MW-94, MW-96, MW-200, and MW-201 were not sampled this quarter. These wells were inaccessible, compromised, covered by large immovable objects or could not be located by Stantec personnel during sampling. Groundwater monitoring wells MW-3A, MW-33, MW-83, and MW-96 were buried under debris. Groundwater monitoring well MW-18 was compromised with sediment. Groundwater monitoring wells MW-45, MW-49, MW-94, MW-201, and MW-202 were submerged under water.
- Depth to groundwater was measured in 50 groundwater monitoring wells from November 2 through 5, 2008. The wells contained no measurable liquid phase hydrocarbons.
- TPH-g was detected at concentrations greater than the Model Toxics Control Act (MTCA) Method A cleanup level in 17 groundwater monitoring wells ranging from 1,030 micrograms per liter (µg/L) (MW-92) to 32,700 µg/L (MW-208).
- TPH-d was detected at concentrations greater than the MTCA Method A cleanup level in 5 groundwater monitoring wells ranging from 524 µg/L (MW-71) to 1,400 µg/L (SMW-4). Groundwater monitoring well MW-19 contained concentrations of TPH-d below the laboratory RL, but the RL was above the MTCA Method A cleanup level (<2,450 µg/L).
- TPH-o was detected at concentrations greater than the MTCA Method A cleanup level in 2 groundwater monitoring wells ranging from 564 µg/L (MW-206) to 842 µg/L (MW-93).
- Benzene was detected at concentrations greater than the MTCA Method A cleanup level in 15 groundwater monitoring wells ranging from 6.00 µg/L (SMW-5) to 2,220 µg/L (MW-60).
- Toluene was not detected at concentrations greater than the MTCA Method A cleanup level in any of the groundwater monitoring wells.
- Ethyl benzene was detected at concentrations greater than the MTCA Method A cleanup level in 3

groundwater monitoring wells ranging from 947 µg/L (MW-208) to 1,760 µg/L (MW-60).

- Total xylenes were detected at concentrations greater than the MTCA Method A cleanup level in 4 groundwater monitoring wells ranging from 2,440 µg/L (MW-60) to 3,760 µg/L (MW-82).
- MTBE concentrations were reported below the MTCA Method A cleanup levels and laboratory RLs.
- Naphthalene was detected at concentrations greater than the MTCA Method A cleanup level in groundwater monitoring well MW-60 at a concentration of 267 µg/L. Groundwater monitoring well MW-19 contained concentrations of naphthalene below the laboratory RL, but the RL was above the MTCA Method A cleanup level (<200 µg/L). Similarly, groundwater monitoring well SMW-4 contained concentrations of MTBE below the laboratory RL, but the RL was above the MTCA Method A cleanup level (<500 µg/L).
- Total lead was detected at concentrations greater than the MTCA Method A cleanup level in 8 groundwater monitoring wells ranging from 16.40 µg/L (MW-89) to 272 µg/L (MW-203).
- Dissolved lead was not detected at concentrations greater than the MTCA Method A cleanup level in any of the groundwater monitoring wells sampled this quarter.
- Kerosene was detected at concentrations greater than the MTCA Method A cleanup level in 12 groundwater monitoring wells ranging from 535 µg/L (MW-93) to 12,500 µg/L (MW-208).
- All purge water generated during the August 2008 sampling event was stored temporarily onsite in a properly labeled Department of Transportation-approved drum. General Environmental Management removed this drum from the site on December 2, 2008.

Fourth quarter 2008 groundwater data is summarized in Table 2. Historical groundwater data, including the fourth quarter 2008 data, are included in Table 3. TPH-g and benzene concentrations are illustrated in Figure 3. TPH-d, TPH-o and kerosene data have been illustrated in Figure 4. Copies of the field notes from the fourth quarter 2008 groundwater sampling event are included as a part of Appendix A. Copies of the laboratory analytical reports are included as Appendix B.

WORK PROPOSED FOR NEXT QUARTER: [1st – 2009]

- Gauge, purge, and sample the existing network of 32 groundwater monitoring wells. Submit groundwater samples for analysis of TPH-g, TPH-d, TPH-o, kerosene, BTEX, MTBE, naphthalene, total lead and dissolved lead. A report summarizing the results of this event will then be generated with a copy provided to the Washington State Department of Ecology.
- Repair or replace defective wells identified during the fourth quarter 2008 groundwater monitoring event.
- Submit a well abandonment report summarizing these activities.

LIMITATIONS

This report was prepared in accordance with the scope of work outlined in Stantec's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of ConocoPhillips Company for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

If you have any questions or concerns regarding these activities, please feel free to contact Kipp Eckert, Contract Site Manager for ConocoPhillips at (206) 890-6293, or Jennifer Yotz at (425) 372-1584.

Sincerely,

Stantec Consulting Corporation

Prepared By:



Scott W. Manning
Project Scientist

Reviewed By:



Jennifer L. Yotz
Senior Project Manager

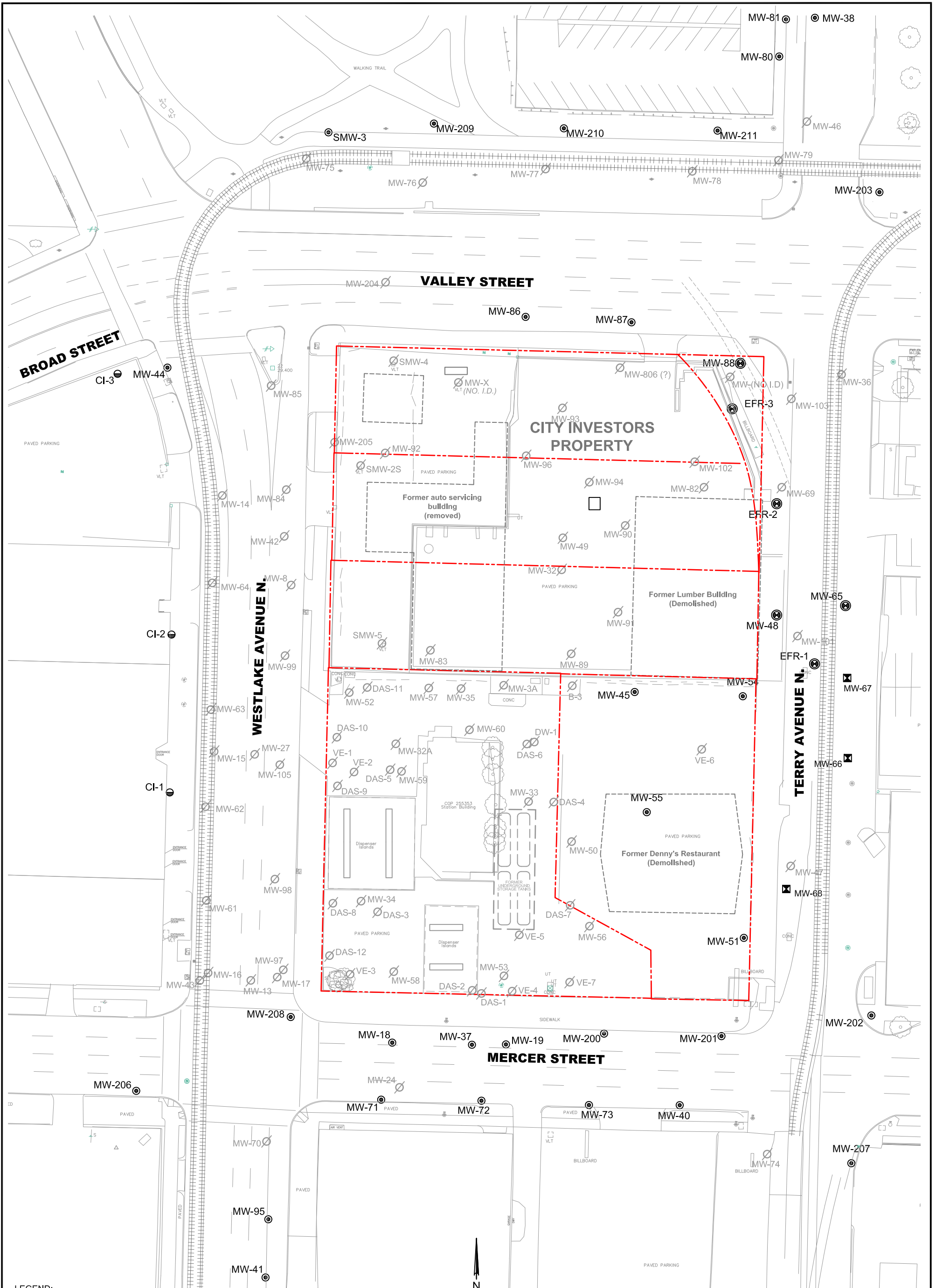
SM/JY:po

APPENDIX:

Figure 1:	Site Map with Monitoring Well Locations (11/2/08 – 11/5/08)
Figure 2:	Site Map with Groundwater Elevations (11/2/08 – 11/5/08)
Figure 3:	Site Map with TPH-g and Benzene Concentrations (11/2/08 – 11/5/08)
Figure 4:	Site Map with TPH-d, TPH-o and Kerosene Concentrations (11/2/08 – 11/5/08)
Table 1:	Fourth Quarter 2008 Groundwater Elevation Results
Table 2:	Fourth Quarter 2008 Groundwater Analytical Results
Table 3:	Historical Groundwater Analytical
Appendix A:	Groundwater Sampling Procedures and Groundwater Monitoring Field Data Records
Appendix B:	Laboratory Analytical Reports and Chain-of-Custody Record

cc: Roger Nye, c/o Washington Department of Ecology – Bellevue, WA

FIGURES





- LEGEND:**
- MW-71 ● COP GROUNDWATER MONITORING WELL
 - SMW-4 ● CITY INVESTORS' GROUNDWATER MONITORING WELL
 - MW-24 ∅ ABANDONED OR DAMAGED WELL
 - MW-68 ☒ SOIL VAPOR EXTRACTION WELL LOCATION
 - DAS-4 ⊕ AIR SPARGING WELL LOCATION
 - MW-66 ⊗ DUAL PHASE EXTRACTION WELL LOCATION

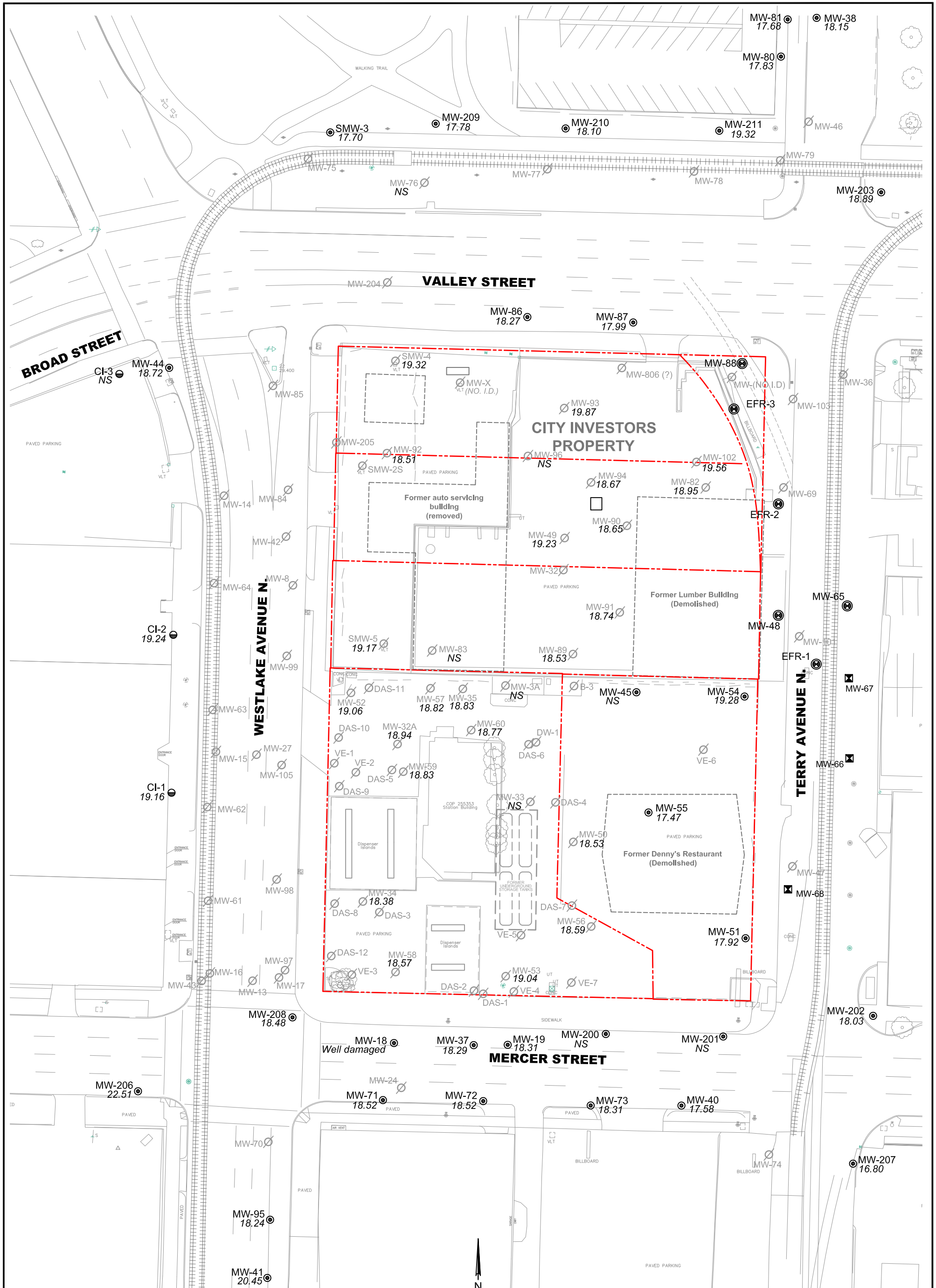


NOTES:

1). ALL LOCATIONS ARE APPROXIMATE.

No warranty is made by Stantec as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and/or information.

 Stantec 12034 134th COURT NE, SUITE 102 REDMOND, WASHINGTON PH (425) 372-1600/FAX (425) 372-1650	FOR:  ConocoPhillips FACILITY NO. 255353 WESTLAKE AND MERCER SEATTLE, WASHINGTON	SITE MAP WITH MONITORING WELL LOCATIONS	FIGURE: 1
JOB NUMBER: 01CP.01396.55	DRAWN BY: MDR	CHECKED BY: SM	APPROVED BY: JY
DATE: 09/18/08			

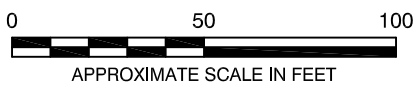


LEGEND:

- MW-71 ● COP GROUNDWATER MONITORING WELL
- SMW-4 ● CITY INVESTORS' GROUNDWATER MONITORING WELL
- MW-24 ∅ ABANDONED OR DAMAGED WELL
- MW-68 ☒ SOIL VAPOR EXTRACTION WELL LOCATION
- DAS-4 ⊕ AIR SPARGING WELL LOCATION
- MW-66 ⊙ DUAL PHASE EXTRACTION WELL LOCATION

GROUNDWATER


- 20.60 GROUNDWATER ELEVATION (FEET)
- NS NOT SAMPLED

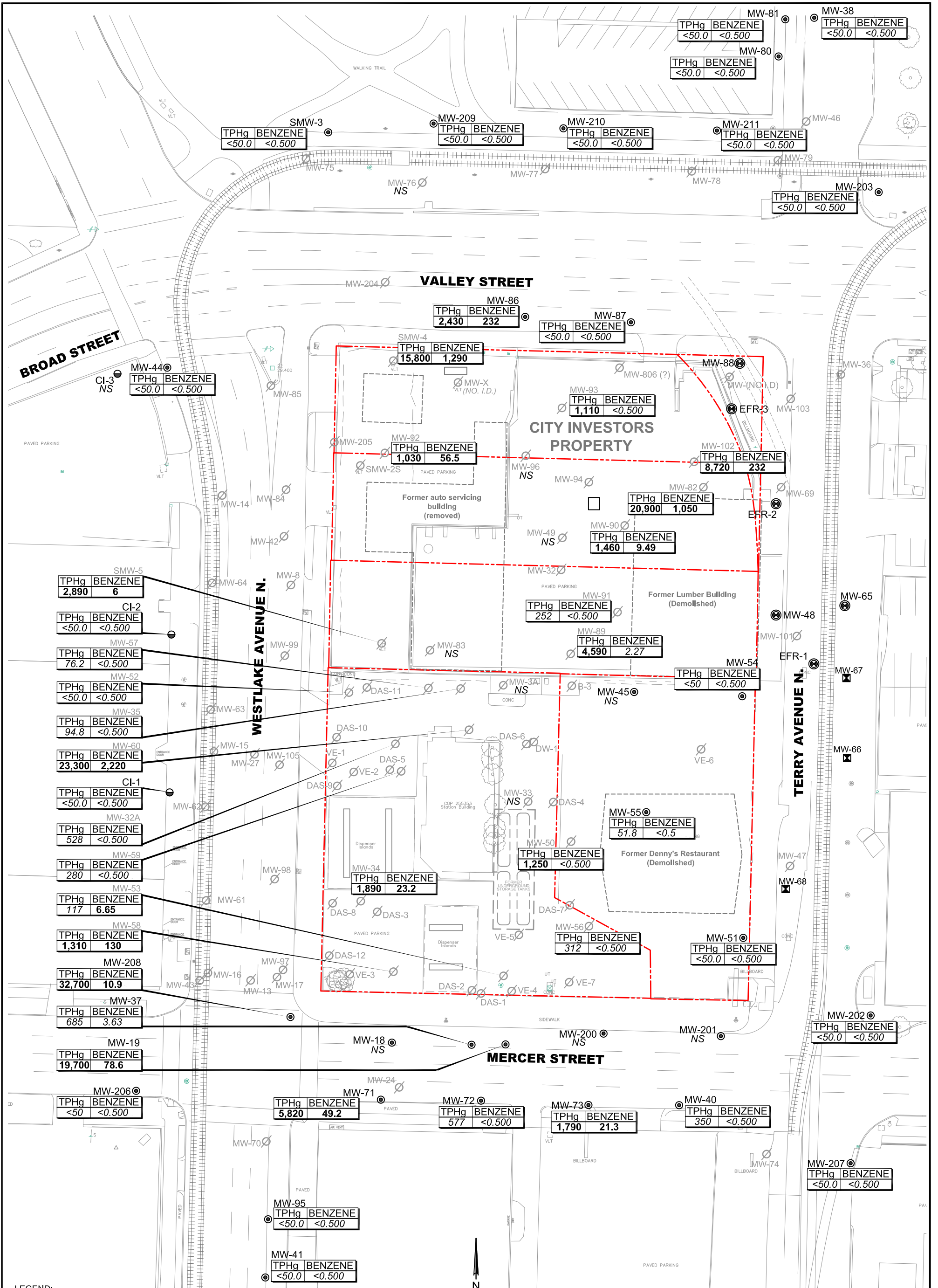


NOTES:

1). ALL LOCATIONS ARE APPROXIMATE.

No warranty is made by Stantec as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and/or information.

 Stantec 12034 134th COURT NE, SUITE 102 REDMOND, WASHINGTON PH (425) 372-1600/FAX (425)	FOR: ConocoPhillips FACILITY NO. 255353 WESTLAKE AND MERCER SEATTLE, WASHINGTON		SITE MAP WITH GROUNDWATER ELEVATIONS NOVEMBER 02, 2008 - NOVEMBER 05, 2008		FIGURE: <h1 style="font-size: 2em;">2</h1>
	JOB NUMBER: 01CP.01396.55	DRAWN BY: MDR	CHECKED BY: SM	APPROVED BY: JY	DATE: 12/15/08



- LEGEND:**
- MW-71 ● COP GROUNDWATER MONITORING WELL
 - SMW-4 ● CITY INVESTORS' GROUNDWATER MONITORING WELL
 - MW-24 ○ ABANDONED OR DAMAGED WELL
 - MW-68 ☒ SOIL VAPOR EXTRACTION WELL LOCATION
 - DAS-4 ⊕ AIR SPARGING WELL LOCATION
 - MW-66 ⊕ DUAL PHASE EXTRACTION WELL LOCATION

ANALYTES

TPHg	BENZENE
<245	<490

TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
UNITS IN MICROGRAMS PER LITER (µg/L)

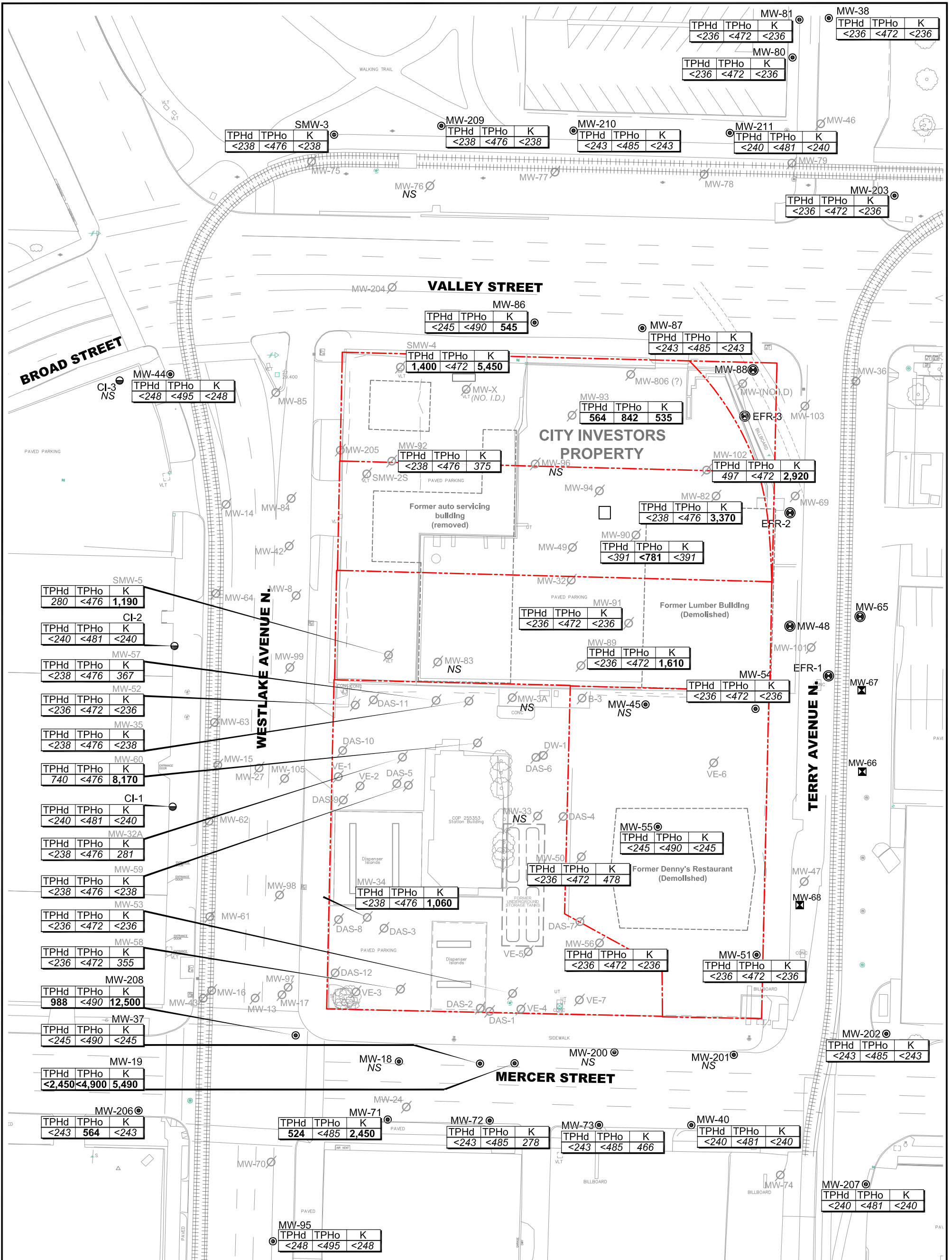


NOTES:

1). ALL LOCATIONS ARE APPROXIMATE.

No warranty is made by Stantec as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and/or information.

 12034 134th COURT NE, SUITE 102 REDMOND, WASHINGTON PH (425) 372-1600/FAX (425) 372-1650	FOR: ConocoPhillips FACILITY NO. 255353 WESTLAKE AND MERCER SEATTLE, WASHINGTON	SITE MAP WITH TPHg AND BENZENE CONCENTRATIONS NOVEMBER 02, 2008 - NOVEMBER 05, 2008	FIGURE: 3
	JOB NUMBER: 01CP.01396.55	DRAWN BY: MDR	CHECKED BY: SM
		DATE: 12/15/08	

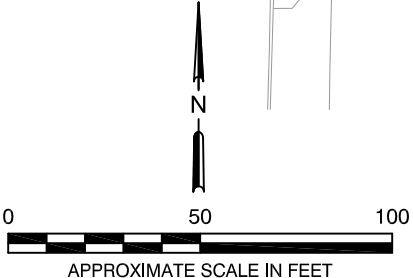


- LEGEND:**
- MW-71 ● COP GROUNDWATER MONITORING WELL
 - SMW-4 ● CITY INVESTORS' GROUNDWATER MONITORING WELL
 - MW-24 ∅ ABANDONED OR DAMAGED WELL
 - MW-68 ☒ SOIL VAPOR EXTRACTION WELL LOCATION
 - DAS-4 ⊕ AIR SPARGING WELL LOCATION
 - MW-66 ⊕ DUAL PHASE EXTRACTION WELL LOCATION

ANALYTES

TPHd	TPHo	K
<245	<490	<245

TPHd TOTAL PETROLEUM HYDROCARBONS AS DIESEL
 TPHo TOTAL PETROLEUM HYDROCARBONS AS MOTOR OIL
 K KEROSENE
 UNITS IN MICROGRAMS PER LITER (µg/L)



NOTES:

- ALL LOCATIONS ARE APPROXIMATE.

No warranty is made by Stantec as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and/or information.

 12034 134th COURT NE, SUITE 102 REDMOND, WASHINGTON PH (425) 372-1600/FAX (425) 372-1650	FOR: FACILITY NO. 255353 WESTLAKE AND MERCER SEATTLE, WASHINGTON	SITE MAP WITH TPHd, TPHo AND KEROSENE CONCENTRATIONS NOVEMBER 03, 2008 - NOVEMBER 05, 2008		FIGURE: 4
	JOB NUMBER: 01CP_01396.55	DRAWN BY: MDR	CHECKED BY: SM	APPROVED BY: JY

TABLES

TABLE 1
FOURTH QUARTER 2008 GROUNDWATER ELEVATION RESULTS

ConocoPhillips Site No. 255353
600 Westlake Avenue N.
Seattle, Washington

Well ID	Gauging Date	Top of Casing Elevation ¹ (feet)	Depth to Groundwater (feet)	Liquid Phase Hydrocarbon Thickness (feet)	Groundwater Elevation ² (feet)
CI-1	11/05/08	29.97	10.81	0.00	19.16
CI-2	11/05/08	28.98	9.74	0.00	19.24
CI-3	Located on Propel property		NS		
MW-3A	Under construction debris		NS		
MW-18	Well damaged		NS		
MW-19	11/02/08	29.93	11.62	0.00	18.31
MW-32A	11/04/08	30.14	11.20	0.00	18.94
MW-33	Under construction debris		NS		
MW-34	11/04/08	30.58	12.20	0.00	18.38
MW-35	11/04/08	28.90	10.07	0.00	18.83
MW-37	11/02/08	30.09	11.80	0.00	18.29
MW-38	11/03/08	26.01	7.86	0.00	18.15
MW-40	11/03/08	30.08	12.50	0.00	17.58
MW-41	11/04/08	36.25	15.80	0.00	20.45
MW-44	11/04/08	27.97	9.25	0.00	18.72
MW-45	Well under water		NS		
MW-49	11/03/08	22.36	3.13	0.00	19.23
MW-50	11/03/08	29.32	10.79	0.00	18.53
MW-51	11/03/08	29.75	11.83	0.00	17.92
MW-52	11/04/08	29.06	10	0.00	19.06
MW-53	11/04/08	30.38	11.34	0.00	19.04
MW-54	11/03/08	28.00	8.72	0.00	19.28
MW-55	11/02/08	29.22	11.75	0.00	17.47
MW-56	11/03/08	29.70	11.11	0.00	18.59
MW-57	11/04/08	29.31	10.49	0.00	18.82
MW-58	11/04/08	30.69	12.12	0.00	18.57
MW-59	11/04/08	30.73	11.90	0.00	18.83
MW-60	11/04/08	30.31	11.54	0.00	18.77
MW-71	11/03/08	30.42	11.90	0.00	18.52
MW-72	11/03/08	30.32	11.80	0.00	18.52
MW-73	11/03/08	30.11	11.80	0.00	18.31
MW-76	Well abandoned in October 2008		NS		
MW-80	11/03/08	26.34	8.51	0.00	17.83
MW-81	11/03/08	26.21	8.53	0.00	17.68
MW-82	11/03/08	23.70	4.75	0.00	18.95

TABLE 1
FOURTH QUARTER 2008 GROUNDWATER ELEVATION RESULTS

ConocoPhillips Site No. 255353
600 Westlake Avenue N.
Seattle, Washington

Well ID	Gauging Date	Top of Casing Elevation ¹ (feet)	Depth to Groundwater (feet)	Liquid Phase Hydrocarbon Thickness (feet)	Groundwater Elevation ² (feet)
MW-83	Under construction debris		NS		
MW-86	11/04/08	27.55	9.28	0.00	18.27
MW-87	11/04/08	26.74	8.75	0.00	17.99
MW-89	11/03/08	23.02	4.49	0.00	18.53
MW-90	11/03/08	22.90	4.25	0.00	18.65
MW-91	11/03/08	23.13	4.39	0.00	18.74
MW-92	11/03/08	28.98	10.47	0.00	18.51
MW-93	11/03/08	25.74	5.87	0.00	19.87
MW-94	11/03/08	21.90	3.23	0.00	18.67
MW-95	11/04/08	31.99	13.75	0.00	18.24
MW-96	Under construction debris		NS		
MW-102	11/03/08	23.86	4.30	0.00	19.56
MW-200	North lane of Mercer flooded		NS		
MW-201	North lane of Mercer flooded		NS		
MW-202	11/05/08	30.55	12.52	0.00	18.03
MW-203	11/04/08	25.94	7.05	0.00	18.89
MW-206	11/03/08	31.54	9.03	0.00	22.51
MW-207	11/05/08	30.65	13.85	0.00	16.80
MW-208	11/02/08	30.28	11.80	0.00	18.48
MW-209	11/05/08	27.00	9.22	0.00	17.78
MW-210	11/05/08	26.70	8.60	0.00	18.10
MW-211	11/05/08	26.55	7.23	0.00	19.32
SMW-3	11/04/08	27.40	9.70	0.00	17.70
SMW-4	11/03/08	28.33	9.41	0.00	18.92
SMW-5	11/03/08	29.17	10.00	0.00	19.17

NOTES:

¹ Relative top of casing elevation surveyed during November 2005 relative to N.A.V.D. 1988 vertical datum using a City of Seattle benchmark with elevation of 88.56 feet above mean sea level.

² Groundwater table elevation relative to depth to water, corrected for separate-phase hydrocarbons where applicable using a specific gravity of 0.80.

"NS" = Not sampled

TABLE 2
FOURTH QUARTER 2008 GROUNDWATER ANALYTICAL RESULTS

ConocoPhillips Site No. 255353
600 Westlake Avenue N.
Seattle, Washington

Sample I.D.	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)
CI-1	11/05/08	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<240
CI-2	11/05/08	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<240
CI-3		Well located on Propel Station property, unable to sample.											
MW-3A	11/04/08	Covered/buried in garbage enclosure, unable to sample.											
MW-18	11/02/08	Well contaminated with surface mud, unable to sample.											
MW-19	11/02/08	19,700	<2,450	<4,900	78.6	14.5	90.4	2,610	<1.00	<200	25.80	8.22	5,490
MW-32A	11/05/08	528	<238	<476	<0.500	<0.500	0.65	<3.00	<1.00	<5.00	2.32	<1.00	281
MW-33	11/04/08	Well buried under gravel from station decommission, unable to sample.											
MW-34	11/05/08	1,890	<238	<476	23.2	1.2	10	<3.00	<1.00	8.55	1.41	<1.00	1,060
MW-35	11/05/08	94.8	<238	<476	<0.500	1.35	<0.500	<3.00	<1.00	<5.00	229	<1.00	<238
MW-37	11/02/08	685	<245	<490	3.63	0.54	4.58	38	<1.00	10.30	1.77	<1.00	<245
MW-38	11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	5.99	<1.00	<236
MW-40	11/03/08	350	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<0.500	4.97	<1.00	<240
MW-41	11/04/08	<50.0	<245	<490	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<245
MW-44	11/04/08	<50.0	<248	<495	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<248
MW-45	11/03/08	Well under water, unable to sample.											
MW-49	11/04/08	Well under water, unable to sample.											
MW-50	11/03/08	1,250	<236	<472	<0.500	<0.500	3.69	4.84	<1.00	<5.00	<1.00	<1.00	478
MW-51	11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<236
MW-52	11/05/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	17.80	<1.00	<236
MW-53	11/04/08	117	<236	<472	6.65	<0.500	2.92	<3.00	<1.00	<5.00	135	<1.00	<236
MW-54	11/03/08	<50	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	8.64	<1.00	<236
MW-55	11/02/08	51.8	<245	<490	<0.5	<0.5	<0.5	<3.00	<1.00	10.1	1.16	<1.00	<245
MW-56	11/03/08	312	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<236
MW-57	11/05/08	76.2	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	12.8	<1.00	367
MW-58	11/04/08	1,310	<236	<472	130	1.46	80.9	99.7	<1.00	8.62	3.47	<1.00	355
MW-59	11/05/08	280	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.29	<1.00	<238
MW-60	11/05/08	23,300	740	<476	2,220	24.6	1,760	2,440	<1.00	267	2.14	<1.00	8,170
MTCA Method A Cleanup Level for Groundwater		1000/800 ^a	500	500	5	1,000	700	1,000	20	160	15	15	500

TABLE 2
FOURTH QUARTER 2008 GROUNDWATER ANALYTICAL RESULTS

ConocoPhillips Site No. 255353
600 Westlake Avenue N.
Seattle, Washington

Sample I.D.	Sample Date	TPH-Gasoline (µg/L)	TPH- Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)
MW-71	11/03/08	5,820	524	<485	49.2	1.03	69	10.4	<1.00	68.7	1.56	<1.00	2,450
MW-72	11/03/08	577	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	278
MW-73	11/03/08	1,790	<243	<485	21.3	1.38	<0.500	<3.00	<1.00	<5.00	6.74	<1.00	466
MW-76		Well abandoned in October 2008.											
MW-80	11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	3.66	<1.00	<236
MW-81	11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	7.90	<1.00	<236
MW-82	11/04/08	20,900	<238	<476	1,050	177	549	3,760	<1.00	75.2	<1.00	<1.00	3,370
MW-83		Well under construction debris.											
MW-86	11/04/08	2,430	<245	<490	232	<5.00	4.90	25.60	<1.00	<5.00	<1.00	<1.00	545
MW-87	11/04/08	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.46	<1.00	<243
MW-89	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
MW-90	11/03/08	1,460	<391	<781	9.49	<0.500	6.75	8.45	<1.00	15.9	2.86	<1.00	<391
MW-91	11/03/08	252	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	101	<1.00	<236
MW-92	11/03/08	1,030	<238	<476	56.50	4.87	6.4	6.06	<1.00	6.84	2.59	<1.00	375
MW-93	11/03/08	1,110	564	842	<0.500	<0.500	1.43	<3.00	<1.00	<5.00	2.95	<1.00	535
MW-94	11/03/08	Well under water, unable to sample.											
MW-95	11/04/08	<50.0	<248	<495	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<248
MW-96		Well under construction debris.											
MW-102	11/04/08	8,720	497	<472	232	1.23	366	248	<1.00	108	19.20	1.36	2,920
MW-200	11/02/08	North lane of Mercer flooded. Unable to sample.											
MW-201	11/02/08	North lane of Mercer flooded. Unable to sample.											
MW-202	11/05/08	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<243
MW-203	11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	272	<1.00	<236
MW-206	11/03/08	<50	<243	564	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	14.8	1.65	<243
MW-207	11/05/08	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.02	<1.00	<240
MW-208	11/02/08	32,700	988	<490	10.9	23.5	947	3,150	<1.00	21.4	1.80	1.41	12,500
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
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
MTCA Method A Cleanup Level for Groundwater		1000/800 ^a	500	500	5	1,000	700	1,000	20	160	15	15	500

TABLE 2
FOURTH QUARTER 2008 GROUNDWATER ANALYTICAL RESULTS

ConocoPhillips Site No. 255353
600 Westlake Avenue N.
Seattle, Washington

Sample I.D.	Sample Date	TPH-Gasoline (µg/L)	TPH- Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)
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
SMW-3	11/040/8	<50.0	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	5.88	<1.00	<238
SMW-4	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
SMW-5	11/03/08	2,890	280	<476	6	1.03	21.5	5.59	<1.00	8.59	1.14	<1.00	1,190
MTCA Method A Cleanup Level for Groundwater		1000/800^a	500	500	5	1,000	700	1,000	20	160	15	15	500

NOTES:

µg/L = micrograms per liter

<n = Below the detection limit

TPH as Gasoline - Analysis by Northwest Method NWTPH-Gx

TPH as Diesel and Oil - Analysis by Northwest Method NWTPH-Dx with acid/silica gel cleanup

BTEX Compounds - Analysis by EPA Method 8260B

MTBE (Methyl tert-Butyl Ether) and Naphthalene - Analysis by EPA Method 8260B

Total Lead - Analysis by EPA Method 6020

Values in **BOLD** are detectable concentrations exceeding the MTCA Method A groundwater cleanup level.

^a MTCA Method A Cleanup Level for TPH-Gasoline is 1,000 ug/L if benzene is not detectable in groundwater the groundwater sample. If benzene is detected, then the action level is reduced to 800 ug/L.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)				
CI-1 29.97	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	<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	<1	<236	11.73	0.00	--			
	08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<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	<1.00	<240	10.81	0.00	19.16			
CI-2 28.98	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	<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	--				
	08/05/08	<50	<236	<472	0.52	<0.5	<0.5	<3	<1	<5	<1	<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	<1.00	<240	9.74	0.00	19.24			
CI-3 29.04	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	<1	<5	1.26	<1	8.45	0.00	--			
	06/03/08	Construction equipment over well, unable to sample													--	--	--			
	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 19.38	02/14/88	--	--	--	--	--	--	--	--	--	--	--	--	9.77	Trace	9.61				
	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	--				

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-3 contd.	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													NM	NM	--	
MW-3A 29.09	03/17/05	1,610	<251	<502	2.54	1.23	30.9	156.8	--	--	--	--	--	11.00	0.00	--	
	06/01/05	1,030 ^l	<241 ^l	<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.													--	--	--	
11/04/08	Covered/buried in garbage enclosure, unable to sample.													--	--	--	
MW-8 28.82	07/26/05	81,600	641	<500	4,700	5,280	4,270	15,450	<1	1,010	--	--	--	9.96	0.00	--	
	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 21.73	02/14/88	--	--	--	--	--	--	--	--	--	--	--	--	11.87	0.00	9.86	
	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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-13 contd. 30.88	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
	02/22/06	227	<272	<543	<0.5	<0.5	<0.5	<3	<1	<1	<1	11.9	--	--	--	--	--
	05/08/06	236	<243	<485	<0.5	<0.5	<0.5	<3	<1	<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 19.28	02/14/88	--	--	--	--	--	--	--	--	--	--	--	--	9.65	0.00	9.63	
	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 20.48	02/14/88	--	--	--	--	--	--	--	--	--	--	--	--	10.62	0.00	9.86	
	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													--	--	--	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-16 21.19	02/14/88	--	--	--	--	--	--	--	--	--	--	--	--	11.15	0.00	10.04	
	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
30.26	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	--	
	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 21.28	02/14/88	--	--	--	--	--	--	--	--	--	--	--	--	11.56	0.07	9.77
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 21.09	02/14/88	--	--	--	--	--	--	--	--	--	--	--	--	11.11	0.00	9.98	
	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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D.	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-18 contd.	05/01/90	--	--	--	--	--	--	--	--	--	--	--	--	10.61	0.00	10.48	
	06/15/90	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	12/07/90	--	--	--	--	--	--	--	--	--	--	--	--	10.36	0.00	10.73	
	06/02/05	6,600	18,000^{f,i}	28,800ⁱ	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	--	
	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.													--	--	--	
MW-19 20.97	02/14/88	--	--	--	--	--	--	--	--	--	--	--	--	11.24	0.23	9.91	
	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	--	
	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^{9p}	<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		

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-19 contd.	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	
MW-24 21.49	02/14/88	--	--	--	--	--	--	--	--	--	--	--	--	Dry	--	--	
	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 20.70	11/04/91	52,000	<1,000	--	--	10,000	10,000	2,000	10,000	--	--	--	--	--	--	--	
	12/29/93	19,000	2,900	1,300	--	6,300	990	940	1,700	--	--	--	--	10.73	0.00	9.97	
	04/07/94	11,000	2,100	1,300	--	3,900	150	490	590	--	--	--	--	10.65	0.00	10.05	
	07/14/94	9,900	1,700	1,500	--	5,600	54	530	500	--	--	--	--	10.72	0.00	9.98	
	10/25/94	19,000	1,100	1,000	--	4,600	2,300	560	2,300	--	--	--	--	11.46	0.00	9.24	
	03/08/95	21,000	2,300	2,300	--	5,800	1,700	990	2,900	--	--	--	--	11.29	0.00	9.41	
	06/06/95	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	09/07/95	20,000	2,500	1,600	--	4,200	470	730	2,000	--	--	--	--	11.27	--	9.43	
	12/08/95	11,000	1,200	<750	--	1,600	86	420	910	--	--	--	--	10.61	--	10.09	
	04/01/96	7,900	1,400	1,000	--	2,200	58	300	490	--	--	--	--	10.90	--	9.80	
	06/25/96	7,500	1,250	<750	--	1,200	60.4	217	435	--	--	--	--	10.98	--	9.72	
	09/27/96	7,050	1,040	<750	--	1,570	37.4	264	416	--	--	--	--	11.37	--	9.33	
	03/28/97	--	--	--	--	--	--	--	--	--	--	--	--	11.26	--	9.44	
	06/30/97	--	--	--	--	--	--	--	--	--	--	--	--	10.89	--	9.81	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-32A contd.	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
	12/12/02	6,750	3,530	528	1,450	55.6	229	283	--	--	--	--	--	12.72	0.00	7.98
03/13/03	13,000	2,550	<581	1,990	222	419	806	--	--	--	--	--	10.95	0.00	9.75	
06/12/03	17,400	2,730	<500	4,830	200	745	262	--	--	--	--	--	11.92	0.00	8.78	
09/19/03	1,420	<294	<588	64.2	42.7	7.49	135	--	--	--	--	--	12.67	0.00	8.03	
01/14/04	1,580	316	<253	28.9	4.13	13.1	32.5	--	--	--	--	--	11.33	0.00	9.37	
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

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-32A contd.	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	<0.5	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	
MW-33 20.75	11/04/91	11,000	<1,000	--	550	490	240	1,300	--	--	--	--	--	--	--	--
	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	--

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-33 contd.	09/07/01	LPH Present												NM	0.30	--	
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	12/28/01	141,000	25,200	2,680		5,360	32,500	3,410	22,700	--	--	--	--	11.21	0.00	9.54	
	03/08/02	126,000	31,400	3,420		2,660	21,600	3,420	24,800	--	--	--	--	11.37	0.00	9.38	
	06/24/02	205,000	51,700	14,000		1,510	14,200	3,770	28,900	--	--	--	--	11.36	0.00	9.39	
	09/26/02	LPH Present												12.45	0.10	8.38	
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	12.34	0.00	8.41	
	03/13/03	--	--	--	--	--	--	--	--	--	--	--	--	10.59	0.00	10.16	
	06/12/03	30,900	4,170	<562	396	526	474	3,890	--	--	--	--	--	11.65	Sheen	9.10	
	09/19/03	125	<291	<581	0.704	<0.5	<0.5	4.30	--	--	--	--	--	6.70	0.00	14.05	
	01/14/04	524	<135	<271	17	3.7	7.65	31	--	--	--	--	--	12.03	0.00	8.72	
	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	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 21.42	11/04/91	40,000	<1,000	--	23,000	18,000	2,600	14,000	--	--	--	--	--	--	--	--	
	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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-34 contd.	10/25/94	13,000	4,100	1,900	6,500	170	680	1,000	--	--	--	--	--	11.78	0.00	9.64
	03/08/95	8,200	1,100	480	2,400	1,500	250	1,300	--	--	--	--	--	11.62	0.00	9.80
	06/06/95	9,100	2,300	<750	4,200	1,000	330	1,200	--	--	--	--	--	11.73	0.00	9.69
	09/07/95	18,000	1,800	930	4,800	2,300	560	2,000	--	--	--	--	--	11.57	0.00	9.85
	12/08/95	68,000	2,900	1,600	12,000	9,200	1,200	5,500	--	--	--	--	--	10.92	0.00	10.50
	04/01/96	10,000	1,900	<750	5,500	580	520	1,200	--	--	--	--	--	11.21	0.00	10.21
	06/25/96	13,700	1,160	<750	4,190	1,110	393	1,740	--	--	--	--	--	11.19	0.00	10.23
	09/27/96	16,300	1,030	<750	5,010	2,520	541	1,310	--	--	--	--	--	11.58	0.00	9.84
	03/28/97	--	--	--	--	--	--	--	--	--	--	--	--	11.47	0.00	9.95
	06/30/97 ^b	2,970	311	<750	1,930	15.7	271	531	--	--	--	--	--	11.19	0.00	10.23
	09/08/97 ^b	8,390	455	<750	3,920	645	567	1,270	--	--	--	--	--	11.74	0.00	9.68
	12/19/97	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	06/26/98 ^b	76,900	3,090	<750	13,400	11,100	2,310	9,080	--	--	--	--	--	11.42	0.00	10.00
	09/23/98 ^b	9,040	3,000	799	3,540	243	636	1,650	--	--	--	--	--	12.23	0.00	9.19
	12/17/98 ^b	80,900	5,470	1,380	14,200	10,800	3,110	11,800	--	--	--	--	--	11.35	0.00	10.07
	03/31/99 ^b	33,400	1,910	<750	5,970	1,740	1,400	3,820	--	--	--	--	--	10.85	0.00	10.57
	06/30/99 ^b	28,500	4,840	984	4,340	1,320	1,490	3,610	--	--	--	--	--	10.18	0.00	11.24
	12/08/99 ^b	62,400	2,500	<1,360	12,900	7,440	3,240	9,210	--	--	--	--	--	11.33	0.00	10.09
	06/20/00 ^b	25,000	<250	<750	6,360	480	2,190	3,930	--	--	--	--	--	11.68	0.00	9.74
	12/19/00	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	06/15/01 ^b	25,800	4,780	<883	5,300	90	1,930	2,190	--	--	--	--	--	11.85	0.00	9.57
	06/26/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 ^b	17,800	4,510	722	3,540	44.9	1,510	2,180	--	--	--	--	--	11.86	0.00	9.56
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	19,000	8,400	752	5,320	1,200	406	1,010	--	--	--	--	--	11.46	0.00	9.96
	03/08/02	59,200	8,550	661	7,200	8,610	2,190	8,200	--	--	--	--	--	11.70	0.00	9.72
06/24/02	12,500	4,200	614	2,140	651	659	1,160	--	--	--	--	--	11.91	0.00	9.51	
09/26/02 ^c	13,800	6,270	<1,160	5,840	21.8	280	87	--	--	--	--	--	12.80	0.00	8.62	
12/12/02	14,500	11,000	681	5,130	44.7	333	224	--	--	--	--	--	12.98	0.00	8.44	
03/13/03	25,600	6,480	<500	6,030	668	775	1,130	--	--	--	--	--	11.67	0.00	9.75	
06/12/03	13,000	2,880	<500	1,590	735	450	1,360	--	--	--	--	--	12.04	0.00	9.38	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-34 contd.	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	--
	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. ^{9,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		18.94
	06/02/08	1,280	<240	<481	55.1	1.26	5.07	<3	<1	<5	37.20	<1	356	11.84	0.00	18.74
08/04/08				Unable to unlock										--	--	--
11/05/08		1,890	<238	<476	23.2	1.2	10.4	<3.00	<1.00	8.55	1.41	<1.00	1,060	12.20	0.00	18.38
MW-35 20.10	11/04/91	24,000	<1,000	--		440	2,600	610	4,300	--	--	--	--	--	--	--
	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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-35 contd.	03/28/97	1,800	<250	<750		250	2.62	49.1	8.04	--	--	--		11.28	0.00	8.82	
	06/30/97 ^b	1,900	<250	<750		348	<2.5	85	7.31	--	--	--		10.19	0.00	9.91	
	09/08/97 ^b	4,200	<250	<750		1,460	16.2	231	68.2	--	--	--		10.86	0.00	9.24	
	12/19/97	--	--	--		--	--	--	--	--	--	--		NM	NM	--	
	03/16/98 ^b	905	361	<750		410	4.24	<2.5	<5.00	--	--	--		10.64	0.00	9.46	
	06/26/98 ^b	1,300	682	<750		600	<10	45.1	<20.0	--	--	--		10.65	0.00	9.45	
	09/23/98 ^b	665	659	<750		243	<2.5	<2.5	<5.00	--	--	--		11.38	0.00	8.72	
	12/17/98 ^b	699	572	<750		402	<2.5	10.8	9.99	--	--	--		10.49	0.00	9.61	
	03/31/99	Obstructed by vehicle													NM	NM	--
	06/30/99	Obstructed by vehicle													NM	NM	--
	12/08/99	Obstructed by vehicle													NM	NM	--
	06/20/00	Obstructed by vehicle													NM	NM	--
	12/19/00	Obstructed by vehicle													NM	NM	--
	06/15/01	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	06/26/01 ^b	504	464	<750	11.3	27.5	5.52	28.4	--	--	--	--	--	--	10.60	0.00	9.50
	09/04/01 ^b	263	903	<564	2.36	<0.5	<0.5	<1	--	--	--	--	--	--	10.54	0.00	9.56
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	691	1,160	<500	28.7	0.898	14.1	13.2	--	--	--	--	--	--	10.54	0.00	9.56
	03/08/02	638	1,100	<500	16.2	0.939	7.05	6.91	--	--	--	--	--	--	10.72	0.00	9.38
06/24/02	Obstructed by vehicle													NM	NM	--	
09/26/02 ^b	555	1,420	<500	9.49	<2	1.78	<1.50	--	--	--	--	--	--	11.90	0.00	8.20	
12/12/02	Obstructed by vehicle													NM	NM	--	
03/13/03	13,500	1,430	<500	749	153	791	2,160	--	--	--	--	--	--	9.87	0.00	10.23	
06/12/03	3,930	973	<562	338	21.2	49.9	222	--	--	--	--	--	--	11.91	0.00	8.19	
09/19/03	517	<373	<746	7.29	4.32	1.86	14.6	--	--	--	--	--	--	12.18	0.00	7.92	
01/14/04	614	142	<256	1.45	<0.5	0.657	0.568	--	--	--	--	--	--	11.33	0.00	8.77	
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	
03/17/05	168	<239	<478	<1	<1	<1	<2	--	--	--	--	--	--	10.88	0.00	8.57	
06/01/05	334	<238 ⁱ	<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	--	
19.45																	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-35 contd. 28.90	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
	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	<1	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	
MW-36 17.80	11/05/91	1,000	<1,000	--	24	0.9	<0.5	1.0	--	--	--	--	--	--	--	--
	12/30/93	<100	370	940	0.7	<0.5	<0.5	<0.5	--	--	--	--	--	9.42	0.00	8.38
	07/15/94	<100	410	960	0.7	<0.5	<0.5	<0.5	--	--	--	--	--	7.98	0.00	9.82
	10/25/94	<50	670	1,300	1.2	<0.5	<0.5	<1.0	--	--	--	--	--	9.32	0.00	8.48
	03/08/95	<50	560	1,200	2.6	<0.5	<0.5	<1.0	--	--	--	--	--	9.07	0.00	8.73
	06/06/95	<50	<250	<750	1	<0.5	<0.5	<1.0	--	--	--	--	--	7.92	0.00	9.88
	09/07/95	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	8.11	0.00	9.69
	12/08/95	<50	510	1,200	1.1	<0.5	<0.5	<1.0	--	--	--	--	--	9.00	0.00	8.80
	04/01/96	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	9.00	0.00	8.80
	06/25/96	<50	<250	<750	0.58	0.500	<0.5	<1.00	--	--	--	--	--	8.97	0.00	8.83
	09/27/96	<50	<250	<750	1.18	<0.5	<0.5	<1.00	--	--	--	--	--	7.53	0.00	10.27
	03/28/97	<50	<250	<750	0.810	<0.5	<0.5	<1.00	--	--	--	--	--	9.21	0.00	8.59
	06/30/97 ^b	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	6.88	0.00	10.92
	09/08/97 ^b	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	9.21	0.00	8.59
	12/19/97 ^b	<50	<250	<750	0.606	<0.5	<0.5	<1.00	--	--	--	--	--	10.09	0.00	7.71
	03/16/98 ^b	56.6	287	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	9.29	0.00	8.51
	06/26/98 ^b	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.47	0.00	9.33
	09/23/98 ^b	<50	<250	<750	0.737	<0.5	<0.5	1.13	--	--	--	--	--	9.89	0.00	7.91
12/17/98 ^b	<50	288	<750	0.533	<0.5	<0.5	<1.00	--	--	--	--	--	10.00	0.00	7.80	
03/31/99 ^b	<50	321	<750	0.759	<0.5	<0.5	<1.00	--	--	--	--	--	8.96	0.00	8.84	
06/30/99 ^b	<50	<250	<750	1.29	<0.5	<0.5	<1.00	--	--	--	--	--	8.44	0.00	9.36	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-36 contd.	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
	06/22/04	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	<50	<250	<500	0.90	<0.5	<0.5	<1.0	--	--	--	--	--	--	9.78	0.00	8.02
	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	--	
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 21.01	11/05/91	21,000	<1,000	--	810	2,400	470	3,300	--	--	--	--	--	--	--	--	
	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	--

**TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS**

ConocoPhillips Site No. 255353
600 Westlake Avenue N.
Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-37 contd.	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	1,650	7,440	--	--	--	--	--	--	11.14	0.25	10.07
	03/28/97	297,000	45,100	<8,250	6,570	13,200	4,930	22,900	--	--	--	--	--	--	11.14	0.25	10.07
	06/30/97	LPH Present												10.80	0.02	10.23	
	09/08/97	LPH Present												11.41	0.23	9.78	
	12/19/97	LPH Present												11.28	0.02	9.75	
	03/16/98	LPH Present												11.11	0.01	9.91	
	06/26/98	LPH Present												11.32	0.01	9.70	
	09/23/98	LPH Present												12.01	0.03	9.02	
	12/17/98	LPH Present												11.00	Trace	10.01	
	03/31/99	LPH Present												NM	Trace	--	
	06/30/99	LPH Present												DRY	0.30	--	
	12/08/99	--	--	--	--	--	--	--	--	--	--	--	--	--	11.11	--	9.90
	06/20/00	--	--	--	--	--	--	--	--	--	--	--	--	--	11.50	--	9.51
	12/19/00	LPH Present												11.50	0.50	9.91	
	06/15/01 ^b	LPH Present												11.35	0.03	9.68	
	06/26/01	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 ^b	159,000	22,100	14,600	3,420	12,600	4,440	27,000	--	--	--	--	--	--	11.43	0.00	9.58
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01 ^b	LPH Present												11.00	0.20	10.17	
	03/08/02	LPH Present												11.61	0.40	9.72	
	06/24/02	Inaccessible												NM	NM	--	
	09/26/02	--	--	--	--	--	--	--	--	--	--	--	--	--	12.38	0.00	8.63
12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	--	12.35	0.00	8.66	
03/13/03	--	--	--	--	--	--	--	--	--	--	--	--	--	11.10	0.00	9.91	
06/12/03	1,450	474	<568	22.9	43.2	15.8	85.5	--	--	--	--	--	--	11.61	0.00	9.40	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-37 contd.	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
30.09	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	--
	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
	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	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	4.87	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	3.63	0.54	4.58	38	<1.00	10.30	1.77	<1.00	<245	11.80	0.00	18.29	
MW-38 16.52	11/05/91	<1,000	<1,000	--	<0.5	0.6	<0.5	0.5	--	--	--	--	--	--	0.00	--
	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	--	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-38 contd.	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
06/02/05	Obstructed by vehicle													--	--	--
06/16/05	Obstructed by vehicle													--	--	--
07/26/05	<50	<250	<500	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--	--	--	7.60	0.00	8.92
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
26.01																

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-38 contd.	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
MW-40 20.89	11/05/91	<1,000	<1,000	--	5.8	0.7	0.5	0.8	--	--	--	--	--	--	--	--
	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	--	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-40 contd.	09/07/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
30.08	12/28/01	449	4,000	5,090	2.12	2.19	1.38	3.88	--	--	--	--	--	10.75	0.00	10.14
	03/08/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02	331	2,810	3,470	1.92	<2	<1	<1.50	--	--	--	--	--	12.69	0.00	8.20
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	509	2,010	2,010	<0.5	<0.5	0.630	1.77	--	--	--	--	--	11.30	0.00	9.59
	06/12/03	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	259	393	1,120	2.64	3.01	1.39	6.77	--	--	--	--	--	12.46	0.00	8.43
	01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/30/04	627	863	3,360	3.69	<1	<1	<2	--	--	--	--	--	11.55	Sheen	9.34
	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^{ij}	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	--
	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	
MW-41 27.00	11/05/91	<1,000	<1,000	--	67	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	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

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-41 contd.	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
36.25	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
	07/26/05	<50	258 ^c	977	<0.2	<0.2	<0.2	<0.50	<1	<0.5	--	--	--	15.88	0.00	--
	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	<3	<1	<5	<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	
MW-42 20.34	11/05/91	<1,000	<1,000	--	180	2.9	0.8	4.7	--	--	--	--	--	--	--	--
	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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-42 contd.	03/28/97	--	--	--	--	--	--	--	--	--	--	--	--	9.09	0.00	11.25
	06/30/97	--	--	--	--	--	--	--	--	--	--	--	--	8.92	0.00	11.42
	09/08/97	--	--	--	--	--	--	--	--	--	--	--	--	9.57	0.00	10.77
	12/19/97	--	--	--	--	--	--	--	--	--	--	--	--	NM	--	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--	--	9.53	0.00	10.81
	06/26/98	--	--	--	--	--	--	--	--	--	--	--	--	9.51	0.00	10.83
	09/23/98	--	--	--	--	--	--	--	--	--	--	--	--	9.96	0.00	10.38
	12/17/98	--	--	--	--	--	--	--	--	--	--	--	--	9.10	0.00	11.24
	03/31/99	--	--	--	--	--	--	--	--	--	--	--	--	9.00	0.00	11.34
	06/30/99	--	--	--	--	--	--	--	--	--	--	--	--	8.60	0.00	11.74
	12/08/99	--	--	--	--	--	--	--	--	--	--	--	--	8.00	0.00	12.34
	06/20/00	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/19/00	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	06/15/01	--	--	--	--	--	--	--	--	--	--	--	--	9.41	0.00	10.93
	06/26/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01	--	--	--	--	--	--	--	--	--	--	--	--	9.66	0.00	10.68
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	--	--	--	--	--	--	--	--	--	--	--	--	10.28	0.00	10.06
	03/08/02	--	--	--	--	--	--	--	--	--	--	--	--	9.75	0.00	10.59
	06/24/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
09/26/02	--	--	--	--	--	--	--	--	--	--	--	--	10.81	0.00	9.53	
12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	10.89	0.00	9.45	
03/13/03	--	--	--	--	--	--	--	--	--	--	--	--	9.77	0.00	10.57	
06/12/03	Not Sampled													NM	NM	--
06/02/05	198	-- ^e	-- ^e	4.67	<1	<1	<2	<1	--	--	--	--	--	9.52	0.00	10.82
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
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 ^g	<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	--	--	--	--	--	--	--	--

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-43 contd.	07/14/94	360	<250	<750	31	<0.5	4.6	74	--	--	--	--	--	10.70	0.00	10.34
	10/26/94	160	580	<750	9.1	<0.5	<0.5	<1.0	--	--	--	--	--	11.34	0.00	9.70
	03/08/95	<50	650	2,400	25	<0.5	<0.5	<1.0	--	--	--	--	--	11.35	0.00	9.69
	06/06/95	<50	690	1,500	8.2	<0.5	<0.5	<1.0	--	--	--	--	--	11.45	0.00	9.59
	09/07/95	<50	<250	850	10	<0.5	<0.5	<1.0	--	--	--	--	--	11.14	0.00	9.90
	12/08/95	<50	960	3,100	37	<0.5	<0.5	<1.0	--	--	--	--	--	10.85	0.00	10.19
	04/01/96	<50	300	<750	4.5	<0.5	<0.5	<1.0	--	--	--	--	--	10.98	0.00	10.06
	06/25/96	<50	370	<750	2.57	<0.5	<0.5	<1.00	--	--	--	--	--	11.06	0.00	9.98
	09/27/96	<50	339	<750	4.4	<0.5	<0.5	<1.00	--	--	--	--	--	11.33	0.00	9.71
	03/28/97	<50	<250	<750	5.89	0.884	<0.5	2.47	--	--	--	--	--	11.13	0.00	9.91
	06/30/97 ^b	<50	<250	<750	59.2	<0.5	<0.5	<1.00	--	--	--	--	--	7.08	0.00	13.96
	09/08/97 ^b	83	<250	<750	35.5	<0.5	2.10	3.08	--	--	--	--	--	11.46	0.00	9.58
	12/19/97	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/16/98 ^b	76.3	408	<750	26.5	<0.5	<0.5	<1.00	--	--	--	--	--	11.09	0.00	9.95
	06/26/98 ^b	<50	346	<750	69.6	<0.5	<0.5	<1.00	--	--	--	--	--	11.26	0.00	9.78
	09/23/98 ^b	<50	267	<750	9.05	<0.5	<0.5	<1.00	--	--	--	--	--	11.75	0.00	9.29
	12/17/98 ^b	<50	<250	<750	33.0	<0.5	<0.5	<1.00	--	--	--	--	--	11.07	0.00	9.97
	03/31/99 ^b	<50	267	<750	9.84	<0.5	0.782	2.47	--	--	--	--	--	10.97	0.00	10.07
	06/30/99 ^b	146	253	<750	28.2	7.47	2.95	17.5	--	--	--	--	--	9.97	0.00	11.07
	12/08/99 ^b	<50	<250	<750	20.5	<0.5	<0.5	<1.00	--	--	--	--	--	11.06	0.00	9.98
	06/20/00 ^b	<50	<250	<750	3.79	<0.5	<0.5	<1.00	--	--	--	--	--	11.40	0.00	9.64
	12/19/00 ^b	55.9	253	<749	2.97	0.948	0.730	4.78	--	--	--	--	--	11.40	0.00	9.64
	06/15/01 ^b	<50	405	<750	0.670	<0.5	<0.5	1.22	--	--	--	--	--	11.32	0.00	9.72
	06/26/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 ^b	<50	<293	<587	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	11.46	0.00	9.58
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	52	487	<500	5.61	1.18	0.558	3.34	--	--	--	--	--	11.17	0.00	9.87
	03/08/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
06/24/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
09/26/02 ^c	<100	303	<500	0.669	<2	<1	<1.50	--	--	--	--	--	12.28	0.00	8.76	
12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
03/13/03	<50	<321	<641	0.883	<0.5	<0.5	<1.00	--	--	--	--	--	11.20	0.00	9.84	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-43 contd. 30.21	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	--
	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 18.73	11/05/91	<1,000	<1,000	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
	07/15/94	<100	<250	<750	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	8.35	0.00	10.38	
	10/26/94	<50	280	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	9.81	0.00	8.92	
	03/08/95	<50	290	940	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	9.44	0.00	9.29	
	06/06/95	<50	<250	820	<0.5	<0.5	<0.5	1.60	--	--	--	--	--	8.28	0.00	10.45	
	09/07/95	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	7.94	0.00	10.79	
	12/08/95	<50	520	2,500	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	8.09	0.00	10.64	
	04/01/96	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	7.98	0.00	10.75	
	06/25/96	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	7.90	0.00	10.83	
	09/27/96	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.28	0.00	10.45	
	03/28/97	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.07	0.00	10.66	
	06/30/97 ^b	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	7.84	0.00	10.89	
	09/08/97 ^b	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.65	0.00	10.08	
	12/19/97 ^b	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.51	0.00	10.22	
03/16/98 ^b	60.0	310	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.43	0.00	10.30		
06/26/98 ^b	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.37	0.00	10.36		

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-44 contd.	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
	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

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-44 contd.	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	
MW-45 18.11	11/04/91	17,000	2,000	--		500	1,000	370	2,300	--	--	--	--	--	--	--	
	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	9.89	
	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 ^j	<491 ⁱ		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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-45 contd.	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.													--	--	--
MW-46 16.91	11/05/91	<1,000	<1,000	--	<0.5	0.6	<0.5	1.2	--	--	--	--	--	--	--	--	
	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	--	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-46 contd.	03/08/02	--	--	--		--	--	--	--	--	--	--	--	NM	NM	--	
	06/24/02	--	--	--		--	--	--	--	--	--	--	--	NM	NM	--	
	09/26/02	Unable to locate													NM	NM	--
	12/12/02	--	--	--		--	--	--	--	--	--	--	--	NM	NM	--	
	03/13/03	Covered by asphalt													NM	NM	--
	06/12/03	--	--	--		--	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	Covered by asphalt													NM	NM	--
	01/14/04	Monitoring Discontinued													NM	NM	--
MW-47 19.83	11/05/91	<1,000	<1,000	--	5.2	0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
	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		

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-47 contd.	12/19/00 ^b	1,310	357	<750	<0.5	6.10	10.6	77.3	--	--	--	--	--	11.20	0.00	8.63
	06/15/01	<50	591	<952	0.709	0.504	<0.5	1.18	--	--	--	--	--	10.98	0.00	8.85
	06/26/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 ^b	<50	356	<500	<0.5	<0.5	<0.5	<1	--	--	--	--	--	11.14	0.00	8.69
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	181	542	<500	7.64	1.49	4.79	37.8	--	--	--	--	--	10.90	0.00	8.93
	03/08/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02 ^c	106	747	<500	2.36	<2	<1.00	<1.5	--	--	--	--	--	11.85	0.00	7.98
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	75.5	<284	<568	<0.5	<0.5	<0.5	<1	--	--	--	--	--	10.91	0.00	8.92
	06/12/03	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	76.8	<294	<588	3.41	<0.5	<0.5	1.14	--	--	--	--	--	12.05	0.00	7.78
	01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/30/04	272	262	980	<1	<1	<1	<2	--	--	--	--	--	11.81	0.00	8.02
	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	--	
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	<1	--	11.24	0.00	18.10	
05/09/06	97.8	<236	<472	<0.5	<0.5	<0.5	<3	<1	<1	<1	<1	--	11.41	0.00	17.93	
06/13/06	Decommissioned													--	--	--
MW-48 27.98	06/01/05	357	294 ^g	<494	<1	<1	<1	<2	<1	--	--	--	--	9.40	0.00	--
	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	<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													--	--	--

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-49 22.36	07/25/05	313	2,060	6,590	<0.2	<0.2	<0.200	0.3	<1	0.550	--	--	--	3.82	0.00	--	
	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	<236	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	
MW-50 19.80	10/10/01	8,970	2,200	<606		674	221	382	779	--	--	--		11.11	0.00	8.69	
	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^l	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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-50 contd.	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	
MW-51 20.58	10/10/01	671	11,700	2,150	10.1	10.4	7.75	16.6	--	--	--	--	--	11.68	0.00	8.90	
	12/28/01	631	2,170	3,100	37.0	75.6	30.4	81.2	--	--	--	--	--	11.20	0.00	9.38	
	03/08/02	102	2,350	1,610	6.22	5.89	3.84	10.4	--	--	--	--	--	11.38	0.00	9.20	
	06/24/02	57.7	2,650	1,730	1.28	1.42	0.699	2.51	--	--	--	--	--	11.60	0.00	8.98	
	09/26/02 ^c	<100	1,660	875	0.848	<2	<1	<1.5	--	--	--	--	--	12.18	0.00	8.40	
	12/12/02	<50	2,050	781	<0.5	<0.5	<0.5	<1	--	--	--	--	--	12.28	0.00	8.30	
	03/13/03	<50	693	<625	<0.5	<0.5	<0.5	<1	--	--	--	--	--	11.05	0.00	9.53	
	06/12/03	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	09/19/03	52.4	<250	<500	1.47	1.81	0.544	3.59	--	--	--	--	--	12.42	0.00	8.16	
	01/14/04	73.5	<139	<278	<0.25	0.804	<0.5	<1	--	--	--	--	--	11.79	0.00	8.79	
	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 ^{lf}	536 ^{lf}	--	--	--	--	--	--	--	--	--	--	--	--	
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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-51 contd.	12/19/07	<50	<236	<472	<1	<1	<1.00	<3	<1	<1	20.60	--	--	11.17	0.00	18.58	
	03/18/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<1	11.71		18.04	
	06/03/08	Well covered by construction vehicles and semi-trucks, unable to sample													--	--	--
	08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	1.40	<236	11.98	0.00	17.77	
	11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00		<5.00	<1.00	<1.00	<236	11.83	0.00	17.92	
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	--
	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	<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	<1	--	10.48	0.00	18.58
	08/30/06	178	<236	<472	10.3	1.14	8.04	11	<1	<5	<1	<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	<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	<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	<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	<236	10	0.00	19.06	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-53 20.75	03/13/03	14,000	1,030	<625	398	143	501	1,170	--	--	--	--	--	11.17	0.00	9.58	
	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 ^p	<500	20.4	0.610	8.96	13.14	<1	9.15	--	--	--	11.75	0.00	--	
	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	<236	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	
11/04/08	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		
MW-54 28.00	06/16/05	206	130 ^f	410	4.82	<1	2.09	10.27	<1	--	--	--	--	9.09	0.00	18.91	
	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		

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-54 contd.	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
MW-55 29.22	06/16/05	2,240	3,100^{f1}	<2,500ⁱ	<2	<2	<2	<4	<2	--	--	--	--	10.53	0.00	18.69
	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	699ⁿ	<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	
MW-56 29.70	06/16/05	135	210 ^f	380 ^f	<1	<1	<1	<2	1.29	--	--	--	--	10.91	0.00	18.79
	07/25/05	220	<250	<500	3.81	<0.2	3.96	<0.5	<1	<0.5	--	--	--	11.24	0.00	18.46
	11/03/05	130	<236	<472	7.28	<0.5	1.70	2.33	<2	--	--	--	--	11.03	0.00	18.67
	02/22/06	285	<248	<495	3.69	0.690	0.870	<3	2.79	<1	<1	--	--	10.96	0.00	18.74
	05/08/06	120	<248	<495	<0.5	<0.5	<0.5	<3	<1	<1	<1	--	--	11.19	0.00	18.51
	08/30/06	449	<243	<485	36.7	<0.5	4.02	<3	1.67	<5	1.85	--	--	11.96	0.00	17.74
	12/12/06	609	<245	<490	2.72	0.570	5.12	<3	3.56	<5	<1	--	--	11.11	0.00	18.59
	03/06/07	279	<250	<500	<0.5	<0.5	<0.500	<3	2.20	<5	<1	--	--	10.96	0.00	18.74
	06/15/07	106	<245	<490 ^r	1.94	<0.5	0.650	<3	1.53	10.1	<1	--	--	11.11	0.00	18.59
	09/13/07	<50	<250	<500	<0.5	<0.5	<0.500	<3	<1	<5	<1	--	--	11.30	0.00	18.40
	12/18/07	51.30	<236	<472	<1	<1	<1.00	<3	<1	<1	2.99	--	--	9.83	0.00	19.87
	03/18/08	92.90	<236	<472	<236	1.01	0.62	1.83	<3	<1	<5	5.97	<1	10.68	0.00	19.02
	06/03/08	73.80	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<236	11.12	0.00	18.58
	08/05/08	98.4	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	1.46	<1	<236	11.60	0.00	18.10
11/03/08	312	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<236	11.11	0.00	18.59	
MW-57 29.31	06/16/05	16,900	1,800^f	<1,200	525	2,310	327	2,188	<20	--	--	--	--	10.54	0.00	18.77
	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

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-57 contd.	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	
MW-58 30.69	06/16/05	3,970	420 ^t	<250	628	499	143	541	<5	--	--	--	--	11.71	0.00	18.98
	07/25/05	7,750	673 ^p	<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	
MW-59 30.73	06/16/05	10,100	1,700 ^f	<1,200	519	<10	176	725.2	<10	--	--	--	--	12.00	0.00	18.73
	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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-60 30.31	06/16/05	64,300	4,300 ^{f,i}	<5,000 ⁱ	4,100	6,820	2,260	10,610	<40	--	--	--	--	11.54	Sheen	18.77
	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 ^{l,f}	<962 ⁱ	--	--	--	--	--	--	--	--	--	--	--	--
	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	406 ^p	<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	
MW-61 30.24	11/01/05	<50	<236	<472	10.0	<0.5	<0.5	<1	<2	--	--	--	--	11.39	0.00	18.85
	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 29.74	11/01/05	<50	<243	<485	0.470	<0.5	<0.5	<1	<2	--	--	--	--	10.79	0.00	18.95
	02/21/06	<50	<275	<549	<2.50	<2.5	<2.5	<15	<5	<5	<1	--	--	10.52	0.00	19.22
	05/09/06	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<1	<1	--	--	10.71	0.00	19.03
	08/31/06	<100	<248	<495	<0.5	<0.5	<0.5	<3	<1	<5	1.13	--	--	11.76	0.00	17.98
	12/13/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.89	0.00	19.85
	03/06/07	Decommissioned												--	--	--
MW-63 29.43	11/01/05	<50	<250	<500	1.00	<0.5	<0.5	<1	<2	--	--	--	--	10.44	0.00	18.99
	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	0.590	<0.5	<0.5	<3	<1	<5	<1	--	--	9.99	0.00	19.44
	03/06/07	Decommissioned												--	--	--

**TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS**

ConocoPhillips Site No. 255353
600 Westlake Avenue N.
Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-64 28.73	11/01/05	<50	<250	<500	41.9	<0.5	<0.5	<1	<2	--	--	--	--	9.82	0.00	18.91
	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 ¹	<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 27.67	11/04/05	857	<236	<472	0.740	0.740	12.9	7.80	<1	--	--	--	--	9.23	0.00	18.44
	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 ¹	<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 28.65	11/07/05	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	--	--	--	--	10.50	0.00	18.15
	02/24/06	<50	<253	<505	<0.5	<0.5	<0.5	<3	<1	<1 ¹	<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 27.64	11/04/05	78.1	<238	<476	<0.5	<0.5	0.77	1.44	<1	--	--	--	--	9.33	0.00	18.31
	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 29.23	11/04/05	437	<236	<472	8.11	0.790	<0.5	<3	1.21	--	--	--	--	11.30	0.00	17.93
	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 27.67	11/07/05	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	--	--	--	--	9.10	0.00	18.57
	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													--	--

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-70 31.14	11/02/05	24,800	<236	<472	29.8	3.60	697	1,540	<1	--	--	--	--	12.60	0.00	18.54
	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 30.42	11/03/05	18,100	5,880 ^g	<472	240	59.3	925	1,750	<20	--	--	--	--	11.61	0.00	18.81
	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	
MW-72 30.32	11/03/05	71.3	<236	<472	0.980	<0.5	<0.500	2.32	<2	--	--	--	--	10.33	0.00	19.99
	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 ^l	<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	
MW-73 30.11	11/03/05	1,070 ^m	249 ^g	<472	23.1	1.74	3.58	4.74	<2	--	--	--	--	11.50	0.00	18.61
	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 ^l	<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 ^l	<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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-73 contd.	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	
MW-74 30.35	11/04/05	2,160 ^j	<245	<490	14.2	1.53	13.0	3.35	<1	--	--	--	--	11.79	0.00	18.56	
	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 28.11	11/08/05	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	--	--	--	--	10.12	0.00	17.99	
	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													--	--	--
	03/06/07	Not Accessible													--	--	--
MW-76 27.08	11/08/05	84.6	<245	<490	0.700	<0.5	<0.5	<3	<1	--	--	--	--	9.42	0.00	17.66	
	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	<236	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 26.53	11/04/05	<50	<236	<472	<0.5	<0.5	0.540	<3	<1	--	--	--	--	8.65	0.00	17.88	
	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													--	--	--

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-78 26.45	11/04/05	<50	<236	<472	0.590	0.760	0.730	<3	<1	--	--	--	--	8.30	0.00	18.15	
	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 26.80	11/04/05	<50	<236	<472	0.620	<0.5	0.67	1.41	<1	--	--	--	--	8.61	0.00	18.19	
	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 26.34	11/03/05	69.4	<243	<485	3.96	<0.5	10	7.88	<2	--	--	--	--	8.21	0.00	18.13	
	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	-- ^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	
MW-81 26.21	11/03/05	<50	<236	<472	<0.2	<0.5	0.840	2.05	<2	--	--	--	--	8.37	0.00	17.84	
	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	-- ^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	
MW-82 23.70	11/03/05	16,300	1,850^g	<472	308	427	696	3,370	<40	--	--	--	--	4.92	0.00	18.78	
	02/21/06	15,400	<258 ^g	<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													--	--	--

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-82 contd.	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	
	11/04/08	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	
MW-83 23.63	11/03/05	2,270	<236 ^j	<472 ^j	67.9	202	50.6	230	<4	--	--	--	--	4.71	0.00	18.92	
	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 accessible- 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.													--	--	--
	Well under construction debris.													--	--	--	
MW-84 28.51	11/02/05	95.5	<236	<472	10.2	<0.5	<0.500	<3	<1	--	--	--	--	9.85	0.00	18.66	
	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 28.29	11/02/05	108	<236	<472	3.25	0.740	2.19	5.68	<1	--	--	--	--	9.80	0.00	18.49	
	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 27.55	11/02/05	3,010	<248	<495	508	5.09	5.26	31.5	<1	--	--	--	--	9.28	0.00	18.27	
	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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-86 contd.	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	
MW-87 26.74	11/02/05	<50	<245	<490	2.35	1.28	1.33	6.61	<1	--	--	--	--	8.40	0.00	18.34	
	02/21/06	<50	<263 ^q	<526	<0.5	<0.5	<0.5	<3	<1	<1	<1	--	--	8.55	0.00	18.19	
	05/09/06	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1.0	<1	<1	--	--	7.98	0.00	18.76	
	08/29/06	<80	<248	<495	<0.5	<0.5	<0.5	<3	<1.0	<5	<1	--	--	9.33	0.00	17.41	
	12/11/06	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1.0	<5	<1	--	--	8.96	0.00	17.78	
	03/07/07	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1.0	<5	<1	--	--	8.44	0.00	18.30	
	06/13/07	162	<243	<485	<0.5	<0.5	<0.5	<3	<1.0	<5	<1	--	--	8.17	0.00	18.57	
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1.0	<5	<1	--	--	8.27	0.00	18.47	
	12/18/07	<50	<240	<481	<1	<1	<1	<3	<1.0	<1	2.95	--	--	7.50	0.00	19.24	
	03/18/08	<50	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<1	<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		
MW-88 27.28	11/07/05	14,700	<240	<481	546	<50	2,230	1,400	<100	--	--	--	--	8.75	0.00	18.53	
	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 23.02	11/03/05	1,110	<236	<472	10.3	8.20	82.5	170	<2	--	--	--	--	3.92	0.00	19.10	
	02/24/06	49,900	1,180^q	<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	357	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	276	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		
MW-90 22.90	11/02/05	3,840^m	444 ^q	<490	70.8	2.94	244	792	<4	--	--	--	--	4.22	0.00	18.68	
	02/21/06	19,800	504^q	<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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-90 contd.	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	
MW-91 23.13	11/03/05	9,390	2,230 ^g	<472	56.2	6.45	319	414	<10	--	--	--	--	4.13	0.00	19.00
	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
MW-92 28.98	11/02/05	12,300	338 ^g	<472	925	83.4	756	940	<20	--	--	--	--	10.28	0.00	18.70
	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	
MW-93 25.74	11/02/05	79.3	<248	<495	0.370	0.570	0.720	2.35	<2	--	--	--	--	7.06	0.00	18.68
	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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-93 contd.	06/13/07	1,330	822 ^{g, P}	1,250	<0.5	0.680	1.77	3.01	<1	5.40	1.66	--	--	6.94	0.00	18.80	
	09/13/07	303	267	616	<0.5	<0.5	1.37	<3	<1	5.43	1.05	--	--	7.26	0.00	18.48	
	12/17/07	Unable to locate on site map												--	--	--	
	03/17/08	1,200	541	1,660	464	<0.5	<0.5	0.96	<3	<1	<5	<1	<1	6.79	0.00	18.95	
	06/03/08	1,320	429	<472	6.56	<0.5	3.62	1.44	<1	<5	<1	<1	613	6.63	0.00	19.11	
	08/06/08	847	1,140	1,270	<0.5	0.51	1.44	<3	<1	<5	2.69	<1	946	7.50	0.00	18.24	
	11/03/08	1,110	564	842	<0.500	<0.500	1.43	<3.00	<1.00	<5.00	2.95	<1.00	535	5.87	0.00	19.87	
MW-94 21.90	11/02/05	393	277 ^g	<472	1.74	0.750	30.2	4.62	<2	--	--	--	--	3.21	0.00	18.69	
	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	<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		
MW-95 31.99	11/02/05	545	<236	<472	1.06	0.910	1.18	9.87	<1	--	--	--	--	13.50	0.00	18.49	
	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		
MW-96 24.98	11/02/05	3,230	501 ^g	<472	172	75.1	65.0	714	<4	--	--	--	--	6.28	0.00	18.70	
	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												--	--	--	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-96 contd.	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.												--	--	--
		Well under construction debris.												--	--	--
MW-97 30.35	11/02/05	17,600	441 ^g	<490	121	38.2	1,010	1,860	<1	--	--	--	--	11.70	0.00	18.65
	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 30.47	11/02/05	25,800	<250	<500	1,880	4,080	680	3,760	<1	--	--	--	--	11.85	0.00	18.62
	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 29.34	11/02/05	910	<243	<485	1.84	0.850	11.1	73.8	<1	--	--	--	--	10.57	0.00	18.77
	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 28.10	07/25/05	6,960	432 ^p	<500	39.1	61.4	88.0	429	<5	19.7	--	--	--	9.45	0.00	18.65
	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 23.86	07/25/05	Well could not be located												--	--	--
	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
	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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-103 27.22	07/26/05	<50	<250	<500	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--	--	8.61	0.00	--	
	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	-- ^u	<1	--	--	6.01	0.00	21.21
	12/13/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	--	--	9.00	0.00	18.22
03/06/07	Decommissioned													--	--	--	
MW-105 29.61	07/26/05	62,000	821^p	<500	1,970	7,460	2,640	12,750	<1	723	--	--	--	10.88	0.00	--	
	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 29.69	11/07/05	533	<250	<500	4.39	1.21	8.65	22.1	5.03	--	--	--	--	11.22	0.00	18.47	
	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	1,440ⁱ	<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 ⁱ	<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.													--	--	--
MW-201 29.32	11/07/05	56.8	974^f	4,180	<0.5	<0.5	0.990	9.49	<1	--	--	--	--	9.81	0.00	19.51	
	02/22/06	199	464 ⁿ	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.													--	--	--	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
MW-202 30.55	11/04/05	247	<240	<481	0.630	0.880	<0.5	1.80	<1	--	--	--	--	12.77	0.00	17.78	
	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		
MW-203 26.63	11/08/05	<50	<238	<476	1.14	<0.5	0.780	<3	<1	--	--	--	--	8.24	0.00	18.39	
	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		
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		
MW-204 28.13	11/03/05	725	<236	<472	34.5	0.550	23.3	13.6	<2	--	--	--	--	10.05	0.00	18.08	
	02/21/06	3,120	<287 ^q	<575	388	<2.5	221	87.0	<5	42.2	1.63	--	--	10.09	0.00	18.04	
	05/09/06	2,990^l	<236 ^p	<472	343	9.05	144	84.7	<5	50.6	<1	--	--	9.40	0.00	18.73	
	06/13/06	Decommissioned													--	--	--
MW-205 28.08	11/02/05	735	<236	<472	0.750	<0.5	23.2	20.6	<1	--	--	--	--	9.34	0.00	18.74	
	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 31.54	11/03/05	93.4	<236	<472	2.23	<0.5	2.86	2.84	<2	--	--	--	--	12.60	0.00	18.94	
	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	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-206 contd.	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
MW-207 30.65	11/04/05	<50	<281	<562	2.82	<0.5	<0.5	<3	<1	--	--	--	--	13.79	0.00	16.86
	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	
MW-208 30.28	11/07/05	1,980	<250	<500	20.2	4.40	35.2	143	<1	--	--	--	--	11.44	0.00	18.84
	02/22/06	11,900	<243	<485	131	35.4	450	1,610	<20	96.8	2.17	--	--	11.11	0.00	19.17
	05/10/06	13,400	<236	<472	185	29.2	785	2,358	<20	184	1.80	--	--	11.52	0.00	18.76
	08/30/06	21,800	276 ^g	<495	213	93.9	1,590	5,960	<1	521	2.88	--	--	12.10	0.00	18.18
	12/12/06	21,800	542	<490	78.6	18.2	949	3,780	<20	315	1.28	--	--	11.09	0.00	19.19
	03/08/07	34,000	454	<500	212	25.2	1,660	5,360	40.0	838	<1	--	--	11.02	0.00	19.26
	06/14/07	57,400	591 ^g	<472	241	52.6	3,520	12,900	<20	2,110	1.74	--	--	11.22	0.00	19.06
	09/14/07	63,000	1,120	<490	93.7	44.2	2,360	8,480	<1	1,080	<1	--	--	11.40	0.00	18.88
	12/17/07	8,770	<238	<476	30.0	1.4	470	1,310	<1	--	2.97	--	--	10.63	0.00	19.65
	03/18/08	23,200	512	<472	6,180	35.2	5.58	756	2,280	<1	210	217.00	<1	10.91	0.00	19.37
	06/01/08	17,200	310	<472	29.2	10.3	856 ^x	2200 ^x	<1	256 ^x	7.91	<1	7,460	12.22	0.00	18.06
	08/10/08	40,600	115	<485	52.1	31	1,490	4,920	<10	414	6.23	1.56	12,600	12.30	0.00	17.98
11/02/08	32,700	988	<490	10.9	23.5	947	3,150	<1.00	21.4	1.80	1.41	12,500	11.80	0.00	18.48	
MW-209 27.00	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	17.78
MW-210 26.70	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
MW-211 26.55	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
MW-806 26.28	11/02/05	61.8	<245	<490	1.57	<0.5	2.94	10.3	<2	--	--	--	--	7.58	0.00	--
	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

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
MW-X 28.37	11/02/05	760	252 ^f	<472	114	0.730	14.0	7.16	<1	--	--	--	--	9.65	0.00	18.72
	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												--	--	--
SMW-3	03/08/95	<50	400	2,500	<0.5	<0.5	<0.5	<1	--	--	--	--	--	10.25	0.00	--
	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	--	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D.	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
SMW-3 contd.	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	--	
	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	<1	--	--	11.84	0.00	17.19
	08/30/06	<80	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	--	--			
	10/11/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<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	<1	--	--	12.14	0.00	16.89
	03/08/07	<50	<250	<500	<0.5	<0.5	<0.5	<3	<1	<5	<1	<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													--	--	--	
27.40	06/02/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<236	9.05	0.00	19.98	
	08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	4.54	<1	<236	7.64	0.00	21.39	
	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	
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	--	

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)	
SMW-4 contd.	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	--
	28.33	07/25/05	14,500	6,490	1,110	2,120	<20	908	<50	<1	312	--	--	--	9.04	Sheen	--
		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	651 ^g	<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	
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	
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		
SMW-5 29.17	07/25/05	3,110	835 ^b	<500	40.2	0.790	41.8	21.48	<1	24.6	--	--	--	10.40	0.00	--	
	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	248 ^p	<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		

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Site No. 255353
 600 Westlake Avenue N.
 Seattle, Washington

Sample I.D. TOC ^a	Sample Date	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	TPH-Oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)	Kerosene (µg/L)	DTW (feet)	SPH (feet)	GWE (feet)
SMW-5 contd.	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
MTCA Method A Cleanup Level for Groundwater		1000/800^k	500	500	5	1,000	700	1,000	20	160	15	15	500	--	--	--

NOTES:

µg/L = micrograms per liter

mg/L = milligrams per liter

TOC = Relative top of casing elevation

DO = Dissolved oxygen concentration, measured in the field with a dissolved oxygen meter

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.

^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.

ⁱ Surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

^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 Surrogate 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 Diluted 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

APPENDIX A
GROUNDWATER SAMPLING PROCEDURES AND
GROUNDWATER MONITORING FIELD DATA RECORDS

STANTEC MONITORING WELL GAUGING, PURGING AND SAMPLING PROCEDURES

Monitoring well purging and sampling was conducted based on USEPA approved (Puls and Barcelona, 1996) low-flow sampling techniques whenever possible.

Purging Procedures

- A. Using a decontaminated instrument (i.e., tape measure, continuity meter, or interface probe) measure the depth to groundwater in reference to the measuring point at the top of the casing. Measure the total depth of the well and diameter of the well casing to calculate the volume of water in the well casing.
- B. Based on previously obtained data, if a monitoring well is suspected of containing LPH concentrations, lower a transparent bailer into the well to evaluate the presence of a hydrocarbon sheen on the water table.
- C. Decontaminate the purge pump and/or PVC bailers by scrubbing in Alconox detergent solution, followed by a tap water rinse and then a de-ionized water rinse.
- D. Purge by low-flow pumping (less than 0.5 liters per minute) for approximately five minutes. Monitor the static water level in the well using a decontaminated instrument and adjust the pumping rate to maintain a minimal drawdown. If low-flow purging is not possible and bailing is used to purge the well, then a minimum of three well volumes will be removed. When purging 3 well volumes, parameters should be measured after each casing volume is removed. If the well goes dry, the procedure listed in step E2 (below) should be followed.
- E. Conduct field measurements (i.e., pH, specific conductivity, temperature, and oxidation-reduction potential) note clarity, color, turbidity, and odor of purge water, and measure depth to groundwater.
 1. If the well has not been purged dry and drawdown is minimal, continue to pump and conduct field measurements (including depth to water) again every three to five minutes during purging.
 - a) If the first through third series of measurements vary by less than 10 percent, the well has been adequately purged. If bailers are used to purge the well, then the water level is allowed to recover to 80 percent of its static condition, or for two hours, whichever comes first prior to beginning the sampling procedure.
 - b) If the measurements vary by 10 percent or greater, repeat Step E1 above.
 - c) If a minimum of three parameters cannot be measured during purging and or drawdown cannot be controlled to minimal, remove three well volumes with a bailer prior to sampling.
 2. If the well has been purged dry, measure the water level and allow the well to recharge to 80 percent, or for two hours, whichever occurs first. Calculate the percent recovery, and begin the sampling procedure.

Sampling Procedures

- Use the pump and a clean, dedicated section of tubing to collect the groundwater sample from the screened interval of the water column. If the pump cannot be used, collect the water sample with a clean, dedicated polyethylene disposable bailer.
- Transfer the groundwater sample into the appropriate container(s). Where applicable, some containers are completely filled to achieve zero headspace. Label the samples according to location and date of collection.
- Enter the samples into Chain-of-Custody and preserve on ice until delivery to the analytical laboratory. Complete the Well Development or Purging/Sampling Log to be stored in the project file.

Reference:

Puls, R.W., and Barcelona M.J., 1996. EPA Ground Water Issue Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, EPA/540/S-95/504.



SECOR

Field Report

GEO-301

Page 1 of 1

Rev. 0 | Apr 2005

FIELD OFFICE: <u>REDMOND, WA</u>	DATE: <u>11-02-2008</u>	PAGE:	CLIENT: <u>CP</u>
TO: <u>5353</u>	PROJECT NO.:	TASK NO.:	SUBCONTRACTOR: <u>AGS</u>
<u>WESTLAKE MERCER</u>	LOCATION: <u>6000 WESTLAKE AVE N SEATTLE</u>		
	WEATHER: <u>RAIN</u>	TEMP: <u>58</u>	

CHRONOLOGY OF FIELD ACTIVITIES/ISSUES/OBSERVATIONS

- 0500 STANTEC-AGS ON SITE
- DISCUSS TRAFFIC CONTROL
- 0510 HEALTH & SAFETY
- 0525 SET UP TCS
- 0610 SET UP MW-208
- 0630 HORRIBA DOESN'T READ
- 0645 NEW 9-V DOES NOT FIX - DAVE TO OFFICE FOR NEW HORRIBA
- 0730 DAVE BACK W/ NEW HORRIBA
- 0745 SAMPLE MW-208
- 0800 SET UP MW-18 - NO TUBING - WELL CAGED W/ MUD
- 0810 SET UP MW-37
- 0830 SAMPLE MW-37
- 0900 SET UP MW-19
- 0930 SAMPLE MW-19
- PARTIAL SAMPLE, WENT DRY, 1 AMBER NOT FILLED
- 1010 SET UP MW-55
- 1030 SAMPLE MW-55
- 1055 AGS OFF SITE
- 1115 STANTEC OFF SITE

EQUIPMENT USED:	SUBCONTRACTOR HOURS:	STAFF HOURS:
MILEAGE:	REVIEWED BY:	
CC:	PREPARED BY:	

SITE VISITATION REPORT

4Q08 Sampling Event - Former ConocoPhillips Service Station No. 255353, Seattle, WA

Name(s) Debbie Hanson
Matt Tolley Date: 11/3/2008 Time of Arrival Call-In: 0720
 Arrival Time: 0716 Departure Time: 1517 Time of Departure Call-In: 01515
 Who did you call? Jenn Yotz

DRUM INVENTORY

WATER	CARBON	TOTAL OPEN TOP
SOIL	EMPTY	TOTAL BUNG TOP

HEALTH AND SAFETY ASSESSMENT

Tailgate H&S meeting (2 times)
PTW form

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

0600 Arrived at work. 2nd HORIBA not work. David Reitz & Scott Manning stay at office to go to INW 206 to do work in Chevy Silverado. Tailgate.

0716 Arrived on-site for rainfall downpour. Matt Tolley already on-site.

0720 Don PPE Called; Jenn Yotz left message. Matt To

0731 Called; Jenn Yotz about MW-60 no W/L or bolts * NEAR

0734-0745 Set-up tailgate exclusion zone. Conducted H&S meeting. PTW form. 3-stage decon set-up. MT gets dolly.

0750 DH Site walk, green wells. West Marine guy told MT and me to move our cars over to fences out of parking lot center. MT helped me back up. Set-up tailgate exclusion zone 2nd time.

0800 Stopped raining.

0815 Set-up exclusion zone MW-54. Begin gauging.

0845 Scott Manning & David Reitz arrive on-site.

0846 AGS arrived on-site. David R. & AGS guy go off-site to locate South Mercer St. wells.

0855-0907 2nd H&S meeting w/ SM, DR, Walter AGS.

0907 AGS goes out to set-up cones, traffic control. DH resumes gauging MW-50. Gauge MW-51. INW call Scott - he can go pick up 3rd HORIBA. Unload Chevy, load up FORD

1000 David Reitz and DH go out into the street at MW-206.

1030 sampled MW-206. * Lady asked us to flag down Seattle Police car - she had a car accident.

1110 Done MW-206. * Guy with long beard asked what we were doing.

SITE OBSERVATION REPORT



Stantec

Project: 255353 Westlake & Mercer
 Contractor: AGS - traffic
 Owner: CP
 Location: 600 Westlake Avenue N.

File No. _____
 Project No. 01CP.01396.44
 Project No. _____
 Date: 11/3/2008
 Page 2 of _____

The following items were noted: Weather: Cloudy. Rain at times. 55°F

- 1110-1145 David Reitz drove DH back over to property. Unloaded my stuff from FORD to Chevy since Scott came back with 3rd MORIBA. Gauged MW-56. Set-up equipment
- 1145 to start groundwater sampling on MW-56
- * 1158 Sampled MW-56. * AGS truck jumper cables to FORD F250.
- 1220 Closed up MW-56. Move to MW-50. 1238 started MW-50 purging.
- * 1257 sampled MW-50.
- 1330 Closed up MW-50. Move to MW-54. Issue fishing out dedicated skinny tubing w/ bolt + string (not work)
Walked over to the guys in street for spool of tiny dedicated tubing - don't have it in FORD F250. Took 7 feet of skinny tubing from David and a tall barrel. I was able to pull out tubing. Start purging well.
- 1411 sampled MW-54. MT, SM went for ice. MT came over. David Reitz came over.
- 1442 Paco Arrived TestAmerica. Can't do MW-51. Decon equipment. Scott Manning and David Reitz coolers. Scott Manning talk w/ Paco. DR, MT & DH pack up, purge water
- 1505 Paco TestAmerica leaves.
- 1506 AGS Walter leaves. David locked up compound.
- 1512 Scott Manning called Jenn Yotz. Matt Tooley departed site in his own Saturn car. DH in Chevy. DR & SM in FORD F250.
- 1517 Departed the site.

Prepared by: Deitrie Hanson
 Print Name
Deitrie Hanson
 Signature



SECOR

Field Report

GEO-301

Page 1 of 1

Rev. 0 | Apr 2005

FIELD OFFICE: REDMOND	DATE: 11-03-08	PAGE:	CLIENT: UP
TO: WESTLAKE-MERCER	PROJECT NO.:	TASK NO.:	SUBCONTRACTOR: AGS
	LOCATION: 6000 WESTLAKE AVE N		
	WEATHER: CLOUDY	TEMP: 55	

CHRONOLOGY OF FIELD ACTIVITIES/ISSUES/OBSERVATIONS

- 0830 - SCOTT & DAVE ON SITE - MATT & DIETRE ON EARLIER. DROPPED OFF HORRIBA @ INW.
- 0840 AGS ON SITE - HEALTH & SAFETY
- 0900 AGS SET UP SOUTH LANE OF MERCER
- 1000 STANTEC SET UP @ MW-206
- 1030 SAMPLE MW-206
- 1045 SET UP MW-71
- 1145 SAMPLE MW-71
- 1210 SET UP MW-72
- 1240 SAMPLE MW-72
- 1255 SET UP MW-73
- 1320 SAMPLE MW-73
- 1335 SET UP MW-40
- 1400 SAMPLE MW-40
- 1450 TA PICK UP SAMPLES

EQUIPMENT USED:	SUBCONTRACTOR HOURS:	STAFF HOURS:
MILEAGE:	REVIEWED BY:	
CC:	PREPARED BY:	

SITE VISITATION REPORT

4Q08 Sampling Event - Former ConocoPhillips Service Station No. 255353, Seattle, WA

Name(s) DH, MT, DR, SM Date: 11/4/2008 Time of Arrival Call-In: 0730
 Arrival Time: SM, DR-0734 Departure Time: 1522, 1515, Time of Departure Call-In: _____
MT-0700 1531 Who did you call? Jenn Yotz
DH-0851

DRUM INVENTORY

<u>1</u>	WATER	_____	CARBON	TOTAL OPEN TOP	_____
_____	SOIL	_____	EMPTY	TOTAL BUNG TOP	<u>1</u>

HEALTH AND SAFETY ASSESSMENT

Tailgate H&S
PTW form

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

0600 DH, SM arrived at work. DR already there. Moved Chevy Silverado to load up
 "Check tire pressure right rear tire" on dash console. Told SM.
 Don PPE at the office. Load up my sampling gear into Chevy Silverado.
 0645-0651 Deitrie drove Chevy Silverado to Les Schwab 124th wait till 0730.
 0730 Les Schwab work on truck - low tires both rear tires, water test, proper inflate.
 0734 Scott + David arrived on-site. Scott called me @ Les Schwab - need
 resistaltic pump wall charger back at office.
 0752. Both rear tires were low. OK'd to leave. Les Schwab
 0802. Back at office: drop off Les Schwab envelope, picked up charger for MT
 Tammy Parise stopped me - another wall charger.
 0806 Leave office for Westlake. 0830 AGS arrived on-site.
 0851 Arrived on-site. SM gave me HASP. Deitrie does H&S meeting + PTW form.
 0900 Deitrie sets up tailgate delineation, 3-stage decon water, bottles.
 0935 Begin purging MW-51. *****
 0940 Kipp Eckert arrived on-site. Deitrie goes to him: * 11/4 -> 11/5 * * *
 0952 sample MW-51. Kipp asked if told West Marine. * Concentra maps
 1015 Closed MW-51. Told Kipp about * for 2 clinics for 5353 W&M
 1015-1037 Deitrie conducted H&S meeting * HASP - add to HASP on site
 and went over PTW form with Kipp Eckert. Kipp was hoping to
 find maps to Concentra Occupational Health clinics - not in HASP
 1040 Kipp Eckert departed the site and thanked me for H & S talk,
 1055 Dumped purge water into 55-gallon drum. Label it.
 1100 Moved Chevy truck over into enclosed area where gas station was demolished
 Talked w/ SM, DR who were finished with 2 south street wells Westlake Ave N.

SITE OBSERVATION REPORT



Stantec

Project: 4908 GWM 255353 Westlake
 Contractor: CP (AGS)
 Owner: CP
 Location: 600 Westlake Avenue N

File No. _____
 Project No. 01CP.01396.44
 Project No. _____
 Date: 11/4/2008
 Page 2 of 2

The following items were noted: Weather: Cold, Overcast, Sun breaks 45°F

1110 Parked inside fenced gas station. Begin gauging 10 wells.
Abum has entered site laying down on the ground, coffee.

1115-1300 Gauged 9 of 11 wells in fenced demo'd gas station.
2 not locate: MW-3A under garbage debris
MW-33 buried gravel from station demo.

1314 Begin to purge MW-53
1329 sampled MW-53. HORIBA silicon tubing muddy - wash out cup
and replaced silicon tubing prevent
CROSS CONTAMINATION.

1358 DONE MW-53 - closed up. Scott came over - done in the street.

1410 Begin to purge MW-58.
AGS picked up all cones from street and went back on-site.

1426 sampled MW-58. Scott said 16 wells left.
Scott talked to Matt Tolley before Matt left site.

1452 Matt Tolley departs site.
1452 Closed MW-58. Pack up. Drove out of fenced area
back to parking lot. Gave cooler to Scott for Paco.

1500 Deitrie walks around to Porta-Potty-bathroom
1500 Paco from Test America arrived onsite.
Deitrie packs up Chevy truck. David and Scott lock
compound and pack up.

1522 Scott + David in Ford F250 depart the site

1530 Deitrie departs the site. 16 wells = 5 8 3

1601 Back at the office.

1615 Unloaded truck.

Prepared by:

Deitrie Hanson

Print Name

Deitrie Hanson

Signature



SECOR

Field Report

GEO-301

Page 1 of 1

Rev. 0 | Apr 2005

FIELD OFFICE: REDMOND, WA	DATE: 11-04-2008	PAGE:	CLIENT: CP
TO: 5353	PROJECT NO.:	TASK NO.:	SUBCONTRACTOR: AGS
	LOCATION: 6000 WESTLAKE AVE N		
	WEATHER: CLOUD	TEMP: 45	

CHRONOLOGY OF FIELD ACTIVITIES/ISSUES/OBSERVATIONS

0730 DAVE, SCOTT ; MEET ON SITE
 0740 HEALTH & SAFETY SITE WALK
 0830P AGS ON SITE - HEALTH & SAFETY - SITE WALK
 0900 DETRIE ON SITE HEALTH AND SAFETY
 AGS SET UP @ S. WESTLAKE
 0910 SET UP MW-41
 0940 SAMPLE MW-41
 1020 SET UP MW-95
 1045 SAMPLE MW-95
 1125 SET UP MW-44
 1205 SET UP MW-86
 1235 SAMPLE MW-86
 1300 SET UP MW-87
 1330 SAMPLE MW-87
 1430 AGS OFF SITE
 1515 DAVE & SCOTT OFF SITE

EQUIPMENT USED:	SUBCONTRACTOR HOURS:	STAFF HOURS:
MILEAGE:	REVIEWED BY:	
CC:	PREPARED BY:	

SITE VISITATION REPORT

4Q08 Sampling Event - Former ConocoPhillips Service Station No. 255353, Seattle, WA

page 1

Name(s) DH, SM, DR Date: 11/5/08 Time of Arrival Call-In: 0705
 Arrival Time: DR, SM - 0700 Departure Time: DR, SM - 1528 Time of Departure Call-In: 1550
DH - 0713 DH - 1600 Who did you call? Jenn Yotz

DRUM INVENTORY

_____	WATER	_____	CARBON	TOTAL OPEN TOP	_____
_____	SOIL	_____	EMPTY	TOTAL BUNG TOP	2

HEALTH AND SAFETY ASSESSMENT

Tailgate H&S Meeting (DH, SM, DR)
PTW form

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

Cold. Pt. Cloudy 39° F. Dry

0600 Arrived at work. Briefing. Pack up the Chevy and FORD. 0645 Leave.
 0700 David & Scott arrived on-site. 0713 Daria arrived on-site. Don PPE.
 Moved trucks closer to fence. Set up tailgate delineation.
 0725 Conducted tailgate H&S meeting. Signed PTW form.
 David & Scott get bottles and headed out to 3 newly installed weirs north side
 by trolley track. DH gets her bottles. Drove into fenced off demogas station
 0755 Set-up at MW-34. 0813 Began purging MW-34.
 0826 sampled MW-34.
 0848 Closed MW-34. Moved truck to MW-59. Set-up. *cell phone
 0856 Began purging MW-59. 1. OTAK
 0909 sampled MW-59. 2. Jennelle Trokey
 0935 Closed MW-59. Moved to MW-32A.
 0940 Began purging MW-32A.
 0956 sampled MW-32A.
 1020 Closed MW-32A. Scott came over to get C1-1, C1-2, 202 bottles and cadders.
 1026 Moved truck back to MW-52
 1032 Began purging MW-32A.
 1045 sampled MW-52. 1105 closed MW-52.
 1114 Began purging MW-57.
 1127 sampled MW-57. Peristaltic pump died on last amber. Took 2nd pump.
 1210 DONE with MW-57. move to MW-35!

SITE VISITATION REPORT

4Q08 Sampling Event - Former ConocoPhillips Service Station No. 255353, Seattle, WA

page 2

Name(s) DH, SM, DR
Arrival Time: DR, SM - 0700
DH - 0713

Date: 11/5/2008
Departure Time: DR, SM - 1528
DH

Time of Arrival Call-In: 0705
Time of Departure Call-In: 1550
Who did you call? Jenn Yotz

DRUM INVENTORY

_____	WATER	_____	CARBON	_____	TOTAL OPEN TOP
_____	SOIL	_____	EMPTY	_____	TOTAL BUNG TOP <u>2</u>

HEALTH AND SAFETY ASSESSMENT

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

1214 Begin pumping MW-35 using 2nd peristaltic pump. Scott came over and took the bad peristaltic pump from Deitrie that died on MW-57. Discussed doing MW-207.

1227 Sampled MW-35. 1248 Closed well, MW-35.

1253 Begin pumping MW-60.

1306 Sampled MW-60. 1330 closed plug, put delineator back on top of it.

1330 Decon equipment. Invented samples from 7 wells.

1330-1425 Picked Chevy back out with FORD F250. Scott parked lab coolers and did the COC. Deitrie deconned her equipment and David put stuff into connex box. Decided that Deitrie stay behind and David and Scott will go to NW to drop off rented HIRIBF used here and broken yellow portable sampler (peristaltic pump).

1428 Scott and David Reitz depart the site. Deitrie stay behind waiting for Paco to show up. Pack up truck.

1530 Paco arrived. Packed coolers and signed COC forms.

1536 Paco leaves site for TestAmerica
5 coolers - 14 wells, DH coolers w/ extra unused voas, ambers, polys.

1540 DH Cell phone rings.

1600 Kathin called me. Called Jenn Yotz. Called Kathin back.

1600 Depart the site.

1628 Back at work.

Stantec Consulting Corporation

HYDROLOGIC DATA SHEET

Gauge Date: 4/2/08 - 4/5/08

Project Name: Former ConocoPhillips Service Station
No. 25535

Field Technicians: DH, SM, DR, MT

Project Number: 01CP.01396.44

DTP = Depth to Free Product (FP or NAPL) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

Flow through cell calibrated Y ~~N~~

Wells checked for product and gauged prior to commencement of bailing or purging the wells Y ~~N~~

WELL OR LOCATION	WELL SCREEN DEPTH	PROPOSED INTAKE RANGE (feet below TOC)	MEASUREMENTS				PURGE? (Y/N)	SHEEN? (Y/N)	SAMPLE? (Y/N)	gauging date COMMENTS / PROBE CALIBRATION
			TIME	DTP (feet)	DTW (feet)	DTB (feet)				
CI-1			1100	NA	10.87	29.87	Y	N	Y	4/5/08
CI-2			1105	—	9.74	28.90	Y	N	Y	4/5/08
MW-3A		well located under garbage debris pile. No access.								4/4/08
MW-18		well filling vault + intruding into casing. Not sampled					N	N	N	4/2/08
MW-19			0910	—	11.62	14.80	Y	N	Y	11/2/08 well purged dry.
MW-32A			1158	—	11.20	24.63	Y	N	Y	4/4/08
MW-33		buried under gravel from station demolition								4/4/08
MW-34			1200	—	12.20	25.90	Y	N	Y	4/4/08
MW-35			1225	—	10.07	24.00	Y	N	Y	4/4/08
MW-37			0815	—	11.80	20.60	Y	N	Y	11/2/08
MW-38			1225	—	7.86	22.05	Y	N	Y	purged by hand
MW-40			1340	—	12.50	19.00	Y	N	Y	4/3/08
MW-41			0920	—	15.80	19.80	Y	N	Y	4/4/08
MW-44			1140	—	9.25	45.00	Y	N	Y	11/4/08
MW-45		well underwater - unable to access.								11/3/08
MW-49			4/3/08 0905	—	3.13	17.05	N	N	N	underwater when attempted to sample
MW-50			0919	—	10.79	17.70	Y	N	Y	4/3/08
MW-51			0940	—	11.83	15.43	Y	N	Y	11/3/08
MW-52			1242	—	10.00	17.60	Y	N	Y	4/4/08
MW-53			1122	—	11.34	20.34	Y	N	Y	4/4/08
MW-54			0831	—	8.72	17.70	Y	N	Y	11/3/08
MW-55			1015	—	11.75	19.65	Y	N	Y	11/2/08
MW-56			1120	—	11.11	20.00	Y	N	Y	11/3/08
MW-57			1234	—	10.49	18.60	Y	N	Y	11/4/08
MW-58			1134	—	12.12	20.50	Y	N	Y	11/4/08
MW-59			1152	—	11.90	20.00	Y	N	Y	11/4/08
MW-60			1215	—	11.54	20.00	Y	N	Y	4/4/08 missing top lid
MW-71			1130	—	11.90	19.95	Y	N	Y	4/3/08
MW-72			1225	—	11.80	19.80	Y	N	Y	11/3/08
MW-73			1300	—	11.40	19.90	Y	N	Y	11/3/08

Stantec Consulting Corporation

HYDROLOGIC DATA SHEET

Gauge Date: 11/2/08 - 11/6/08

Project Name: Former ConocoPhillips Service Station
No. 255353

Field Technicians: DH, MT, SM, DR

Project Number: 01CP.01396.44

DTP = Depth to Free Product (FP or NAPL) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

Flow through cell calibrated Y ~~X~~ N

Wells checked for product and gauged prior to commencement of bailing or purging the wells Y ~~X~~ N

WELL OR LOCATION	WELL SCREEN DEPTH	PROPOSED INTAKE RANGE (feet below TOC)	MEASUREMENTS				PURGE? (Y/N)	SHEEN? (Y/N)	SAMPLE? (Y/N)	gauging date COMMENTS / PROBE CALIBRATION
			TIME	DTP (feet)	DTW (feet)	DTB (feet)				
MW-74										well gone due to structure work, no access.
MW-76										abandoned in October 2008.
MW-80			1100	—	8.51	20.3	Y	N	Y	11/3/08
MW-81			1140	—	8.53	20.21	Y	N	Y	11/3/08
MW-82			0820	—	4.75	18.1	Y	N	Y	11/3/08
MW-83										well buried under construction debris, No access.
MW-86			1220	—	9.28	19.80	Y	N	Y	11/3/08 11/4/08
MW-87			1310	—	8.75	19.90	Y	N	Y	11/3/08 11/4/08
MW-89			0925	—	4.49	12.30	Y	N	Y	11/3/08
MW-90			0855	—	4.25	18.35	Y	N	Y	11/3/08
MW-91			0910	—	4.39	18.50	Y	N	Y	11/3/08
MW-92			0940	—	10.47	21.10	Y	N	Y	11/3/08
MW-93			0837	—	5.87	18.00	Y	N	Y	11/3/08
MW-94			0845	—	3.23	20.25	N	N	N	gauged 11/3/08, unusable water when returned to sample
MW-95			1030	—	13.75	17.90	Y	N	Y	11/4/08
MW-96										well buried under construction debris, no access.
MW-102			0810	—	4.30	10.70	Y	N	Y	11/3/08
MW-200										North lane of Mercas partially flooded, No access to well.
MW-201										North lane of Mercas partially flooded, No access to well.
MW-202			1215	—	12.52	19.61	Y	N	Y	11/5/08
MW-203			1300	—	7.05	17.01	Y	N	Y	11/4/08
MW-206			1010	—	9.03	11.50	Y	N	Y	11/3/08 bolt missing
MW-207			1250	—	13.85	19.40	Y	N	Y	11/5/08
MW-208			0730	—	11.80	19.05	Y	N	Y	11/2/08
MW-209			0810	—	9.22	19.85	Y	N	Y	11/5/08
MW-210			0900	—	8.60	19.50	Y	N	Y	11/5/08
MW-211			0940	—	7.23	20.29	Y	N	Y	11/5/08
SMW-3			1335	—	9.70	14.32	Y	N	Y	11/4/08
SMW-4			1000	—	9.41	15.45	Y	N	Y	11/3/08
SMW-5			1030	—	10.00	14.50	Y	N	Y	11/3/08

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

 PROJECT #: 01CP.01396.44

 PURGED BY: SM

 WELL I.D.: C1-81

 CLIENT NAME: Kipp Eckert

 SAMPLED BY: SM

 SAMPLE I.D.: C1-21

 LOCATION: 600 Westlake Avenue N Seattle, WA

 DATE PURGED 11-05-08

 START (2400hr) 1100

END (2400hr) _____

 DATE SAMPLED 11-05-08

 SAMPLE TIME (2400hr) 1115

 LOW-FLOW USED X

 SAMPLE TYPE: Groundwater X

Surface Water _____

Treatment Effluent _____

Other _____

 CASING DIAMETER: 2" X

 3" _____
 Casing Volume: (liters per foot) (0.64)

 4" _____
 (1.44)

 5" _____
 (3.86)

 6" _____
 (5.68)

 8" _____
 (9.84)

Other _____

 DEPTH TO BOTTOM (feet) = 29.87

 DEPTH TO WATER (feet) = 10.81

 WATER COLUMN HEIGHT (feet) = 19.06

 ACTUAL PURGE (L) = .2

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) <i>s/m</i>	pH (units)	COLOR (visual)
11/5/08	1105	500	16.62	.173	8.59	CLEAR
11/5/08	1107	250	16.65	.174	8.62	CLEAR
11/5/08	1109	250	16.70	.175	8.64	CLEAR
11/5/08	1111	250	16.73	.175	8.65	CLEAR
11/5/08	1113	250	16.73	.175	8.67	CLEAR

Calculated Variance of Final Three Samples: _____

Acceptable Variance Limits: _____

≤10%

≤3%

≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____

 SAMPLE DTW: 12.23

ANTICIPATED PURGE INTAKE DEPTH: _____

ANALYSES: TPH-g, TPH-d, TPH-o, _____

Total Lead, Dissolved lead _____

Kerosene, BTEX, Naphthalene _____

 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

Sampling Equipment _____

SAMPLING EQUIPMENT:

Horiba, Water Quality Monitor, Peristaltic Pump, Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: _____

 YES X NO _____

 WELL PAD CONDITION: Good

 WELL CASING CONDITION: Good

 WELL VAULT CONDITION: Good

 SEAL PRESENT?: Y

 BOLTS PRESENT?: 3/3

 WELL INTEGRITY: Good

 WELL TAG: N

 LOCK#: N

REMARKS: _____

 SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

 PROJECT #: 01CP.01396.44

 PURGED BY: D. Reitz

 WELL I.D.: C1-2

 CLIENT NAME: Kipp Eckert

 SAMPLED BY: D. Reitz

 SAMPLE I.D.: C1-2

 LOCATION: 600 Westlake Avenue N Seattle, WA

 DATE PURGED 11/5/08

 START (2400hr) 1105

 END (2400hr) 1150

 DATE SAMPLED 11/5/08

 SAMPLE TIME (2400hr) 1130

 LOW-FLOW USED

 SAMPLE TYPE: Groundwater

 Surface Water

 Treatment Effluent

 Other

 CASING DIAMETER: 2"

 3"

 4"

 5"

 6"

 8"

 Other

 Casing Volume: (liters per foot) (0.64)
(1.44)
(2.45)
(3.86)
(5.68)
(9.84)

 DEPTH TO BOTTOM (feet) = 28.80

 DEPTH TO WATER (feet) = 9.74

WATER COLUMN HEIGHT (feet) = _____

 ACTUAL PURGE (L) = 4.0 3.8^{mm}

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/5/08</u>	<u>1110</u>	<u>800</u>	<u>15.8</u>	<u>60.1</u>	<u>8.14</u>	<u>Clr</u>
<u>11/5/08</u>	<u>1113</u>	<u>500</u>	<u>15.9</u>	<u>49.6</u>	<u>8.16</u>	<u>Clr</u>
<u>11/5/08</u>	<u>1116</u>	<u>500</u>	<u>16.0</u>	<u>43.4</u>	<u>8.15</u>	<u>Clr</u>
<u>11/5/08</u>	<u>1119</u>	<u>500</u>	<u>16.3</u>	<u>40.3</u>	<u>8.13</u>	<u>Clr</u>
<u>11/5/08</u>	<u>1122</u>	<u>500</u>	<u>16.3</u>	<u>39.9</u>	<u>8.12</u>	<u>Clr</u>
<u>11/5/08</u>	<u>1125</u>	<u>500</u>	<u>16.3</u>	<u>39.7</u>	<u>8.10</u>	<u>Clr</u>
<u>11/5/08</u>	<u>1128</u>	<u>500</u>	<u>16.4</u>	<u>38.8</u>	<u>8.09</u>	<u>Clr</u>

 Calculated Variance of Final Three Samples:
 Acceptable Variance Limits:

≤10%
≤3%
≤0.1

 DEPTH TO PURGE INTAKE DURING PURGE: 27.00

 SAMPLE DTW: 9.80

 ANTICIPATED PURGE INTAKE DEPTH: 27.00 ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene

 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly. HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment

 Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?:

 YES NO

 WELL PAD CONDITION: Fair

 WELL CASING CONDITION: Fair

 WELL VAULT CONDITION: Fair

 SEAL PRESENT?: yes

 BOLTS PRESENT?: N

 WELL INTEGRITY: Fair

 WELL TAG: yes

 LOOK#: yes

REMARKS: _____

 SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: _____ WELL I.D.: MW-3A
 CLIENT NAME: Kipp Eckert SAMPLED BY: _____ SAMPLE I.D.: MW-3A
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/4/08 START (2400hr) _____ END (2400hr) _____
 DATE SAMPLED _____ SAMPLE TIME (2400hr) _____ LOW-FLOW USED _____
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" _____ 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = _____
 DEPTH TO WATER (feet) = _____
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

UNABLE TO ACCESS
WELL
UNDER PILE OF GARBAGE
IN COMPOUND
DH 11-4-08

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: $\leq 10\%$ $\leq 3\%$ ≤ 0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: _____

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment

Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES _____ NO _____

WELL PAD CONDITION: _____ WELL CASING CONDITION: _____

WELL VAULT CONDITION: _____ SEAL PRESENT?: _____ BOLTS PRESENT?: _____

WELL INTEGRITY: _____ WELL TAG: _____ LOCK#: _____

REMARKS: _____

SIGNATURE: _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: _____ WELL I.D.: MW-18
 CLIENT NAME: Kipp Eckert SAMPLED BY: _____ SAMPLE I.D.: _____
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-02-08 START (2400hr) 0800 END (2400hr) _____
 DATE SAMPLED _____ SAMPLE TIME (2400hr) _____ LOW-FLOW USED _____
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = _____

DEPTH TO WATER (feet) = _____

WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: _____

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: **6 voas, 2 Ambers, -HCL** 1 Poly HNO₃, 1 Poly blank

PURGING EQUIPMENT:

Sampling Equipment

SAMPLING EQUIPMENT:

Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES _____ NO _____

WELL PAD CONDITION: Good WELL CASING CONDITION: Poor
 WELL VAULT CONDITION: Poor SEAL PRESENT?: N BOLTS PRESENT?: N
 WELL INTEGRITY: Poor WELL TAG: 2 LOCK#: N

REMARKS: No tubing mud caked on inside of well mud filled
inside of vault, need J-plug instead of current cap.

SIGNATURE: *[Handwritten Signature]*

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

 PROJECT #: 01CP.01396.44

 PURGED BY: D. Reitz

 WELL I.D.: MW-19

 CLIENT NAME: Kipp Eckert

 SAMPLED BY: D. Reitz

 SAMPLE I.D.: MW-19

 LOCATION: 600 Westlake Avenue N Seattle, WA

 DATE PURGED 11/2/08

 START (2400hr) 0910

 END (2400hr) 1000

 DATE SAMPLED 11/2/08

 SAMPLE TIME (2400hr) 0930

 LOW-FLOW USED X

 SAMPLE TYPE: Groundwater Surface Water Treatment Effluent Other

 CASING DIAMETER: 2" 3" 4" 5" 6" 8" Other
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

 DEPTH TO BOTTOM (feet) = 14.80

 DEPTH TO WATER (feet) = 11.62

 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 3.0 2.8 dm

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) ^{S/m}	pH (units)	COLOR (visual)
11/2/08	0915	800	16.6	0.645	6.53	Clr
11/2/08	0918	500	16.7	0.650	6.53	Clr
11/2/08	0921	500	16.7	0.653	6.53	Clr
11/2/08	0924	500	16.4	0.648	6.54	Clr
11/2/08	0927	500	16.3	0.644	6.54	Clr

 Calculated Variance of Final Three Samples:
 Acceptable Variance Limits:

≤10% ≤3% ≤0.1

 DEPTH TO PURGE INTAKE DURING PURGE: 14.00 SAMPLE DTW: _____

 ANTICIPATED PURGE INTAKE DEPTH: 14.00 ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead

Kerosene, BTEX, Naphthalene

 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank
PURGING EQUIPMENT:
SAMPLING EQUIPMENT:

Sampling Equipment

 Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

 Flow Through Cell Disconnected Prior to Sample Collection?: YES NO

 WELL PAD CONDITION: Fair

 WELL CASING CONDITION: Fair

 WELL VAULT CONDITION: Fair

 SEAL PRESENT?: yes

 BOLTS PRESENT?: yes

 WELL INTEGRITY: Fair

 WELL TAG: yes

 LOCK#: yes

 REMARKS: Well was purged dry during sampling, VAULT NEEDS TO BE CAPTURED/CE MUDS.

 SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44PURGED BY: Debbie HansonWELL I.D.: MW-32ACLIENT NAME: Kipp EckertSAMPLED BY: Debbie HansonSAMPLE I.D.: MW-32ALOCATION: 600 Westlake Avenue N Seattle, WADATE PURGED 11/5/2008 START (2400hr) 0940 END (2400hr) 1020DATE SAMPLED 11/5/2008 SAMPLE TIME (2400hr) 0956 LOW-FLOW USED SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()DEPTH TO BOTTOM (feet) = 24.63DEPTH TO WATER (feet) = 11.20WATER COLUMN HEIGHT (feet) = 13.43ACTUAL PURGE (L) = 1.350²L

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) S/m	pH (units)	COLOR (visual)
11/5/08	0945	0.250L	15.4	0.122	6.70	clear
11/5/08	0948	0.200L	16.0	0.120	6.70	clear
11/5/08	0951	0.200L	16.2	0.119	6.70	clear
11/5/08	0954	0.200L	16.3	0.119	6.70	clear

DH 11-5-08

Calculated Variance of Final Three Samples: _____
Acceptable Variance Limits: ≤10% ≤3% ≤0.1DEPTH TO PURGE INTAKE DURING PURGE: 23.63 SAMPLE DTW: 11.20ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead

Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

Sampling Equipment

SAMPLING EQUIPMENT:

Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSIFlow Through Cell Disconnected Prior to Sample Collection?: YES NO _____WELL PAD CONDITION: GOOD WELL CASING CONDITION: GOODWELL VAULT CONDITION: GOOD SEAL PRESENT?: No BOLTS PRESENT?: No bolts this wellWELL INTEGRITY: GOOD WELL TAG: No LOCK#: _____REMARKS: Brown flat lid - use Bear Claw tool. ² added 0.50L to total from water
in HORIBA chamber.SIGNATURE: Debbie Hanson

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: Deitric Hanson WELL I.D.: MW-34
CLIENT NAME: Kipp Eckert SAMPLED BY: Deitric Hanson SAMPLE I.D.: MW-34
LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/5/2008 START (2400hr) 0813 END (2400hr) 0848
DATE SAMPLED 11/5/2008 SAMPLE TIME (2400hr) 0826 LOW-FLOW USED X
SAMPLE TYPE: Groundwater x Surface Water Treatment Effluent Other

CASING DIAMETER: 2" X 3" (1.44) 4" (2.45) 5" (3.86) 6" (5.68) 8" (9.84) Other
Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 25.90
DEPTH TO WATER (feet) = 12.20
WATER COLUMN HEIGHT (feet) = 13.70 ACTUAL PURGE (L) = 1.450L

FIELD MEASUREMENTS

Table with columns: DATE, TIME (2400hr), VOLUME (L), TEMP. (degrees C), CONDUCTIVITY (umhos/cm) S/m, pH (units), COLOR (visual). Includes data for 11/5/08 and variance limits: <=10%, <=3%, <=0.1.

DEPTH TO PURGE INTAKE DURING PURGE: 24.90 SAMPLE DTW: 11.75

ANTICIPATED PURGE INTAKE DEPTH: ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead, Kerosene, BTEX, Naphthalene
SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: SAMPLING EQUIPMENT:
Sampling Equipment Horiba, Water Quality Monitor, Peristaltic Pump, Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO

WELL PAD CONDITION: GOOD WELL CASING CONDITION: GOOD
WELL VAULT CONDITION: GOOD SEAL PRESENT?: No BOLTS PRESENT?: Not use bolts
WELL INTEGRITY: GOOD WELL TAG: No LOCK#: Yes-gold

REMARKS: Brown lid use bear claw to open. Brown dirt on tip of DTW interface probe. I added 0.50L to HORIBA total liters purged.

SIGNATURE: Deitric Hanson Page ___ of ___

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: Deitrie Hanson WELL I.D.: MW-35
 CLIENT NAME: Kipp Eckert SAMPLED BY: Deitrie Hanson SAMPLE I.D.: MW-35
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/5/2008 START (2400hr) 1214 END (2400hr) 1248
 DATE SAMPLED 11/5/2008 SAMPLE TIME (2400hr) 1227 LOW-FLOW USED X
 SAMPLE TYPE: Groundwater x Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" _____ 3" _____ 4" X 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 24.00
 DEPTH TO WATER (feet) = 10.07
 WATER COLUMN HEIGHT (feet) = 13.93 ACTUAL PURGE (L) = 1.350 L

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) S/m	pH (units)	COLOR (visual)
<u>11/5/08</u>	<u>1219</u>	<u>0.350L</u>	<u>16.1</u>	<u>0.123</u>	<u>6.60</u>	<u>Gray opaque</u>
<u>11/5/08</u>	<u>1222</u>	<u>0.250L</u>	<u>16.2</u>	<u>0.123</u>	<u>6.60</u>	<u>Gray opaque</u>
<u>11/5/08</u>	<u>1225</u>	<u>0.250L</u>	<u>16.2</u>	<u>0.123</u>	<u>6.60</u>	
<u>11/5/08</u>						
<u>11/5/08</u>						

DH 11-5-08

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 23.00 SAMPLE DTW: 10.26

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead, Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

Sampling Equipment _____

SAMPLING EQUIPMENT:

Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO _____

WELL PAD CONDITION: FAIR WELL CASING CONDITION: GOOD
 WELL VAULT CONDITION: GOOD SEAL PRESENT?: Yes-good BOLTS PRESENT?: 3 bolts
 WELL INTEGRITY: GOOD WELL TAG: No well tag LOCK#: Gold master Yes

REMARKS: Using 2nd Peristaltic pump after first one died on 5th well today
1 added 0.500L to total. Nitish for water in HORIBA chamber.

SIGNATURE: Deitrie Hanson

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: D. Reitz WELL I.D.: MW-37
 CLIENT NAME: Kipp Eckert SAMPLED BY: D. Reitz SAMPLE I.D.: MW-37
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/2/08 START (2400hr) 0815 END (2400hr) 0900
 DATE SAMPLED 11/2/08 SAMPLE TIME (2400hr) 0830 LOW-FLOW USED X
 SAMPLE TYPE: Groundwater X Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" X 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 20.60

DEPTH TO WATER (feet) = 11.80

WATER COLUMN HEIGHT (feet) = 8.40

ACTUAL PURGE (L) = 23

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) ^{3/m}	pH (units)	COLOR (visual)
<u>11/2/08</u>	<u>0820</u>	<u>800</u>	<u>14.9</u>	<u>0.635</u>	<u>6.54</u>	<u>Clr</u>
<u>11/2/08</u>	<u>0823</u>	<u>500</u>	<u>15.0</u>	<u>0.636</u>	<u>6.57</u>	<u>Clr</u>
<u>11/2/08</u>	<u>0826</u>	<u>500</u>	<u>15.2</u>	<u>0.640</u>	<u>6.58</u>	<u>Clr</u>
<u>11/2/08</u>	<u>0829</u>	<u>500</u>	<u>15.3</u>	<u>0.643</u>	<u>6.59</u>	<u>Clr</u>
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 18.00 SAMPLE DTW: 11.90

ANTICIPATED PURGE INTAKE DEPTH: 18.00 ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

Sampling Equipment _____

SAMPLING EQUIPMENT:

Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO _____

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair

WELL VAULT CONDITION: Fair SEAL PRESENT? yes BOLTS PRESENT? yes

WELL INTEGRITY: Fair WELL TAG: yes LOCK#: yes

REMARKS: VAULT NEEDS TO BE CLEARED OF MUD

SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: MT WELL I.D.: MW-38
 CLIENT NAME: Kipp Eckert SAMPLED BY: MT SAMPLE I.D.: MW-38
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/4/08 START (2400hr) 12:25 END (2400hr) 13:00
 DATE SAMPLED 11/4/08 SAMPLE TIME (2400hr) 12:40 LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water Treatment Effluent Other

CASING DIAMETER: 2" 3" 4" 5" 6" 8" Other
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 20.05
 DEPTH TO WATER (feet) = 7.86
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 1.02

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (μ mhos/cm)	pH (units)	COLOR (visual)
<u>11/4/08</u>	<u>12:30</u>	<u>500</u>	<u>15.07</u>	<u>16.4</u>	<u>8.57</u>	<u>C</u>
<u>11/4/08</u>	<u>12:33</u>	<u>250</u>	<u>15.10</u>	<u>17.0</u>	<u>8.56</u>	<u>C</u>
<u>11/4/08</u>	<u>12:30</u>	<u>250</u>	<u>15.12</u>	<u>17.2</u>	<u>8.55</u>	<u>C</u>
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: $\leq 10\%$ $\leq 3\%$ ≤ 0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: 7.98

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o.
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: _____ SAMPLING EQUIPMENT: _____
 Sampling Equipment SJWE Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO

WELL PAD CONDITION: BAD WELL CASING CONDITION: Fair
 WELL VAULT CONDITION: Fair SEAL PRESENT?: Y BOLTS PRESENT?: Y
 WELL INTEGRITY: _____ WELL TAG: Y LOCK#: N

REMARKS: NEEDS TO BE REPURGED.
PUMP D.G.D. FINISHED SAMPLING w/ Batches

SIGNATURE: _____ Page of

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: DR WELL I.D.: MW-40
 CLIENT NAME: Kipp Eckert SAMPLED BY: DR SAMPLE I.D.: MW-40
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-03-08 START (2400hr) 1340 END (2400hr) _____
 DATE SAMPLED 11-03-08 SAMPLE TIME (2400hr) 1400 LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 19.00
 DEPTH TO WATER (feet) = 12.50
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 3.0 - 2.8 dm

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) ^{5m}	pH (units)	COLOR (visual)
11/3/08	1345	800	16.2	0.713	6.44	clr
11/3/08	1348	500	16.3	0.711	6.47	clr
11/3/08	1351	500	16.3	0.711	6.47	clr
11/3/08	1354	500	16.5	0.712	6.47	clr
11/3/08	1357	500	16.7	0.716	6.48	clr

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 16.00 SAMPLE DTW: 13.30

ANTICIPATED PURGE INTAKE DEPTH: 16.00 ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: Sampling Equipment	SAMPLING EQUIPMENT: Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI
--	--

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO _____

WELL PAD CONDITION: Good WELL CASING CONDITION: _____
 WELL VAULT CONDITION: Good SEAL PRESENT?: Y BOLTS PRESENT?: 2/2
 WELL INTEGRITY: _____ WELL TAG: N LOCK#: N

REMARKS: Water in vault; some mud

SIGNATURE: [Signature] Page 1 of _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: DK WELL I.D.: MW-41
 CLIENT NAME: Kipp Eckert SAMPLED BY: DK SAMPLE I.D.: MW-41
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-04-08 START (2400hr) 0920 END (2400hr) _____
 DATE SAMPLED 11-04-08 SAMPLE TIME (2400hr) 0940 LOW-FLOW USED X
 SAMPLE TYPE: Groundwater x Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" X 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 19.80
 DEPTH TO WATER (feet) = 15.80
 WATER COLUMN HEIGHT (feet) = 4.00 ACTUAL PURGE (L) = 3.3 sm

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm ² /m)	pH (units)	COLOR (visual)
11/4/08	0925	800	14.8	0.729	6.53	clr.
11/4/08	0928	500	14.9	0.738	6.69	clr.
11/4/08	0931	500	15.1	0.744	6.82	clr.
11/4/08	0934	500	15.2	0.780	6.85	clr.
11/4/08	0937	500	15.2	0.781	6.82	clr.
11/4/08	0940	500	14.7	0.773	6.82	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 17.00 SAMPLE DTW: 18.70

ANTICIPATED PURGE INTAKE DEPTH: 17.00 ANALYSES: TPH-g, TPH-d, TPH-o, _____
 Total Lead, Dissolved lead _____
 Kerosene, BTEX, Naphthalene _____
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: Sampling Equipment _____	SAMPLING EQUIPMENT: Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI
--	--

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO _____

WELL PAD CONDITION: NONE WELL CASING CONDITION: FAIR
 WELL VAULT CONDITION: POOR SEAL PRESENT?: N BOLTS PRESENT?: 3/3
 WELL INTEGRITY: FAIR WELL TAG: N LOCK#: Y

REMARKS: SEDIMENT IN VAULT

SIGNATURE: [Signature] Page 1 of _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: DR WELL I.D.: MW-44
 CLIENT NAME: Kipp Eckert SAMPLED BY: DR SAMPLE I.D.: MW-44
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-01-08 START (2400hr) 1140 END (2400hr) _____
 DATE SAMPLED 11-04-08 SAMPLE TIME (2400hr) 1155 LOW-FLOW USED X
 SAMPLE TYPE: Groundwater x Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" X 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 45.00
 DEPTH TO WATER (feet) = 9.25
 WATER COLUMN HEIGHT (feet) = 35.75 ACTUAL PURGE (L) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) <i>pm</i>	pH (units)	COLOR (visual)
<u>11/4/08</u>	<u>1145</u>	<u>800</u>	<u>16.7</u>	<u>0.292</u>	<u>7.33</u>	<u>clr</u>
<u>11/4/08</u>	<u>1148</u>	<u>500</u>	<u>16.7</u>	<u>0.364</u>	<u>7.40</u>	<u>clr</u>
<u>11/4/08</u>	<u>1151</u>	<u>500</u>	<u>16.5</u>	<u>0.305</u>	<u>7.42</u>	<u>clr</u>
<u>11/ /08</u>	<u>1154</u>	<u>500</u>	<u>16.3</u>	<u>0.372</u>	<u>7.42</u>	<u>clr</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 13.00 SAMPLE DTW: 11.00

ANTICIPATED PURGE INTAKE DEPTH: 13.00 ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead, Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: _____ SAMPLING EQUIPMENT: _____
 Sampling Equipment: _____ Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO _____

WELL PAD CONDITION: NONE WELL CASING CONDITION: Good
 WELL VAULT CONDITION: Good SEAL PRESENT?: YES BOLTS PRESENT?: 80/3
 WELL INTEGRITY: Good WELL TAG: N LOCK#: Y

REMARKS: _____

SIGNATURE: [Signature] Page 1 of _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: _____ WELL I.D.: MW-45
 CLIENT NAME: Kipp Eckert SAMPLED BY: _____ SAMPLE I.D.: MW-45
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-03-08 START (2400hr) _____ END (2400hr) _____
 DATE SAMPLED _____ SAMPLE TIME (2400hr) _____ LOW-FLOW USED _____
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" _____ 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = _____
 DEPTH TO WATER (feet) = _____
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/3/08</u>	_____	_____	_____	_____	_____	_____
<u>11/3/08</u>	_____	_____	_____	_____	_____	_____
<u>11/3/08</u>	_____	_____	_____	_____	_____	_____
<u>11/3/08</u>	_____	_____	_____	_____	_____	_____
<u>11/3/08</u>	_____	_____	_____	_____	_____	_____
<u>WELL UNDER WATER</u>						
Calculated Variance of Final Three Samples: _____						
Acceptable Variance Limits:			≤10%	≤3%	≤0.1	

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: _____

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o, _____
 Total Lead, Dissolved lead _____
 Kerosene, BTEX, Naphthalene _____
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

Sampling Equipment

SAMPLING EQUIPMENT:

Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES _____ NO _____

WELL PAD CONDITION: _____ WELL CASING CONDITION: _____
 WELL VAULT CONDITION: _____ SEAL PRESENT?: _____ BOLTS PRESENT?: _____
 WELL INTEGRITY: _____ WELL TAG: _____ LOCK#: _____

REMARKS: _____

SIGNATURE: *Christina Hanson*

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: MT WELL I.D.: MW-49
 CLIENT NAME: Kipp Eckert SAMPLED BY: MT SAMPLE I.D.: MW-49
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/4/08 START (2400hr) N/A END (2400hr) _____
 DATE SAMPLED 11/4 SAMPLE TIME (2400hr) N/A LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" + 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 17.05
 DEPTH TO WATER (feet) = 3.13
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

NO SAMPLE WELL UNDER WATER

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: _____

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment SAME

Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES _____ NO _____

WELL PAD CONDITION: Fair WELL CASING CONDITION: Run
 WELL VAULT CONDITION: Run SEAL PRESENT?: N BOLTS PRESENT?: N
 WELL INTEGRITY: POOR WELL TAG: Y LOCK#: N

REMARKS: NO SAMPLE; WELL UNDER WATER.

SIGNATURE: _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: Deitrie Hanson WELL I.D.: MW-50
 CLIENT NAME: Kipp Eckert SAMPLED BY: Deitrie Hanson SAMPLE I.D.: MW-50
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/3/2008 START (2400hr) 1238 END (2400hr) 1330
 DATE SAMPLED 11/3/2008 SAMPLE TIME (2400hr) 1257 LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water Treatment Effluent Other

CASING DIAMETER: 2" 3" 4" 5" 6" 8" Other
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 17.70
 DEPTH TO WATER (feet) = 10.79
 WATER COLUMN HEIGHT (feet) = 6.91 ACTUAL PURGE (L) = 1,700L

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
11/3/08	1243	0.200L	19.60	0.00	6.70	Clear
11/3/08	1246	0.250L	19.10	0.00	6.70	Clear
11/3/08	1249	0.250L	19.00	0.00	6.70	Clear
11/3/08	1252	0.250L	18.88	0.00	6.80	Clear
11/3/08	1255	0.250L	18.88	0.00	6.80	Clear
<u>DH 11-3-08</u>						

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 16.70 SAMPLE DTW: 9.89

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: _____ SAMPLING EQUIPMENT: _____
 Sampling Equipment: _____ Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI
 Flow Through Cell Disconnected Prior to Sample Collection?: YES NO

WELL PAD CONDITION: FAIR WELL CASING CONDITION: GOOD
 WELL VAULT CONDITION: GOOD SEAL PRESENT?: yes BOLTS PRESENT?: All 3
 WELL INTEGRITY: FAIR WELL TAG: No well tag LOCK#: yes

REMARKS: Included 0.5L Horiba

SIGNATURE: Deitrie Hanson Page of

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44

PURGED BY: Deitrie Hanson

WELL I.D.: MW-52

CLIENT NAME: Kipp Eckert

SAMPLED BY: Deitrie Hanson

SAMPLE I.D.: MW-52

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/5/2008 START (2400hr) 1032 END (2400hr) 1105
 DATE SAMPLED 11/5/2008 SAMPLE TIME (2400hr) 1045 LOW-FLOW USED X
 SAMPLE TYPE: Groundwater Surface Water Treatment Effluent Other

CASING DIAMETER: 2" 3" 4" 5" 6" 8" Other
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 17.60 1
 DEPTH TO WATER (feet) = 10.00
 WATER COLUMN HEIGHT (feet) = 7.60 ACTUAL PURGE (L) = 1150 L

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY ($\mu\text{mhos}/\text{cm}^2/\text{m}$)	pH (units)	COLOR (visual)
<u>11/5/08</u>	<u>1037</u>	<u>0.250L</u>	<u>17.10</u>	<u>0.210</u>	<u>6.70</u>	<u>Gray opaque</u>
<u>11/5/08</u>	<u>1040</u>	<u>0.200L</u>	<u>17.10</u>	<u>0.207</u>	<u>6.70</u>	<u>Gray opaque</u>
<u>11/5/08</u>	<u>1043</u>	<u>0.200L</u>	<u>17.08</u>	<u>0.203</u>	<u>6.70</u>	<u>Gray opaque</u>
<u>11/5/08</u>						
<u>11/5/08</u>						

DH 11-5-08

Calculated Variance of Final Three Samples:
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 16.60 SAMPLE DTW: 10.03

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o.
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment

Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO _____

WELL PAD CONDITION: GOOD WELL CASING CONDITION: GOOD
 WELL VAULT CONDITION: GOOD SEAL PRESENT?: No BOLTS PRESENT?: 2-15/16" yes
 WELL INTEGRITY: GOOD WELL TAG: None LOCK#: Gold lock

REMARKS: 1 added 0.50L for water inside HORIBA's chamber.

SIGNATURE: Deitrie Hanson

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: Deitrie Hanson WELL I.D.: MW-53
 CLIENT NAME: Kipp Eckert SAMPLED BY: Deitrie Hanson SAMPLE I.D.: MW-53
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/4/2008 START (2400hr) 1314 END (2400hr) 1358
 DATE SAMPLED 11/4/2008 SAMPLE TIME (2400hr) 1329 LOW-FLOW USED
 SAMPLE TYPE: Groundwater x Surface Water Treatment Effluent Other

CASING DIAMETER: 2" x 3" 4" 5" 6" 8" Other
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 20.34
 DEPTH TO WATER (feet) = 11.34
 WATER COLUMN HEIGHT (feet) = 9.00 ACTUAL PURGE (L) = 1,800 L¹

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) <i>Sm</i>	pH (units)	COLOR (visual)
<u>11/4/08</u>	<u>1319</u>	<u>0.350L</u>	<u>17.50</u>	<u>55.40</u>	<u>6.5</u>	<u>Gray opaque</u>
<u>11/4/08</u>	<u>1322</u>	<u>0.300L</u>	<u>16.90</u>	<u>54.60</u>	<u>6.5</u>	<u>Gray opaque</u>
<u>11/4/08</u>	<u>1325</u>	<u>0.350L</u>	<u>16.50</u>	<u>52.80</u>	<u>6.5</u>	<u>Gray opaque</u>
<u>11/4/08</u>	<u>1328</u>	<u>0.900L</u>	<u>16.60</u>	<u>52.20</u>	<u>6.5</u>	<u>Gray opaque</u>

DH 11-4-08

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 19.34 SAMPLE DTW: 11.44

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: Sampling Equipment	SAMPLING EQUIPMENT: Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI
--	--

Flow Through Cell Disconnected Prior to Sample Collection?: YES x NO

WELL PAD CONDITION: GOOD WELL CASING CONDITION: GOOD
 WELL VAULT CONDITION: GOOD SEAL PRESENT?: None BOLTS PRESENT?: 3 bolts
 WELL INTEGRITY: GOOD WELL TAG: None LOCK#: Gold lock

REMARKS: ' added 0.500 L fowwater inside HORIBA vessel

SIGNATURE: Deitrie Hanson Page of

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

 PROJECT #: 01CP.01396.44

 PURGED BY: Deitrie Hanson

 WELL I.D.: MW-54

 CLIENT NAME: Kipp Eckert

 SAMPLED BY: Deitrie Hanson

 SAMPLE I.D.: MW-54

 LOCATION: 600 Westlake Avenue N Seattle, WA

 DATE PURGED: 11/3/2008

 START (2400hr): 1358

 END (2400hr): 1420

 DATE SAMPLED: 11/3/2008

 SAMPLE TIME (2400hr): 1411

 LOW-FLOW USED:

 SAMPLE TYPE: Groundwater

 Surface Water

 Treatment Effluent

 Other

CASING DIAMETER:	2" <u> </u>	3" <u> </u>	4" <u>X</u>	5" <u> </u>	6" <u> </u>	8" <u> </u>	Other <u> </u>
Casing Volume: (liters per foot)	(0.64)	(1.44)	(2.45)	(3.86)	(5.68)	(9.84)	()

 DEPTH TO BOTTOM (feet) = 17.70

 DEPTH TO WATER (feet) = 8.72

 WATER COLUMN HEIGHT (feet) = 8.98

 ACTUAL PURGE (L) = 1.850L

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/3/08</u>	<u>1403</u>	<u>0.450L</u>	<u>18.10°C</u>	<u>0.00</u>	<u>7.0</u>	<u>Clear</u>
<u>11/3/08</u>	<u>1406</u>	<u>0.450L</u>	<u>18.10°C</u>	<u>0.00</u>	<u>7.0</u>	<u>Clear</u>
<u>11/3/08</u>	<u>1409</u>	<u>0.450L</u>	<u>18.00°C</u>	<u>0.00</u>	<u>7.0</u>	<u> </u>
<u>11/7/08</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>11/9/08</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

DH 11-3-08

Calculated Variance of Final Three Samples:

Acceptable Variance Limits:

≤10%

≤3%

≤0.1

 DEPTH TO PURGE INTAKE DURING PURGE: 16.70

 SAMPLE DTW: 8.69

 ANTICIPATED PURGE INTAKE DEPTH: ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene

 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

Sampling Equipment

SAMPLING EQUIPMENT:

 Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?:

 YES X

 NO

 WELL PAD CONDITION: GOOD

 WELL CASING CONDITION: GOOD

 WELL VAULT CONDITION: GOOD

 SEAL PRESENT?: Yes

 BOLTS PRESENT?: Yes-3

 WELL INTEGRITY: GOOD

 WELL TAG: No tag

 LOCK#: Gold lock

 REMARKS: Skinny tubing shoved 6 feet down 4" mouth well. Tried string + bolt- not work. Used tall boiler and, lifted bent part of tubing out. Able to put on new silicon tubing and able to purge water. I added 0.50L Horiba.

 SIGNATURE: Deitrie Hanson

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44
 CLIENT NAME: Kipp Eckert
 LOCATION: 600 Westlake Avenue N Seattle, WA

PURGED BY: D. Reitz
 SAMPLED BY: D. Reitz

WELL I.D.: MW-55
 SAMPLE I.D.: MW-55

DATE PURGED 11/2/08 START (2400hr) 1015 END (2400hr) 1050
 DATE SAMPLED 11/2/08 SAMPLE TIME (2400hr) 1030 LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 19.65
 DEPTH TO WATER (feet) = 11.75
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (mL)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm/cm)	pH (units)	COLOR (visual)
<u>11/2/08</u>	<u>1020</u>	<u>800</u>	<u>17.2</u>	<u>0.121</u>	<u>6.77</u>	<u>Clr</u>
<u>11/2/08</u>	<u>1023</u>	<u>500</u>	<u>17.0</u>	<u>0.126</u>	<u>6.82</u>	<u>Clr</u>
<u>11/2/08</u>	<u>1026</u>	<u>500</u>	<u>17.2</u>	<u>0.120</u>	<u>6.83</u>	<u>Clr</u>
<u>11/2/08</u>	<u>1029</u>	<u>500</u>	<u>17.6</u>	<u>0.121</u>	<u>6.84</u>	<u>Clr</u>
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
Calculated Variance of Final Three Samples:			_____	_____	_____	_____
Acceptable Variance Limits:			<u>≤10%</u>	<u>≤3%</u>	<u>≤0.1</u>	_____

DEPTH TO PURGE INTAKE DURING PURGE: 17.00 SAMPLE DTW: 12.90

ANTICIPATED PURGE INTAKE DEPTH: 17.00 ANALYSES: TPH-g, TPH-d, TPH-o. _____
 Total Lead, Dissolved lead _____
 Kerosene, BTEX, Naphthalene _____
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: _____ SAMPLING EQUIPMENT: _____
 Sampling Equipment _____ Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO _____

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair
 WELL VAULT CONDITION: Fair SEAL PRESENT?: YES BOLTS PRESENT?: YES
 WELL INTEGRITY: Fair WELL TAG: YES LOCK#: YES

REMARKS: _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44
 CLIENT NAME: Kipp Eckert
 LOCATION: 600 Westlake Avenue N Seattle, WA

PURGED BY: Deitrie Hanson
 SAMPLED BY: Deitrie Hanson

WELL I.D.: MW-56
 SAMPLE I.D.: MW-56

DATE PURGED 11/3/2008 START (2400hr) 11:45 AM END (2400hr) 1220
 DATE SAMPLED 11/3/2008 SAMPLE TIME (2400hr) 1158 AM LOW-FLOW USED _____
 SAMPLE TYPE: Groundwater x Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" X 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 20.00
 DEPTH TO WATER (feet) = 11.11
 WATER COLUMN HEIGHT (feet) = 8.89

ACTUAL PURGE (L) = 1,350 L

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/3/08</u>	<u>1150</u>	<u>0.350L</u>	<u>20.10</u>	<u>0.0</u>	<u>7.4</u>	<u>Clear</u>
<u>11/3/08</u>	<u>1153</u>	<u>0.250L</u>	<u>19.90</u>	<u>0.0</u>	<u>7.3</u>	<u>Clear</u>
<u>11/3/08</u>	<u>1156</u>	<u>0.250L</u>	<u>19.90</u>	<u>0.0</u>	<u>7.3</u>	<u>Clear</u>
<u>11/3/08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 19.00 SAMPLE DTW: 11.22

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: _____ SAMPLING EQUIPMENT: _____
 Sampling Equipment: _____ Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO _____

WELL PAD CONDITION: GOOD WELL CASING CONDITION: GOOD
 WELL VAULT CONDITION: GOOD SEAL PRESENT?: Yes BOLTS PRESENT?: 1 missing
 WELL INTEGRITY: GOOD WELL TAG: Notag LOCK#: Yes

REMARKS: 'added 0.50L Horiba

SIGNATURE: Deitrie Hanson Page ____ of ____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44

PURGED BY: Deitrie Hanson

WELL I.D.: MW-57

CLIENT NAME: Kipp Eckert

SAMPLED BY: Deitrie Hanson

SAMPLE I.D.: MW-57

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED: 11/5/2008

START (2400hr): 1114

END (2400hr): 1210

DATE SAMPLED: 11/5/2008

SAMPLE TIME (2400hr): 1127

LOW-FLOW USED: X

SAMPLE TYPE: Groundwater [X] Surface Water Treatment Effluent Other

CASING DIAMETER: 2" (0.64) 3" (1.44) 4" [X] (2.45) 5" (3.86) 6" (5.68) 8" (9.84) Other

DEPTH TO BOTTOM (feet) = 18.60

DEPTH TO WATER (feet) = 10.49

1

WATER COLUMN HEIGHT (feet) = 8.11

ACTUAL PURGE (L) = 1,200 L

FIELD MEASUREMENTS

Table with 7 columns: DATE, TIME (2400hr), VOLUME (L), TEMP. (degrees C), CONDUCTIVITY (umhes/cm), pH (units), COLOR (visual). Includes handwritten data for three samples and variance limits.

Calculated Variance of Final Three Samples: Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 17.60 SAMPLE DTW: 10.55

ANTICIPATED PURGE INTAKE DEPTH: ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead, Kerosene, BTEX, Naphthalene. SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL, 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: Sampling Equipment

SAMPLING EQUIPMENT: Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES [X] NO

WELL PAD CONDITION: GOOD WELL CASING CONDITION: GOOD WELL VAULT CONDITION: GOOD SEAL PRESENT?: Yes BOLTS PRESENT?: Stripped 1 bolt WELL INTEGRITY: GOOD WELL TAG: None seen LOCK#: 2 present

REMARKS: Well located with blue & white hand-cap so ware painted on top of it. I added 0.50L for water extracted left in HORBTA chamber.

SIGNATURE: Deitrie Hanson

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: Deitrie Hanson WELL I.D.: MW-58
 CLIENT NAME: Kipp Eckert SAMPLED BY: Deitrie Hanson SAMPLE I.D.: MW-58
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/4/2008 START (2400hr) 1410 END (2400hr) _____
 DATE SAMPLED 11/4/2008 SAMPLE TIME (2400hr) 1426 LOW-FLOW USED _____
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 20.50
 DEPTH TO WATER (feet) = 12.12
 WATER COLUMN HEIGHT (feet) = 8.38 ACTUAL PURGE (L) = 1.350L¹

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) ^{5/m}	pH (units)	COLOR (visual)
<u>11/4/08</u>	<u>1415</u>	<u>0.200L</u>	<u>17.10</u>	<u>0.230</u>	<u>6.90</u>	<u>Dirty brown</u>
<u>11/4/08</u>	<u>1418</u>	<u>0.250L</u>	<u>16.90</u>	<u>0.238</u>	<u>6.90</u>	<u>Dirty brown</u>
<u>11/4/08</u>	<u>1421</u>	<u>0.200L</u>	<u>17.10</u>	<u>0.237</u>	<u>6.90</u>	<u>Dirty brown</u>
<u>11/4/08</u>	<u>1424</u>	<u>0.200L</u>	<u>17.20</u>	<u>0.237</u>	<u>6.90</u>	<u>Dirty brown</u>

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 19.50 SAMPLE DTW: 12.52

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Sampling Equipment	Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO _____

WELL PAD CONDITION: GOOD WELL CASING CONDITION: GOOD
 WELL VAULT CONDITION: GOOD SEAL PRESENT?: Yes BOLTS PRESENT?: 3 bolts
 WELL INTEGRITY: GOOD WELL TAG: AKL 214 LOCK#: Gold lock

REMARKS: 1 added, 0.500L for water in HORIBA.

SIGNATURE: Deitrie Hanson Page ___ of ___

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: Detricie Hanson WELL I.D.: MW-59
CLIENT NAME: Kipp Eckert SAMPLED BY: Detricie Hanson SAMPLE I.D.: MW-59
LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/5/08 START (2400hr) 0856 END (2400hr) 0935
DATE SAMPLED 11/5/08 SAMPLE TIME (2400hr) 0909 LOW-FLOW USED X
SAMPLE TYPE: Groundwater x Surface Water Treatment Effluent Other

CASING DIAMETER: 2" x 3" 4" 5" 6" 8" Other
Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 20.00
DEPTH TO WATER (feet) = 11.90
WATER COLUMN HEIGHT (feet) = 8.10 ACTUAL PURGE (L) = 1.350L

FIELD MEASUREMENTS

Table with 7 columns: DATE, TIME (2400hr), VOLUME (L), TEMP. (degrees C), CONDUCTIVITY (umhos/cm)/m, pH (units), COLOR (visual). Contains handwritten data for three samples on 11/5/08 and a diagonal line through the rest of the table.

Calculated Variance of Final Three Samples:
Acceptable Variance Limits: <=10% <=3% <=0.1

DEPTH TO PURGE INTAKE DURING PURGE: 19.00 SAMPLE DTW: 12.50

ANTICIPATED PURGE INTAKE DEPTH: ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead, Kerosene, BTEX, Naphthalene
SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: SAMPLING EQUIPMENT:
Sampling Equipment Horiba, Water Quality Monitor, Peristaltic Pump, Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO

WELL PAD CONDITION: GOOD WELL CASING CONDITION: GOOD
WELL VAULT CONDITION: GOOD SEAL PRESENT?: Yes BOLTS PRESENT?: 3 bolts
WELL INTEGRITY: GOOD WELL TAG: Yes, Corroded LOCK#: Yes - good work

REMARKS: 1 added the 0.50 L of water in HORIBA chamber.

SIGNATURE: Detricie Hanson Page of

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44

PURGED BY: Deitrie Hanson

WELL I.D.: MW-60

CLIENT NAME: Kipp Eckert

SAMPLED BY: Deitrie Hanson

SAMPLE I.D.: MW-60

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED: 11/5/2008

START (2400hr): 1253

END (2400hr): 1330

DATE SAMPLED: 11/5/2008

SAMPLE TIME (2400hr): 1306

LOW-FLOW USED:

SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 20.00

DEPTH TO WATER (feet) = 11.54

WATER COLUMN HEIGHT (feet) = 8.46

ACTUAL PURGE (L) = 1,250 L

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY ($\mu\text{mhos/cm}$)	pH (units)	COLOR (visual)
<u>11/5/08</u>	<u>1258</u>	<u>0.250 L</u>	<u>16.0</u>	<u>0.212</u>	<u>6.70</u>	<u>Clear</u>
<u>11/5/08</u>	<u>1301</u>	<u>0.250 L</u>	<u>16.1</u>	<u>0.211</u>	<u>6.70</u>	<u>Clear</u>
<u>11/5/08</u>	<u>1304</u>	<u>0.250 L</u>	<u>16.2</u>	<u>0.211</u>	<u>6.70</u>	<u>Clear</u>
<u>11/5/08</u>	_____	_____	_____	_____	_____	_____
<u>11/5/08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

DH 11-5-08

Calculated Variance of Final Three Samples:

Acceptable Variance Limits:

≤10%

≤3%

≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 19.00

SAMPLE DTW: 11.84

ANTICIPATED PURGE INTAKE DEPTH: _____

ANALYSES: TPH-g, TPH-d, TPH-o.

Total Lead, Dissolved lead

Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment

Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?:

YES NO _____

NO _____

WELL PAD CONDITION: FAIR

WELL CASING CONDITION: GOOD

WELL VAULT CONDITION: FAIR

SEAL PRESENT?: Yes

BOLTS PRESENT?: None

WELL INTEGRITY: FAIR

WELL TAG: Yes-AKL 215 LOCK#: Gold yes

REMARKS: Well cover and its 3 bolts are gone. I added 0.500L to total liters. Still has its gasket and well tag.

SIGNATURE: Deitrie Hanson

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: DR WELL I.D.: MW-71
 CLIENT NAME: Kipp Eckert SAMPLED BY: DR SAMPLE I.D.: MW-71
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-03-2008 START (2400hr) 1130 END (2400hr) 1205
 DATE SAMPLED 11-03-2008 SAMPLE TIME (2400hr) 1145 LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water Treatment Effluent Other

CASING DIAMETER: 2" 3" 4" 5" 6" 8" Other
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 19.95
 DEPTH TO WATER (feet) = 11.90
 WATER COLUMN HEIGHT (feet) = 8.05 ACTUAL PURGE (L) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) ^{5/m}	pH (units)	COLOR (visual)
11/3/08	1135	800	15.6	0.562	6.59	Clr
11/3/08	1138	500	15.6	0.570	6.63	Clr
11/3/08	1141	500	15.7	0.573	6.64	Clr
11/3/08	1144	500	15.7	0.577	6.64	Clr
11/ /08						

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 17.00 SAMPLE DTW: 11.90

ANTICIPATED PURGE INTAKE DEPTH: 17.00 ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Sampling Equipment	Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO

WELL PAD CONDITION: GOOD WELL CASING CONDITION: _____
 WELL VAULT CONDITION: FAIR SEAL PRESENT?: N BOLTS PRESENT?: 2/3
 WELL INTEGRITY: GOOD WELL TAG: N LOCK#: BY

REMARKS: SEDIMENT BUILD UP IN VAULT

SIGNATURE: Page 1 of 1

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: DR WELL I.D.: MW-72
 CLIENT NAME: Kipp Eckert SAMPLED BY: DR SAMPLE I.D.: MW-72
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-03-2008 START (2400hr) 1225 END (2400hr) _____
 DATE SAMPLED 11-03-2008 SAMPLE TIME (2400hr) 1240 LOW-FLOW USED X
 SAMPLE TYPE: Groundwater x Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" X 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 19.80
 DEPTH TO WATER (feet) = 11.80
 WATER COLUMN HEIGHT (feet) = 8.00 ACTUAL PURGE (L) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) / m	pH (units)	COLOR (visual)
11/3/08	1230	800	15.7	0.629	6.45	Clr
11/3/08	1233	500	15.8	0.640	6.58	Clr
11/3/08	1236	500	15.8	0.639	6.62	Clr
11/3/08	1239	500	15.8	0.645	6.65	Clr
11/ /08						

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 17.00 SAMPLE DTW: 12.5

ANTICIPATED PURGE INTAKE DEPTH: 17.00 ANALYSES: TPH-g, TPH-d, TPH-o, _____
 Total Lead, Dissolved lead _____
 Kerosene, BTEX, Naphthalene _____
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Sampling Equipment	Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO _____

WELL PAD CONDITION: GOOD WELL CASING CONDITION: _____
 WELL VAULT CONDITION: FAIR SEAL PRESENT?: NO BOLTS PRESENT?: 1/3
 WELL INTEGRITY: GOOD WELL TAG: N LOCK#: Y

REMARKS: FLANGE BROKE, SEDIMENT BUILD UP IN VAULT

SIGNATURE: [Signature] Page 1 of _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: DK WELL I.D.: MW-73
 CLIENT NAME: Kipp Eckert SAMPLED BY: DK SAMPLE I.D.: MW-73
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-03-08 START (2400hr) 1300 END (2400hr) 1340
 DATE SAMPLED 11-03-08 SAMPLE TIME (2400hr) 1320 LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water Treatment Effluent Other

CASING DIAMETER: 2" 3" 4" 5" 6" 8" Other
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 19.90

DEPTH TO WATER (feet) = 11.80

WATER COLUMN HEIGHT (feet) = 8.10

ACTUAL PURGE (L) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) <i>SM</i>	pH (units)	COLOR (visual)
<u>11/3/08</u>	<u>1310</u>	<u>800</u>	<u>16.6</u>	<u>0.685</u>	<u>6.51</u>	<u>Clr</u>
<u>11/3/08</u>	<u>1313</u>	<u>500</u>	<u>16.3</u>	<u>0.684</u>	<u>6.68</u>	<u>Clr</u>
<u>11/3/08</u>	<u>1316</u>	<u>500</u>	<u>16.2</u>	<u>0.684</u>	<u>6.69</u>	<u>Clr</u>
<u>11/3/08</u>	<u>1319</u>	<u>500</u>	<u>16.4</u>	<u>0.684</u>	<u>6.69</u>	<u>Clr</u>
<u>11/ /08</u>						

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 16.00 SAMPLE DTW: 12.8

ANTICIPATED PURGE INTAKE DEPTH: 16.00 ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead

Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment

Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO

WELL PAD CONDITION: GOOD

WELL CASING CONDITION: _____

WELL VAULT CONDITION: FAIR

SEAL PRESENT?: N

BOLTS PRESENT?: 3/3

WELL INTEGRITY: FAIR

WELL TAG: N

LOCK#: Y

REMARKS: FLANGE BROKE, SEDIMENT IN VAULT

SIGNATURE: 

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: MT WELL I.D.: MW-80
 CLIENT NAME: Kipp Eckert SAMPLED BY: MT SAMPLE I.D.: MW80
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/4/08 START (2400hr) 11:10 END (2400hr) 11:40
 DATE SAMPLED 11/4/08 SAMPLE TIME (2400hr) 11:30 LOW-FLOW USED X
 SAMPLE TYPE: Groundwater X Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" X 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 20.3
 DEPTH TO WATER (feet) = 8.51
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 1.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/4/08</u>	<u>11:15</u>	<u>.50</u>	<u>14.83</u>	<u>41.1</u>	<u>7.86</u>	<u>GREY</u>
<u>11/4/08</u>	<u>11:18</u>	<u>.250</u>	<u>14.92</u>	<u>41.3</u>	<u>7.88</u>	<u>GREY</u>
<u>11/4/08</u>	<u>11:21</u>	<u>.250</u>	<u>15.10</u>	<u>41.5</u>	<u>7.93</u>	<u>GREY</u>
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: 9.23

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Sampling Equipment <u>SAME</u>	Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES _____ NO _____

WELL PAD CONDITION: Good WELL CASING CONDITION: Good
 WELL VAULT CONDITION: Good SEAL PRESENT?: Y BOLTS PRESENT?: Y
 WELL INTEGRITY: Good WELL TAG: Y LOCK#: Y

REMARKS: Water in well box. / Seattle Parks & Recreation (17 men)
Asked questions re what I was doing / card / contact info
They were reminding me that this was their property? 19 (Plm please return)

SIGNATURE: MT Page of

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: MT WELL I.D.: MW-81
 CLIENT NAME: Kipp Eckert SAMPLED BY: MT SAMPLE I.D.: MW-81
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/4/08 START (2400hr) 11:45 END (2400hr) 12:25
 DATE SAMPLED 11/4/08 SAMPLE TIME (2400hr) 12:00 LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water Treatment Effluent Other

CASING DIAMETER: 2" 3" 4" 5" 6" 8" Other
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 20.21
 DEPTH TO WATER (feet) = 8.53
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 1.02

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/4/08</u>	<u>11:50</u>	<u>500ml</u>	<u>15.38</u>	<u>71.0</u>	<u>7.96</u>	<u>C</u>
<u>11/4/08</u>	<u>11:53</u>	<u>250ml</u>	<u>15.43</u>	<u>71.0</u>	<u>8.07</u>	<u>C</u>
<u>11/4/08</u>	<u>11:56</u>	<u>250</u>	<u>15.48</u>	<u>71.3</u>	<u>8.17</u>	<u>C</u>
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: 9.01

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Sampling Equipment: <u>same</u>	Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO

WELL PAD CONDITION: good WELL CASING CONDITION: good
 WELL VAULT CONDITION: good SEAL PRESENT?: Y BOLTS PRESENT?: Y
 WELL INTEGRITY: good WELL TAG: 7 LOCK#: 4

REMARKS: _____

SIGNATURE: [Signature] Page of

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: MJ WELL I.D.: MW-82
 CLIENT NAME: Kipp Eckert SAMPLED BY: MBT SAMPLE I.D.: MW-82
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/4/08 START (2400hr) 9:23 END (2400hr) 9:50
 DATE SAMPLED 11/4/08 SAMPLE TIME (2400hr) 9:35 LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 18.1
 DEPTH TO WATER (feet) = 4.75
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 1.00

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/4/08</u>	<u>9:28</u>	<u>.50</u>	<u>15.19</u>	<u>78.2</u>	<u>7.68</u>	<u>C</u>
<u>11/4/08</u>	<u>9:31</u>	<u>.250</u>	<u>15.21</u>	<u>78.0</u>	<u>7.68</u>	_____
<u>11/4/08</u>	<u>9:35</u>	<u>.250</u>	<u>15.21</u>	<u>79.4</u>	<u>7.73</u>	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: 5.22

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o.
Total Lead. Dissolved lead
Kerosene. BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Sampling Equipment: <u>SAWE</u>	Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO _____

WELL PAD CONDITION: POOR WELL CASING CONDITION: POOR
 WELL VAULT CONDITION: POOR SEAL PRESENT?: BOLTS PRESENT?:
 WELL INTEGRITY: FAIR WELL TAG: + LOCK#: +

REMARKS: _____

SIGNATURE: [Signature] Page ___ of ___

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: DR WELL I.D.: MW-86
 CLIENT NAME: Kipp Eckert SAMPLED BY: DR SAMPLE I.D.: MW-86
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-04-08 START (2400hr) 1220 END (2400hr) 1305
 DATE SAMPLED 11-04-08 SAMPLE TIME (2400hr) 1235 LOW-FLOW USED X
 SAMPLE TYPE: Groundwater x Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" x 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 19.80
 DEPTH TO WATER (feet) = 9.28
 WATER COLUMN HEIGHT (feet) = 10.52 ACTUAL PURGE (L) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) <i>SM</i>	pH (units)	COLOR (visual)
11/4/08	1225	800	16.8	0.138	7.13	Clr.
11/4/08	1228	500	16.9	0.143	7.18	Clr.
11/4/08	1231	500	16.9	0.143	7.19	Clr.
11/4/08	1234	500	16.8	0.144	7.20	Clr.
Calculated Variance of Final Three Samples:						
Acceptable Variance Limits:			≤10%	≤3%	≤0.1	

DEPTH TO PURGE INTAKE DURING PURGE: 17.00 SAMPLE DTW: 9.80

ANTICIPATED PURGE INTAKE DEPTH: 17.00 ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead, Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Sampling Equipment	Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO _____

WELL PAD CONDITION: Good WELL CASING CONDITION: _____
 WELL VAULT CONDITION: Good SEAL PRESENT?: Good BOLTS PRESENT?: 4/4
 WELL INTEGRITY: Good WELL TAG: Y APN 427 LOCK#: Y

REMARKS: _____

SIGNATURE: [Signature] Page 1 of _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: DR WELL I.D.: MW-87
 CLIENT NAME: Kipp Eckert SAMPLED BY: DR SAMPLE I.D.: MW-87
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/4/08 START (2400hr) 1310 END (2400hr) _____
 DATE SAMPLED 11/4/08 SAMPLE TIME (2400hr) 1330 LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 19.90
 DEPTH TO WATER (feet) = 8.75
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 3.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) <i>3m</i>	pH (units)	COLOR (visual)
<u>11/4/08</u>	<u>1315</u>	<u>800</u>	<u>15.7</u>	<u>0.092</u>	<u>6.76</u>	<u>Clr.</u>
<u>11/4/08</u>	<u>1318</u>	<u>500</u>	<u>15.8</u>	<u>0.892</u>	<u>6.75</u>	<u>Clr.</u>
<u>11/4/08</u>	<u>1321</u>	<u>500</u>	<u>15.9</u>	<u>0.870</u>	<u>6.74</u>	<u>Clr.</u>
<u>11/4/08</u>	<u>1324</u>	<u>500</u>	<u>16.0</u>	<u>0.874</u>	<u>6.75</u>	<u>Clr.</u>
<u>11/4/08</u>	<u>1327</u>	<u>500</u>	<u>16.1</u>	<u>0.870</u>	<u>6.75</u>	<u>Clr.</u>
<u>11/4/08</u>	<u>1330</u>	<u>500</u>	<u>16.2</u>	<u>0.871</u>	<u>6.75</u>	<u>Clr.</u>

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 17.00 SAMPLE DTW: 8.75

ANTICIPATED PURGE INTAKE DEPTH: 17.00 ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead

Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment

Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO _____

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair

WELL VAULT CONDITION: Fair SEAL PRESENT?: yes BOLTS PRESENT?: yes

WELL INTEGRITY: Fair WELL TAG: No LOCK#: yes

REMARKS: _____

SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

 PROJECT #: 01CP.01396.44

 PURGED BY: MT

 WELL I.D.: MW-89

 CLIENT NAME: Kipp Eckert

 SAMPLED BY: MT

 SAMPLE I.D.: MW-89

 LOCATION: 600 Westlake Avenue N Seattle, WA

 DATE PURGED 11/4/08

 START (2400hr) 10:05

 END (2400hr) 10:45

 DATE SAMPLED 11/4/08

 SAMPLE TIME (2400hr) 10:20

 LOW-FLOW USED

 SAMPLE TYPE: Groundwater

 Surface Water

 Treatment Effluent

 Other

CASING DIAMETER:	2" <input checked="" type="checkbox"/>	3" <input type="checkbox"/>	4" <input type="checkbox"/>	5" <input type="checkbox"/>	6" <input type="checkbox"/>	8" <input type="checkbox"/>	Other <input type="checkbox"/>
Casing Volume: (liters per foot)	(0.64)	(1.44)	(2.45)	(3.86)	(5.68)	(9.84)	()

 DEPTH TO BOTTOM (feet) = 12.30

 DEPTH TO WATER (feet) = 4.49

WATER COLUMN HEIGHT (feet) = _____

 ACTUAL PURGE (L) = 1.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
11/4/08	10:10	0.500	13.99	46.3	7.73	6024
11/4/08	10:13	0.250	14.14	43.3	7.79	6024
11/4/08	10:16	0.250	14.12	43.0	7.80	6024
11/ /08						
11/ /08						

Calculated Variance of Final Three Samples: _____

Acceptable Variance Limits:

≤10%

≤3%

≤0.1

 DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: 5.62

 ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o.
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene

 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

 Sampling Equipment SAME

SAMPLING EQUIPMENT:

 Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSI

 Flow Through Cell Disconnected Prior to Sample Collection?: YES NO

 WELL PAD CONDITION: FAIR

 WELL CASING CONDITION: POOR

 WELL VAULT CONDITION: FAIR

 SEAL PRESENT?: YES

 BOLTS PRESENT?: YES

 WELL INTEGRITY: FAIR

 WELL TAG: YES

 LOCK#: NIC

REMARKS: _____

 SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: MT WELL I.D.: MW-90
 CLIENT NAME: Kipp Eckert SAMPLED BY: MCT SAMPLE I.D.: MW-90
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/3/08 START (2400hr) 13:30 END (2400hr) 14:00
 DATE SAMPLED ~~11/2/08~~ 11/3/08 SAMPLE TIME (2400hr) 13:45 LOW-FLOW USED X
 SAMPLE TYPE: Groundwater x Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" x 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 18.35
 DEPTH TO WATER (feet) = 4.25
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 1.0 L

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
11/13/08	13:35	500	15.20	75.0 092	8.02	C
11/13/08	13:38	350	15.21	75.9	8.04	C
11/13/08	13:41	350	15.08	75.2	8.06	C
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: 5.01 FT

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead, Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Sampling Equipment <u>SAME</u>	Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES _____ NO _____

WELL PAD CONDITION: GOOD WELL CASING CONDITION: GOOD
 WELL VAULT CONDITION: GOOD SEAL PRESENT?: YES BOLTS PRESENT?: YES
 WELL INTEGRITY: GOOD WELL TAG: YES LOCK#: YES

REMARKS: 1.5 AMBERS CUILT, SAMPLER OUT OF POWER. NEEDS REPAIRS.

SIGNATURE: [Signature] Page ___ of ___

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: MT WELL I.D.: MW-91
CLIENT NAME: Kipp Eckert SAMPLED BY: MT SAMPLE I.D.: MW-91
LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/3/08 START (2400hr) 14:10 END (2400hr)
DATE SAMPLED 11/3/08 SAMPLE TIME (2400hr) 14:20 LOW-FLOW USED X
SAMPLE TYPE: Groundwater X Surface Water Treatment Effluent Other X

CASING DIAMETER: 2" X 3" 4" 5" 6" 8" Other
Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 18.50
DEPTH TO WATER (feet) = 4.39
WATER COLUMN HEIGHT (feet) = 14.11 ACTUAL PURGE (L) =

FIELD MEASUREMENTS

Table with columns: DATE, TIME (2400hr), VOLUME (L), TEMP. (degrees C), CONDUCTIVITY (umhos/cm), pH (units), COLOR (visual). Includes handwritten notes: 'BARRIER USED TO SAMPLE' and 'CHARGER FOR LOW FLOW SAMPLER EQUIPMENT'. Variance limits: <=10%, <=3%, <=0.1.

DEPTH TO PURGE INTAKE DURING PURGE: SAMPLE DTW:

ANTICIPATED PURGE INTAKE DEPTH: ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead, Kerosene, BTEX, Naphthalene
SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: Sampling Equipment
SAMPLING EQUIPMENT: Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO

WELL PAD CONDITION: POOR WELL CASING CONDITION: POOR
WELL VAULT CONDITION: POOR SEAL PRESENT?: YES BOLTS PRESENT?: (2)
WELL INTEGRITY: POOR WELL TAG: YES LOCK#: YES

REMARKS: Low flow sampler pump failure (not holding charge)
Bailed MW-91

SIGNATURE: Page of

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: MT WELL I.D.: MW-92
CLIENT NAME: Kipp Eckert SAMPLED BY: MT SAMPLE I.D.: MW-92
LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/3/08 START (2400hr) 11:10 END (2400hr) 11:50
DATE SAMPLED 11/3/08 SAMPLE TIME (2400hr) 11:30 LOW-FLOW USED X
SAMPLE TYPE: Groundwater x Surface Water Treatment Effluent Other

CASING DIAMETER: 2" x 3" 4" 5" 6" 8" Other
Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 21.10
DEPTH TO WATER (feet) = 10.47
WATER COLUMN HEIGHT (feet) = ACTUAL PURGE (L) = 1.00

FIELD MEASUREMENTS

Table with 7 columns: DATE, TIME (2400hr), VOLUME (L), TEMP. (degrees C), CONDUCTIVITY (umhos/cm), pH (units), COLOR (visual). Includes calculated variance of final three samples: Acceptable Variance Limits: <=10%, <=3%, <=0.1

DEPTH TO PURGE INTAKE DURING PURGE: 10.47 SAMPLE DTW: 10.77

ANTICIPATED PURGE INTAKE DEPTH: ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead, Kerosene, BTEX, Naphthalene
SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment SAME

Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES x NO

WELL PAD CONDITION: GOOD WELL CASING CONDITION: GOOD
WELL VAULT CONDITION: GOOD SEAL PRESENT?: YES BOLTS PRESENT?:
WELL INTEGRITY: GOOD WELL TAG: YES LOCK#: YES

REMARKS:

SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: MT WELL I.D.: MW-93
CLIENT NAME: Kipp Eckert SAMPLED BY: MT SAMPLE I.D.: MW-93
LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/3/08 START (2400hr) 12.50 END (2400hr) 13.25
DATE SAMPLED 11/3/08 SAMPLE TIME (2400hr) 13.05 LOW-FLOW USED
SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 18.00
DEPTH TO WATER (feet) = 5.97
WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 1.0 liters

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
11/3/08	12.55	0.500	16.79	143	8.49	c
11/3/08	12.58	0.500	16.80	144	8.55	c
11/3/08	13.01	0.500	16.77	141	8.56	c
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 5.87 SAMPLE DTW: 7.32

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: _____ SAMPLING EQUIPMENT: _____
Sampling Equipment: SAME Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES _____ NO _____

WELL PAD CONDITION: FAIR WELL CASING CONDITION: GOOD
WELL VAULT CONDITION: FAIR SEAL PRESENT?: YES BOLTS PRESENT?: YES
WELL INTEGRITY: FAIR WELL TAG: YES LOCK#: YES

REMARKS: _____

SIGNATURE: [Signature] Page ___ of ___

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: DR WELL I.D.: MW-95
 CLIENT NAME: Kipp Eckert SAMPLED BY: DR SAMPLE I.D.: MW-95
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-04-08 START (2400hr) 1030 END (2400hr) _____
 DATE SAMPLED 11-04-08 SAMPLE TIME (2400hr) 1045 LOW-FLOW USED X
 SAMPLE TYPE: Groundwater X Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" X 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 17.90
 DEPTH TO WATER (feet) = 13.75
 WATER COLUMN HEIGHT (feet) = 4.15 ACTUAL PURGE (L) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm @ 25C)	pH (units)	COLOR (visual)
11/4/08	1035	500	16.8	0.535	7.00	Clr
11/4/08	1038	500	17.0	0.547	7.02	Clr
11/4/08	1041	500	17.2	0.553	7.01	Clr
11/4/08	1044	500	17.1	0.556	7.00	Clr
11/ /08						

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: 13.90

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o.
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment

Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO _____

WELL PAD CONDITION: Good WELL CASING CONDITION: FAIR
 WELL VAULT CONDITION: FAIR SEAL PRESENT?: Y BOLTS PRESENT?: 3/3
 WELL INTEGRITY: FAIR WELL TAG: Y LOCK#: Y

REMARKS: SEDIMENT IN VAULT

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: MT WELL I.D.: MW-16
 CLIENT NAME: Kipp Eckert SAMPLED BY: MT SAMPLE I.D.: MW-86
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/3/08 START (2400hr) / END (2400hr) /
 DATE SAMPLED 11/3/08 SAMPLE TIME (2400hr) / LOW-FLOW USED X
 SAMPLE TYPE: Groundwater x Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" _____ 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 0
 DEPTH TO WATER (feet) = NA
 WATER COLUMN HEIGHT (feet) = NA ACTUAL PURGE (L) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
<i>NO SAMPLE / PURGE WELL COMPROMISED</i>						

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: NA SAMPLE DTW: _____

ANTICIPATED PURGE INTAKE DEPTH: NA ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead, Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

Sampling Equipment NA

SAMPLING EQUIPMENT:

Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES NA NO _____

WELL PAD CONDITION: NA WELL CASING CONDITION: _____
 WELL VAULT CONDITION: NA SEAL PRESENT?: NA BOLTS PRESENT?: NA
 WELL INTEGRITY: NA WELL TAG: NA LOCK#: W

REMARKS: WELL ACCESS COMPROMISED / WELL DAMAGED UNDER CONSTRUCTION Materials

SIGNATURE: [Signature] Page ___ of ___

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

 PROJECT #: 01CP.01396.44

 PURGED BY: MT

 WELL I.D.: MW-9H

 CLIENT NAME: Kipp Eckert

 SAMPLED BY: MT

 SAMPLE I.D.: MW-9H

 LOCATION: 600 Westlake Avenue N Seattle, WA

 DATE PURGED 11/4/08

 START (2400hr) N/A

 END (2400hr) 10/

 DATE SAMPLED N/A

 SAMPLE TIME (2400hr) N/A

 LOW-FLOW USED X

 SAMPLE TYPE: Groundwater

 Surface Water

 Treatment Effluent

 Other

 CASING DIAMETER: 2" (0.64) 3" (1.44) 4" (2.45) 5" (3.86) 6" (5.68) 8" (9.84) Other ()

 DEPTH TO BOTTOM (feet) = 20.25

 DEPTH TO WATER (feet) = 3.23

WATER COLUMN HEIGHT (feet) = _____

ACTUAL PURGE (L) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/4/08</u>	_____	_____	_____	_____	_____	_____
<u>11/4/08</u>	_____	_____	_____	_____	_____	_____
<u>11/6/08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

SAMPLE WELL UNDER WATER

Calculated Variance of Final Three Samples:

Acceptable Variance Limits:

≤10%
≤3%
≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____

 SAMPLE DTW: N/A

ANTICIPATED PURGE INTAKE DEPTH: _____

 ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene

 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

Sampling Equipment

SAMPLING EQUIPMENT:

 Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?:

 YES

 NO

 WELL PAD CONDITION: fair

 WELL CASING CONDITION: poor

 WELL VAULT CONDITION: poor

 SEAL PRESENT?:

 BOLTS PRESENT?:

 WELL INTEGRITY: poor

 WELL TAG: N

 LOCK#: N

 REMARKS: Well GAUGED ON 11/3/08; UNABLE TO SAMPLE ON 11/4
TRY AGAIN ON 11/5

 SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: INT WELL I.D.: MW-102
 CLIENT NAME: Kipp Eckert SAMPLED BY: INT SAMPLE I.D.: MW-102
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/4/08 START (2400hr) 8:42 END (2400hr) 9:15
 DATE SAMPLED 11/4/08 SAMPLE TIME (2400hr) 8:55 LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 10.70

DEPTH TO WATER (feet) = 4.38

WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 1.02

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/4/08</u>	<u>8:47</u>	<u>.300</u>	<u>16.90</u>	<u>23.3</u>	<u>7.92</u>	<u>GREY</u>
<u>11/4/08</u>	<u>8:50</u>	<u>.250</u>	<u>10.92</u>	<u>24.3</u>	<u>8.00</u>	<u>6</u>
<u>11/4/08</u>	<u>8:53</u>	<u>.250</u>	<u>17.00</u>	<u>24.4</u>	<u>8.01</u>	<u>6</u>
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: 4.50

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Sampling Equipment <u>SAME</u>	Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES _____ NO _____

WELL PAD CONDITION: FAIR WELL CASING CONDITION: FAIL
 WELL VAULT CONDITION: PWR SEAL PRESENT?: YES BOLTS PRESENT?: YES
 WELL INTEGRITY: FAIR WELL TAG: YES LOCK#: _____

REMARKS: _____

SIGNATURE: [Signature] Page ___ of ___

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: _____ WELL I.D.: MW-200
CLIENT NAME: Kipp Eckert SAMPLED BY: _____ SAMPLE I.D.: _____
LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-02-2008 START (2400hr) _____ END (2400hr) _____
DATE SAMPLED _____ SAMPLE TIME (2400hr) _____ LOW-FLOW USED _____
SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" _____ 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = _____
DEPTH TO WATER (feet) = _____
WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

*WELL UNDER WATER
NORTH SIDE OF MERCER IS FLOODED*

Calculated Variance of Final Three Samples: _____
Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: _____

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o. _____
Total Lead, Dissolved lead _____
Kerosene, BTEX, Naphthalene _____
SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: _____ SAMPLING EQUIPMENT: _____
Sampling Equipment: _____ Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES _____ NO _____

WELL PAD CONDITION: _____ WELL CASING CONDITION: _____
WELL VAULT CONDITION: _____ SEAL PRESENT?: _____ BOLTS PRESENT?: _____
WELL INTEGRITY: _____ WELL TAG: _____ LOCK#: _____

REMARKS: WELL UNDER WATER NORTH SIDE OF MERCER FLOODED

SIGNATURE: _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: _____ WELL I.D.: WWW-2001
 CLIENT NAME: Kipp Eckert SAMPLED BY: _____ SAMPLE I.D.: _____
 LOCATION: 600 Westlake Avenue N Seattle, WA _____

DATE PURGED 11-02-2008 START (2400hr) _____ END (2400hr) _____
 DATE SAMPLED _____ SAMPLE TIME (2400hr) _____ LOW-FLOW USED _____
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" (0.64) 3" (1.44) 4" (2.45) 5" (3.86) 6" (5.68) 8" (9.84) Other ()
 Casing Volume: (liters per foot)

DEPTH TO BOTTOM (feet) = _____
 DEPTH TO WATER (feet) = _____
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
11/ /08	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
Calculated Variance of Final Three Samples:	_____	_____	_____	_____	_____	_____
Acceptable Variance Limits:	_____	_____	≤10%	≤3%	≤0.1	_____

*WELL UNDER WATER
NORTH LANE OF MERCEL
IS FLOODED*

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: _____

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,
 Total Lead, Dissolved lead
 Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: **6 voas, 2 Ambers, -HCL** 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: _____ SAMPLING EQUIPMENT: _____
 Sampling Equipment: Horiba, Water Quality Monitor, Peristaltic Pump, Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES _____ NO _____

WELL PAD CONDITION: _____ WELL CASING CONDITION: _____
 WELL VAULT CONDITION: _____ SEAL PRESENT?: _____ BOLTS PRESENT?: _____
 WELL INTEGRITY: _____ WELL TAG: _____ LOCK#: _____

REMARKS: WELL UNDER WATER, NORTH SIDE OF MERCEL FLOODED

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44

PURGED BY: D. Reitz

WELL I.D.: MW-202

CLIENT NAME: Kipp Eckert

SAMPLED BY: D. Reitz

SAMPLE I.D.: MW-202

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/5/08

START (2400hr) 1215

END (2400hr) 1245

DATE SAMPLED 11/5/08

SAMPLE TIME (2400hr) 1230

LOW-FLOW USED X

SAMPLE TYPE: Groundwater

Surface Water

Treatment Effluent

Other

CASING DIAMETER: 2" 3" 4" 5" 6" 8" Other
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 19.61

DEPTH TO WATER (feet) = 12.52

WATER COLUMN HEIGHT (feet) = 7.09

ACTUAL PURGE (L) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY <small>m S/m</small> (umhos/cm)	pH (units)	COLOR (visual)
11/5/08	1220	500	16.4	55.6	7.04	CR
11/5/08	1223	500	16.4	55.7	7.01	CR
11/5/08	1226	500	16.6	56.1	7.00	CR
11/5/08	1229	500	16.9	56.4	6.99	CR
11/ /08		500				

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 18.00

SAMPLE DTW: 13.80

ANTICIPATED PURGE INTAKE DEPTH: 18.00

ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment

Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO

WELL PAD CONDITION: Good

WELL CASING CONDITION: Good

WELL VAULT CONDITION: Good

SEAL PRESENT?: Y

BOLTS PRESENT?: 3/3

WELL INTEGRITY: Good

WELL TAG: N

LOCK#: Y

REMARKS: _____

SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44

PURGED BY: MT

WELL I.D.: MW-203

CLIENT NAME: Kipp Eckert

SAMPLED BY: MT

SAMPLE I.D.: MW-203

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/9/08

START (2400hr) 13:10

END (2400hr) _____

DATE SAMPLED 11/9/08

SAMPLE TIME (2400hr) 13:20

LOW-FLOW USED _____

SAMPLE TYPE: Groundwater

Surface Water _____

Treatment Effluent _____

Other

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 17.01

DEPTH TO WATER (feet) = 7.05

WATER COLUMN HEIGHT (feet) = 10.04

ACTUAL PURGE (L) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

O BAIRED BY HAND
 PUMP DIED
 \$ is changed

Calculated Variance of Final Three Samples: _____

Acceptable Variance Limits: _____

≤10%

≤3%

≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: _____

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,

Total Lead, Dissolved lead

Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

Sampling Equipment Boilers

SAMPLING EQUIPMENT:

Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSI BAILED

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO _____

WELL PAD CONDITION: GOOD

WELL CASING CONDITION: GOOD

WELL VAULT CONDITION: GOOD

SEAL PRESENT?: Y

BOLTS PRESENT?: Y

WELL INTEGRITY: GOOD

WELL TAG: Y

LOCK#: Y

REMARKS: _____

SIGNATURE: _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: David Reitz WELL I.D.: MW-206
 CLIENT NAME: Kipp Eckert SAMPLED BY: David Reitz SAMPLE I.D.: MW-206
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/3/2008 START (2400hr) 1013 END (2400hr) 1116
 DATE SAMPLED 11/3/2008 SAMPLE TIME (2400hr) 1030 LOW-FLOW USED X
 SAMPLE TYPE: Groundwater X Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" X 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 11.50
 DEPTH TO WATER (feet) = 9.03
 WATER COLUMN HEIGHT (feet) = 2.47 ACTUAL PURGE (L) = 3028

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) ^{S/m}	pH (units)	COLOR (visual)
11/3/08	1018	800	16.4	0.170	6.57	Clr
11/3/08	1021	500	16.6	0.171	6.67	Clr
11/3/08	1024	500	16.7	0.190	6.71	Clr
11/3/08	1027	500	16.4	0.192	6.76	Clr
11/3/08	1030	500	16.3	0.194	6.80	Clr

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 10.00 SAMPLE DTW: 9.03

ANTICIPATED PURGE INTAKE DEPTH: 10.00 ANALYSES: TPH-g, TPH-d, TPH-o.
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: _____ SAMPLING EQUIPMENT: _____
 Sampling Equipment: _____ Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI
 Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO _____

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair
 WELL VAULT CONDITION: Fair SEAL PRESENT?: None BOLTS PRESENT?: 1 of 2
 WELL INTEGRITY: Fair WELL TAG: No well tag LOCK#: None

REMARKS: _____

SIGNATURE: [Signature] Page 1 of 1

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44 PURGED BY: D. Reitz WELL I.D.: MW-207
 CLIENT NAME: Kipp Eckert SAMPLED BY: D. Reitz SAMPLE I.D.: MW-207
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11 / 5 / 08 START (2400hr) 1250 END (2400hr) _____
 DATE SAMPLED 11 / 5 / 08 SAMPLE TIME (2400hr) 1305 LOW-FLOW USED
 SAMPLE TYPE: Groundwater Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) _____

DEPTH TO BOTTOM (feet) = 19.40
 DEPTH TO WATER (feet) = 13.85
 WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME mL	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
11/5/08	1255	800	16.0	59.8	6.69	Clr.
11/5/08	1258	500	15.9	59.5	6.65	Clr.
11/5/08	1301	500	15.8	59.3	6.64	Clr.
11/5/08	1304	500	15.8	59.4	6.64	Clr.
11/ / 08						

Calculated Variance of Final Three Samples: _____
 Acceptable Variance Limits: $\leq 10\%$ $\leq 3\%$ ≤ 0.1

DEPTH TO PURGE INTAKE DURING PURGE: 18.00 SAMPLE DTW: 14.25

ANTICIPATED PURGE INTAKE DEPTH: 18.00 ANALYSES: TPH-g, TPH-d, TPH-o, _____
 Total Lead, Dissolved lead _____
 Kerosene, BTEX, Naphthalene _____
 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT: _____ SAMPLING EQUIPMENT: _____
 Sampling Equipment: _____ Horiba, Water Quality Monitor, Peristaltic Pump, Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO _____

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair
 WELL VAULT CONDITION: Fair SEAL PRESENT?: yes BOLTS PRESENT?: yes
 WELL INTEGRITY: Fair WELL TAG: yes LOCK#: yes

REMARKS: _____

SIGNATURE: [Signature] Page 1 of _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

 PROJECT #: 01CP.01396.44

 PURGED BY: D. Reitz

 WELL I.D.: MW-208

 CLIENT NAME: Kipp Eckert

 SAMPLED BY: D. Reitz

 SAMPLE I.D.: MW-208

 LOCATION: 600 Westlake Avenue N Seattle, WA

 DATE PURGED 11/2/08

 START (2400hr) 0730

END (2400hr) _____

 DATE SAMPLED 11/2/08

 SAMPLE TIME (2400hr) 0745

 LOW-FLOW USED X

 SAMPLE TYPE: Groundwater x

Surface Water _____

Treatment Effluent _____

Other _____

 CASING DIAMETER: 2" x 3" _____ 4" _____ 5" _____ 6" _____ 8" _____ Other _____
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

 DEPTH TO BOTTOM (feet) = 19.05

 DEPTH TO WATER (feet) = 11.80

 WATER COLUMN HEIGHT (feet) = 8.75

 ACTUAL PURGE (L) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm) <i>5/m</i>	pH (units)	COLOR (visual)
11/2/08	<u>0835</u>	<u>800</u>	<u>14.9</u>	<u>0.154</u>	<u>6.40</u>	<u>Clr</u>
11/2/08	<u>0839</u>	<u>500</u>	<u>15.9</u>	<u>0.157</u>	<u>6.28</u>	<u>Clr</u>
11/2/08	<u>0941</u>	<u>500</u>	<u>16.2</u>	<u>0.158</u>	<u>6.28</u>	<u>Clr</u>
11/2/08	<u>0944</u>	<u>500</u>	<u>16.4</u>	<u>0.161</u>	<u>6.34</u>	<u>Clr</u>
11/ /08	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: _____

Acceptable Variance Limits:

≤10%

≤3%

≤0.1

 DEPTH TO PURGE INTAKE DURING PURGE: 17.00 SAMPLE DTW: 11.8

 ANTICIPATED PURGE INTAKE DEPTH: 17.00 ANALYSES: TPH-g, TPH-d, TPH-o.
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene

 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment

 Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

 Flow Through Cell Disconnected Prior to Sample Collection?: YES x NO _____

 WELL PAD CONDITION: Fair

 WELL CASING CONDITION: Fair

 WELL VAULT CONDITION: Fair

 SEAL PRESENT?: yes

 BOLTS PRESENT?: yes

 WELL INTEGRITY: Fair

 WELL TAG: yes

 LOCK#: yes

REMARKS: _____

 SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44

PURGED BY: SM

WELL I.D.: MW-209

CLIENT NAME: Kipp Eckert

SAMPLED BY: SM

SAMPLE I.D.: MW-209

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11-05-08

START (2400hr) 0810

END (2400hr) 0855

DATE SAMPLED 11-05-08

SAMPLE TIME (2400hr) 0835

LOW-FLOW USED

SAMPLE TYPE: Groundwater

Surface Water

Treatment Effluent

Other

CASING DIAMETER: 2" 3" 4" 5" 6" 8" Other
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 19.85

DEPTH TO WATER (feet) = 9.22

WATER COLUMN HEIGHT (feet) = 10.63

ACTUAL PURGE (L) = 350
3.5 3.3 SM

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (μ mhos/cm)	pH (units)	COLOR (visual)
11/5/08	0815	800	14.2	92.4	7.31	CLV
11/5/08	0818	500	14.4	90.2	7.33	CLV
11/5/08	0821	500	14.4	87.7	7.37	CLV
11/5/08	0824	500	14.4	86.6	7.37	CLV
11/5/08	0827	500	14.4	84.9	7.38	CLV
11/5/08	0830	500	14.4	84.2	7.38	CLV

Calculated Variance of Final Three Samples:

Acceptable Variance Limits:

$\leq 10\%$

$\leq 3\%$

≤ 0.1

DEPTH TO PURGE INTAKE DURING PURGE: 18.00

SAMPLE DTW: 9.02

ANTICIPATED PURGE INTAKE DEPTH: 18.00

ANALYSES: TPH-g, TPH-d, TPH-o, Total Lead, Dissolved lead

Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment

Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?:

YES NO

WELL PAD CONDITION: Good

WELL CASING CONDITION: Good

WELL VAULT CONDITION: Good

SEAL PRESENT?: Y BOLTS PRESENT?: 2/2

WELL INTEGRITY: Good

WELL TAG: Y (BB4457) LOCK#: N

REMARKS: _____

SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

 PROJECT #: 01CP.01396.44

 PURGED BY: D. Reitz

 WELL I.D.: MW-210

 CLIENT NAME: Kipp Eckert

 SAMPLED BY: D. Reitz

 SAMPLE I.D.: MW-210

 LOCATION: 600 Westlake Avenue N Seattle, WA

 DATE PURGED 11/5/08

 START (2400hr) 0900

 END (2400hr) 0930

 DATE SAMPLED 11/5/08

 SAMPLE TIME (2400hr) 0915

 LOW-FLOW USED X

 SAMPLE TYPE: Groundwater

 Surface Water

 Treatment Effluent

 Other

CASING DIAMETER:

 2"

 3"

 4"

 5"

 6"

 8"

 Other

Casing Volume: (liters per foot)

(0.64)

(1.44)

(2.45)

(3.86)

(5.68)

(9.84)

()

 DEPTH TO BOTTOM (feet) = 19.50

 DEPTH TO WATER (feet) = 8.60

 WATER COLUMN HEIGHT (feet) = 10.90

 ACTUAL PURGE (L) = ~~220~~ 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
11/5/08	0905	800	13.9	61.05 / m	7.13	Clr
11/5/08	0908	500	13.6	60.5	7.08	Clr
11/5/08	0911	500	13.4	60.1	7.06	Clr
11/ /08	0914	500	13.3	59.9	7.06	Clr

 Calculated Variance of Final Three Samples:
 Acceptable Variance Limits:

 $\leq 10\%$
 $\leq 3\%$
 ≤ 0.1

 DEPTH TO PURGE INTAKE DURING PURGE: 16.00

 SAMPLE DTW: 9.00

 ANTICIPATED PURGE INTAKE DEPTH: 16.00

 ANALYSES: TPH-g, TPH-d, TPH-o,
Total Lead, Dissolved lead
Kerosene, BTEX, Naphthalene

 SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:
SAMPLING EQUIPMENT:

Sampling Equipment

 Horiba, Water Quality Monitor, Peristaltic Pump
 Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?:

 YES X NO

 WELL PAD CONDITION: Good

 WELL CASING CONDITION: Good

 WELL VAULT CONDITION: Good

 SEAL PRESENT?: Y

 BOLTS PRESENT?: 2/2

 WELL INTEGRITY: Good

 WELL TAG: Y(BBA 458)

 LOCK#: N

REMARKS: _____

 SIGNATURE: [Signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44

PURGED BY: D. Retz

WELL I.D.: MW-211

CLIENT NAME: Kipp Eckert

SAMPLED BY: D. Retz

SAMPLE I.D.: MW-211

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED: 11 / 5 / 08

START (2400hr): 0940

END (2400hr): 1020

DATE SAMPLED: 11 / 5 / 08

SAMPLE TIME (2400hr): 1000

LOW-FLOW USED:

SAMPLE TYPE: Groundwater Surface Water

Treatment Effluent

Other

CASING DIAMETER:
Casing Volume: (liters per foot)

2"
(0.64)

3"
(1.44)

4"
(2.45)

5"
(3.86)

6"
(5.68)

8"
(9.84)

Other
()

DEPTH TO BOTTOM (feet) = 20.29

DEPTH TO WATER (feet) = 7.23

WATER COLUMN HEIGHT (feet) = 12.00

ACTUAL PURGE (L) = 3.02.8

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
11/5/08	0945	800	13.8	37.4	7.68	clr.
11/5/08	0948	500	13.7	36.9	7.78	clr.
11/5/08	0951	500	13.6	37.2	7.85	clr.
11/5/08	0954	500	13.7	36.8	7.87	clr.
11/5/08	0957	500	13.8	37.3	7.89	clr.

Calculated Variance of Final Three Samples:

Acceptable Variance Limits:

≤10%

≤3%

≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 17.00

SAMPLE DTW: 8.85

ANTICIPATED PURGE INTAKE DEPTH: 17.00

ANALYSES: TPH-g, TPH-d, TPH-o,

Total Lead, Dissolved lead

Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment

Horiba, Water Quality Monitor, Peristaltic Pump
Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?:

YES

NO

WELL PAD CONDITION: Good

WELL CASING CONDITION: Good

WELL VAULT CONDITION: Good

SEAL PRESENT?:

BOLTS PRESENT?: 2/2

WELL INTEGRITY: Good

WELL TAG: Y(600459)

LOCK#: N

REMARKS:

SIGNATURE: D. Retz

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44

PURGED BY: N/A

WELL I.D.: SUW-3

CLIENT NAME: Kipp Eckert

SAMPLED BY: MT

SAMPLE I.D.: SUW-3

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/4/08

START (2400hr) 13:35

END (2400hr) 13:55

DATE SAMPLED 11/4/08

SAMPLE TIME (2400hr) 13:45

LOW-FLOW USED _____

SAMPLE TYPE: Groundwater

Surface Water _____

Treatment Effluent _____

Other

CASING DIAMETER: 2"

3" _____

4" _____

5" _____

6" _____

8" _____

Other _____

Casing Volume: (liters per foot) (0.64)

(1.44)

(2.45)

(3.86)

(5.68)

(9.84)

()

DEPTH TO BOTTOM (feet) = 14.32

DEPTH TO WATER (feet) = 9.70

WATER COLUMN HEIGHT (feet) = 4.62

ACTUAL PURGE (L) = N/A

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
<u>11/ /08</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

PERISTALTIC PUMP
DED

BATTERIES USED TO SAMPLE

Calculated Variance of Final Three Samples: _____

Acceptable Variance Limits: _____

≤10%

≤3%

≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: _____ SAMPLE DTW: 9.70

ANTICIPATED PURGE INTAKE DEPTH: same ANALYSES: TPH-g, TPH-d, TPH-o

Total Lead, Dissolved lead

Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

SAMPLING EQUIPMENT:

Sampling Equipment Batteries

Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?: _____

YES N/A

NO _____

WELL PAD CONDITION: Good

WELL CASING CONDITION: Good

WELL VAULT CONDITION: Good

SEAL PRESENT?: Y

BOLTS PRESENT?: _____

WELL INTEGRITY: Good

WELL TAG: N

LOCK#: 4

REMARKS: _____

SIGNATURE: _____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.01396.44

PURGED BY: MT

WELL I.D.: SWM-5

CLIENT NAME: Kipp Eckert

SAMPLED BY: MT

SAMPLE I.D.: SWM-5

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 11/3/08

START (2400hr) 10:33

END (2400hr) 11:05

DATE SAMPLED 11/3/08

SAMPLE TIME (2400hr) 10:45

LOW-FLOW USED

SAMPLE TYPE: Groundwater

Surface Water

Treatment Effluent

Other

CASING DIAMETER: 2" 3" 4" 5" 6" 8" Other
 Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ()

DEPTH TO BOTTOM (feet) = 14.5

DEPTH TO WATER (feet) = 10.00

WATER COLUMN HEIGHT (feet) = 4.5 FT

ACTUAL PURGE (L) = 1.0 L

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
11/3/08	10:35	500 ml	16.59	79.6	8.53	C
11/3/08	10:39	250 ml	16.55	79.9	8.53	C
11/3/08	10:41	250 ml	16.62	80.2	8.53	C
11/ /08						
11/ /08						

Calculated Variance of Final Three Samples:

Acceptable Variance Limits:

≤10%

≤3%

≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 14.50 FT

SAMPLE DTW: 14.45

ANTICIPATED PURGE INTAKE DEPTH: _____ ANALYSES: TPH-g, TPH-d, TPH-o,

Total Lead, Dissolved lead

Kerosene, BTEX, Naphthalene

SAMPLE VESSEL / PRESERVATIVE: 6 voas, 2 Ambers, -HCL 1 Poly HNO3, 1 Poly blank

PURGING EQUIPMENT:

Sampling Equipment Horiba, LowFlow

SAMPLING EQUIPMENT:

Horiba, Water Quality Monitor, Peristaltic Pump Interface Probe, YSI

Flow Through Cell Disconnected Prior to Sample Collection?:

YES NO

WELL PAD CONDITION: Good

WELL CASING CONDITION: Good

WELL VAULT CONDITION: Good

SEAL PRESENT?: yes BOLTS PRESENT?: yes

WELL INTEGRITY: Good

WELL TAG: yes LOCK#: NO

REMARKS: _____

SIGNATURE: [Signature]

APPENDIX B
LABORATORY ANALYTICAL REPORTS
AND CHAIN-OF-CUSTODY RECORD

November 10, 2008

Jennifer Yotz
Stantec
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)
Redmond, WA/USA 98073

RE: ConocoPhillips Westlake

Enclosed are the results of analyses for samples received by the laboratory on 11/03/08 15:45.
The following list is a summary of the Work Orders contained in this report, generated on 11/10/08
16:13.

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

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
BRK0010	ConocoPhillips Westlake	01CP.01396.44

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

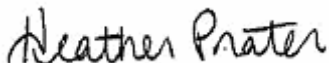


Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	-----------------------------------

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-208	BRK0010-01	Water	11/02/08 07:45	11/03/08 15:45
MW-37	BRK0010-02	Water	11/02/08 08:30	11/03/08 15:45
MW-19	BRK0010-03	Water	11/02/08 09:30	11/03/08 15:45
MW-55	BRK0010-04	Water	11/02/08 10:30	11/03/08 15:45
TB	BRK0010-05	Water	11/02/08 17:00	11/03/08 15:45

TestAmerica Seattle



Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	-----------------------------------

Volatile Petroleum Products by NWTPH-Gx
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0010-01 (MW-208)		Water			Sampled: 11/02/08 07:45					
Gasoline Range Hydrocarbons	NWTPH-Gx	32700	----	1250	ug/l	25x	8K04004	11/04/08 08:27	11/04/08 11:27	
Surrogate(s): 4-BFB (FID)			103%		58 - 144 %	1x				"
BRK0010-02 (MW-37)		Water			Sampled: 11/02/08 08:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	685	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 10:54	
Surrogate(s): 4-BFB (FID)			101%		58 - 144 %	"				"
BRK0010-03 (MW-19)		Water			Sampled: 11/02/08 09:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	19700	----	1250	ug/l	25x	8K04004	11/04/08 08:27	11/04/08 12:31	
Surrogate(s): 4-BFB (FID)			101%		58 - 144 %	1x				"
BRK0010-04 (MW-55)		Water			Sampled: 11/02/08 10:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	51.8	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 13:21	
Surrogate(s): 4-BFB (FID)			103%		58 - 144 %	"				"
BRK0010-05 (TB)		Water			Sampled: 11/02/08 17:00					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 16:03	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"				"

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0010-01 (MW-208)		Water			Sampled: 11/02/08 07:45					
Lube Oil	NWTPH-Dx	ND	----	0.490	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 17:26	
Diesel Range Hydrocarbons	"	0.988	----	0.245	"	"	"	"	"	Q5
<i>Surrogate(s): 2-FBP</i>				84.9%		53 - 125 %	"		"	
<i>Octacosane</i>				90.9%		68 - 125 %	"		"	
BRK0010-01RE1 (MW-208)		Water			Sampled: 11/02/08 07:45					
Kerosene	NWTPH-Dx	12.5	----	1.23	mg/l	5x	8K04005	11/04/08 08:32	11/06/08 09:44	
<i>Surrogate(s): 2-FBP</i>				80.9%		53 - 125 %	"		"	
<i>Octacosane</i>				86.8%		68 - 125 %	"		"	
BRK0010-02 (MW-37)		Water			Sampled: 11/02/08 08:30					
Lube Oil	NWTPH-Dx	ND	----	0.490	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 17:48	
Kerosene	"	ND	----	0.245	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.245	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				77.6%		53 - 125 %	"		"	
<i>Octacosane</i>				85.2%		68 - 125 %	"		"	
BRK0010-03 (MW-19)		Water			Sampled: 11/02/08 09:30					
Lube Oil	NWTPH-Dx	ND	----	4.90	mg/l	10x	8K04005	11/04/08 08:32	11/05/08 18:11	RL1
Kerosene	"	5.49	----	2.45	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	2.45	"	"	"	"	"	R1
<i>Surrogate(s): 2-FBP</i>				83.0%		53 - 125 %	"		"	
<i>Octacosane</i>				88.8%		68 - 125 %	"		"	
BRK0010-04 (MW-55)		Water			Sampled: 11/02/08 10:30					
Lube Oil	NWTPH-Dx	ND	----	0.490	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 18:33	
Kerosene	"	ND	----	0.245	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.245	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				66.2%		53 - 125 %	"		"	
<i>Octacosane</i>				74.3%		68 - 125 %	"		"	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0010-01 (MW-208)		Water			Sampled: 11/02/08 07:45					
Lead	EPA 6020	0.00180	----	0.00100	mg/l	1x	8K04002	11/04/08 06:49	11/06/08 14:06	
BRK0010-02 (MW-37)		Water			Sampled: 11/02/08 08:30					
Lead	EPA 6020	0.00177	----	0.00100	mg/l	1x	8K04002	11/04/08 06:49	11/06/08 14:12	
BRK0010-03 (MW-19)		Water			Sampled: 11/02/08 09:30					
Lead	EPA 6020	0.0258	----	0.00100	mg/l	1x	8K04002	11/04/08 06:49	11/06/08 14:18	
BRK0010-04 (MW-55)		Water			Sampled: 11/02/08 10:30					
Lead	EPA 6020	0.00116	----	0.00100	mg/l	1x	8K04002	11/04/08 06:49	11/06/08 14:23	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0010-01 (MW-208)		Water			Sampled: 11/02/08 07:45					P7
Lead	EPA 6020 - Diss	0.00141	----	0.00100	mg/l	1x	8K04032	11/04/08 13:32	11/07/08 20:21	
BRK0010-02 (MW-37)		Water			Sampled: 11/02/08 08:30					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K04032	11/04/08 13:32	11/07/08 20:26	
BRK0010-03 (MW-19)		Water			Sampled: 11/02/08 09:30					P7
Lead	EPA 6020 - Diss	0.00822	----	0.00100	mg/l	1x	8K04032	11/04/08 13:32	11/07/08 20:32	
BRK0010-04 (MW-55)		Water			Sampled: 11/02/08 10:30					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K04032	11/04/08 13:32	11/07/08 20:38	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 16:13
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0010-01 (MW-208)	Water			Sampled: 11/02/08 07:45						
Benzene	EPA 8260B	10.9	----	0.500	ug/l	1x	8K04022	11/04/08 13:02	11/04/08 22:56	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	21.4	----	5.00	"	"	"	"	"	
Toluene	"	23.5	----	0.500	"	"	"	"	"	

<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>	<i>106%</i>	<i>70 - 130 %</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>107%</i>	<i>75 - 125 %</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>4-BFB</i>	<i>152%</i>	<i>75 - 125 %</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>ZX</i>

BRK0010-01RE1 (MW-208)	Water			Sampled: 11/02/08 07:45						
Ethylbenzene	EPA 8260B	947	----	20.0	ug/l	40x	8K05036	11/05/08 13:30	11/05/08 21:45	
o-Xylene	"	457	----	40.0	"	"	"	"	"	
m,p-Xylene	"	2690	----	80.0	"	"	"	"	"	
Xylenes (total)	"	3150	----	120	"	"	"	"	"	

<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>	<i>89.6%</i>	<i>70 - 130 %</i>	<i>1x</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>95.7%</i>	<i>75 - 125 %</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>4-BFB</i>	<i>96.7%</i>	<i>75 - 125 %</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>

BRK0010-02 (MW-37)	Water			Sampled: 11/02/08 08:30						
Benzene	EPA 8260B	3.63	----	0.500	ug/l	1x	8K04022	11/04/08 13:02	11/04/08 23:21	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	10.3	----	5.00	"	"	"	"	"	
Toluene	"	0.540	----	0.500	"	"	"	"	"	

<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>	<i>99.0%</i>	<i>70 - 130 %</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>102%</i>	<i>75 - 125 %</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>4-BFB</i>	<i>99.6%</i>	<i>75 - 125 %</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>

BRK0010-02RE1 (MW-37)	Water			Sampled: 11/02/08 08:30						
Ethylbenzene	EPA 8260B	4.58	----	0.500	ug/l	1x	8K05036	11/05/08 13:30	11/05/08 18:53	
o-Xylene	"	5.21	----	1.00	"	"	"	"	"	
m,p-Xylene	"	32.7	----	2.00	"	"	"	"	"	
Xylenes (total)	"	38.0	----	3.00	"	"	"	"	"	

<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>	<i>109%</i>	<i>70 - 130 %</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>98.1%</i>	<i>75 - 125 %</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>4-BFB</i>	<i>92.8%</i>	<i>75 - 125 %</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	--

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0010-03 (MW-19)		Water			Sampled: 11/02/08 09:30					
Benzene	EPA 8260B	78.6	----	0.500	ug/l	1x	8K04022	11/04/08 13:02	11/04/08 23:47	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Toluene	"	14.5	----	0.500	"	"	"	"	"	"
<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>		97.4%		70 - 130 %	"				"
	<i>Toluene-d8</i>		101%		75 - 125 %	"				"
	<i>4-BFB</i>		112%		75 - 125 %	"				"

BRK0010-03RE1 (MW-19)		Water			Sampled: 11/02/08 09:30					
Ethylbenzene	EPA 8260B	90.4	----	20.0	ug/l	40x	8K05036	11/05/08 13:30	11/05/08 22:14	
Naphthalene	"	ND	----	200	"	"	"	"	"	"
o-Xylene	"	664	----	40.0	"	"	"	"	"	"
m,p-Xylene	"	1950	----	80.0	"	"	"	"	"	"
Xylenes (total)	"	2610	----	120	"	"	"	"	"	"
<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>		93.0%		70 - 130 %	1x				"
	<i>Toluene-d8</i>		95.8%		75 - 125 %	"				"
	<i>4-BFB</i>		96.0%		75 - 125 %	"				"

BRK0010-04 (MW-55)		Water			Sampled: 11/02/08 10:30					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K04022	11/04/08 13:02	11/05/08 00:12	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	"
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Toluene	"	ND	----	0.500	"	"	"	"	"	"
<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>		98.0%		70 - 130 %	"				"
	<i>Toluene-d8</i>		103%		75 - 125 %	"				"
	<i>4-BFB</i>		101%		75 - 125 %	"				"

BRK0010-04RE1 (MW-55)		Water			Sampled: 11/02/08 10:30					
Naphthalene	EPA 8260B	10.1	----	5.00	ug/l	1x	8K05051	11/05/08 19:18	11/05/08 23:15	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	"
<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>		111%		70 - 130 %	"				"
	<i>Toluene-d8</i>		113%		75 - 125 %	"				"
	<i>4-BFB</i>		103%		75 - 125 %	"				"

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 16:13
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0010-05 (TB)		Water				Sampled: 11/02/08 17:00				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05036	11/05/08 13:30	11/05/08 16:29	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	"
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"
Toluene	"	ND	----	0.500	"	"	"	"	"	"
o-Xylene	"	ND	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	"
<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>		<i>101%</i>		<i>70 - 130 %</i>	<i>"</i>				<i>"</i>
	<i>Toluene-d8</i>		<i>98.6%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
	<i>4-BFB</i>		<i>100%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	-----------------------------------

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K04004 Water Preparation Method: EPA 5030B (P/T)

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K04004-BLK1)								Extracted: 11/04/08 08:27						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	11/04/08 09:50	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 100%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/04/08 09:50</i>	
LCS (8K04004-BS1)								Extracted: 11/04/08 08:27						
Gasoline Range Hydrocarbons	NWTPH-Gx	905	---	50.0	ug/l	1x	--	1000	90.5%	(80-120)	--	--	11/04/08 10:22	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 105%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/04/08 10:22</i>	
Duplicate (8K04004-DUP1)				QC Source: BRK0010-01				Extracted: 11/04/08 08:27						
Gasoline Range Hydrocarbons	NWTPH-Gx	35900	---	1250	ug/l	25x	32700	--	--	--	9.26% (25)		11/04/08 11:59	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 101%</i>		<i>Limits: 58-144%</i>		<i>1x</i>							<i>11/04/08 11:59</i>	
Duplicate (8K04004-DUP2)				QC Source: BRK0011-02				Extracted: 11/04/08 08:27						
Gasoline Range Hydrocarbons	NWTPH-Gx	2830	---	50.0	ug/l	1x	2890	--	--	--	2.09% (25)		11/04/08 23:01	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 102%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/04/08 23:01</i>	
Matrix Spike (8K04004-MS1)				QC Source: BRK0011-03				Extracted: 11/04/08 08:27						
Gasoline Range Hydrocarbons	NWTPH-Gx	1400	---	50.0	ug/l	1x	350	1000	105%	(75-131)	--	--	11/04/08 14:26	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 118%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/04/08 14:26</i>	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K04005 Water Preparation Method: EPA 3520C

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K04005-BLK1)										Extracted: 11/04/08 08:32				
Lube Oil	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	11/05/08 16:19	
Kerosene	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
Diesel Range Hydrocarbons	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>76.5%</i>	<i>Limits: 53-125%</i>		<i>"</i>							<i>11/05/08 16:19</i>	
<i>Octacosane</i>		<i>84.2%</i>	<i>68-125%</i>		<i>"</i>							<i>"</i>		
LCS (8K04005-BS1)										Extracted: 11/04/08 08:32				
Diesel Range Hydrocarbons	NWTPH-Dx	1.71	---	0.250	mg/l	1x	--	2.00	85.4%	(61-132)	--	--	11/05/08 16:41	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>76.9%</i>	<i>Limits: 53-125%</i>		<i>"</i>							<i>11/05/08 16:41</i>	
<i>Octacosane</i>		<i>88.7%</i>	<i>68-125%</i>		<i>"</i>							<i>"</i>		
LCS Dup (8K04005-BSD1)										Extracted: 11/04/08 08:32				
Diesel Range Hydrocarbons	NWTPH-Dx	1.82	---	0.250	mg/l	1x	--	2.00	91.1%	(61-132)	6.47% (35)		11/05/08 17:03	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>85.3%</i>	<i>Limits: 53-125%</i>		<i>"</i>							<i>11/05/08 17:03</i>	
<i>Octacosane</i>		<i>97.1%</i>	<i>68-125%</i>		<i>"</i>							<i>"</i>		

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K04002 Water Preparation Method: EPA 3020A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K04002-BLK1)								Extracted: 11/04/08 06:49						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/06/08 12:45	
LCS (8K04002-BS1)								Extracted: 11/04/08 06:49						
Lead	EPA 6020	0.0735	---	0.00100	mg/l	1x	--	0.0800	91.9%	(80-120)	--	--	11/06/08 12:51	
Duplicate (8K04002-DUP1)				QC Source: BRJ0423-01				Extracted: 11/04/08 06:49						
Lead	EPA 6020	0.00316	---	0.00100	mg/l	1x	0.00299	--	--	--	5.53% (20)	--	11/06/08 13:14	
Matrix Spike (8K04002-MS1)				QC Source: BRJ0423-01				Extracted: 11/04/08 06:49						
Lead	EPA 6020	0.0774	---	0.00100	mg/l	1x	0.00299	0.0800	93.0%	(75-125)	--	--	11/06/08 13:08	
Post Spike (8K04002-PS1)				QC Source: BRJ0423-01				Extracted: 11/04/08 06:49						
Lead	EPA 6020	0.0995	---		ug/ml	1x	0.00299	0.100	96.0%	(80-120)	--	--	11/06/08 12:56	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K04032 Water Preparation Method: EPA 3005A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K04032-BLK1)										Extracted: 11/04/08 13:32				
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/07/08 19:40	
LCS (8K04032-BS1)										Extracted: 11/04/08 13:32				
Lead	EPA 6020 - Diss	0.224	---	0.00100	mg/l	1x	--	0.200	112%	(80-120)	--	--	11/07/08 19:46	
Duplicate (8K04032-DUP1)										QC Source: BRK0010-01 Extracted: 11/04/08 13:32				
Lead	EPA 6020 - Diss	0.00145	---	0.00100	mg/l	1x	0.00141	--	--	--	2.80% (20)	--	11/07/08 20:15	
Matrix Spike (8K04032-MS1)										QC Source: BRK0010-01 Extracted: 11/04/08 13:32				
Lead	EPA 6020 - Diss	0.109	---	0.00100	mg/l	1x	0.00141	0.100	107%	(75-125)	--	--	11/07/08 19:52	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 16:13
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K04022 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
Blank (8K04022-BLK1)													Extracted: 11/04/08 13:02			
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/04/08 16:43			
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"			
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"			
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 98.2%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/04/08 16:43</i>
<i>Toluene-d8</i>													<i>105%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>100%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

LCS (8K04022-BS1)													Extracted: 11/04/08 13:02			
Benzene	EPA 8260B	37.7	---	0.500	ug/l	1x	--	40.0	94.2%	(80-120)	--	--	11/04/08 13:14			
Ethylbenzene	"	40.4	---	0.500	"	"	--	"	101%	(75-125)	--	--	"			
Methyl tert-butyl ether	"	40.7	---	1.00	"	"	--	"	102%	(75-126)	--	--	"			
Naphthalene	"	37.9	---	5.00	"	"	--	"	94.8%	(65-144)	--	--	"			
Toluene	"	37.2	---	0.500	"	"	--	"	92.9%	(75-125)	--	--	"			
o-Xylene	"	35.6	---	1.00	"	"	--	"	88.9%	(75-130)	--	--	"			
m,p-Xylene	"	72.1	---	2.00	"	"	--	80.0	90.1%	(75-125)	--	--	"			
Xylenes (total)	"	108	---	3.00	"	"	--	120	89.7%	"	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 95.6%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/04/08 13:14</i>
<i>Toluene-d8</i>													<i>101%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>99.7%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

LCS Dup (8K04022-BSD1)													Extracted: 11/04/08 13:02			
Benzene	EPA 8260B	38.5	---	0.500	ug/l	1x	--	40.0	96.3%	(80-120)	2.20% (20)	--	11/04/08 13:40			
Ethylbenzene	"	41.3	---	0.500	"	"	--	"	103%	(75-125)	2.23%	"	"			
Methyl tert-butyl ether	"	42.0	---	1.00	"	"	--	"	105%	(75-126)	3.24%	"	"			
Naphthalene	"	39.3	---	5.00	"	"	--	"	98.3%	(65-144)	3.70%	"	"			
Toluene	"	38.1	---	0.500	"	"	--	"	95.2%	(75-125)	2.45%	"	"			
o-Xylene	"	36.4	---	1.00	"	"	--	"	91.0%	(75-130)	2.25%	"	"			
m,p-Xylene	"	73.5	---	2.00	"	"	--	80.0	91.8%	(75-125)	1.94%	"	"			
Xylenes (total)	"	110	---	3.00	"	"	--	120	91.5%	"	2.04%	"	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 95.4%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/04/08 13:40</i>
<i>Toluene-d8</i>													<i>99.9%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>101%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 16:13
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K04022 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (8K04022-MS1)			QC Source: BRJ0419-03RE1					Extracted: 11/04/08 13:02						
Benzene	EPA 8260B	52.2	---	0.500	ug/l	1x	14.4	40.0	94.4%	(80-124)	--	--	11/04/08 14:05	
Ethylbenzene	"	55.0	---	0.500	"	"	13.8	"	103%	(62-151)	--	--	"	
Methyl tert-butyl ether	"	36.0	---	1.00	"	"	ND	"	90.0%	(75-126)	--	--	"	
Naphthalene	"	38.5	---	5.00	"	"	ND	"	96.2%	(59-182)	--	--	"	
Toluene	"	39.6	---	0.500	"	"	1.86	"	94.4%	(75-125)	--	--	"	
o-Xylene	"	38.2	---	1.00	"	"	1.54	"	91.6%	(75-130)	--	--	"	
m,p-Xylene	"	81.8	---	2.00	"	"	8.72	80.0	91.3%	(75-135)	--	--	"	
Xylenes (total)	"	120	---	3.00	"	"	10.3	120	91.4%	(60-140)	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 105%</i>					<i>Limits: 70-130%</i>						<i>11/04/08 14:05</i>	
<i>Toluene-d8</i>		<i>101%</i>					<i>75-125%</i>						<i>"</i>	
<i>4-BFB</i>		<i>102%</i>					<i>75-125%</i>						<i>"</i>	

Matrix Spike Dup (8K04022-MSD1)			QC Source: BRJ0419-03RE1					Extracted: 11/04/08 13:02						
Benzene	EPA 8260B	49.7	---	0.500	ug/l	1x	14.4	40.0	88.3%	(80-124)	4.85% (30)		11/04/08 14:31	
Ethylbenzene	"	52.3	---	0.500	"	"	13.8	"	96.4%	(62-151)	5.01%	"	"	
Methyl tert-butyl ether	"	36.0	---	1.00	"	"	ND	"	90.1%	(75-126)	0.111%	"	"	
Naphthalene	"	37.5	---	5.00	"	"	ND	"	93.7%	(59-182)	2.68%	"	"	
Toluene	"	37.6	---	0.500	"	"	1.86	"	89.3%	(75-125)	5.34%	"	"	
o-Xylene	"	36.2	---	1.00	"	"	1.54	"	86.8%	(75-130)	5.19%	"	"	
m,p-Xylene	"	77.8	---	2.00	"	"	8.72	80.0	86.3%	(75-135)	5.01%	"	"	
Xylenes (total)	"	114	---	3.00	"	"	10.3	120	86.5%	(60-140)	5.07%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 104%</i>					<i>Limits: 70-130%</i>						<i>11/04/08 14:31</i>	
<i>Toluene-d8</i>		<i>100%</i>					<i>75-125%</i>						<i>"</i>	
<i>4-BFB</i>		<i>103%</i>					<i>75-125%</i>						<i>"</i>	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 16:13
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05036 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
Blank (8K05036-BLK1)													Extracted: 11/05/08 13:30			
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/05/08 16:00			
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"			
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"			
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 92.6%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 16:00</i>
<i>Toluene-d8</i>													<i>96.3%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>101%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

LCS (8K05036-BS1)													Extracted: 11/05/08 13:30			
Benzene	EPA 8260B	34.3	---	0.500	ug/l	1x	--	40.0	85.7%	(80-120)	--	--	11/05/08 13:54			
Ethylbenzene	"	36.8	---	0.500	"	"	--	"	92.0%	(75-125)	--	--	"			
Methyl tert-butyl ether	"	37.2	---	1.00	"	"	--	"	93.0%	(75-126)	--	--	"			
Naphthalene	"	36.3	---	5.00	"	"	--	"	90.7%	(65-144)	--	--	"			
Toluene	"	34.6	---	0.500	"	"	--	"	86.5%	(75-125)	--	--	"			
o-Xylene	"	36.8	---	1.00	"	"	--	"	92.0%	(75-130)	--	--	"			
m,p-Xylene	"	74.2	---	2.00	"	"	--	80.0	92.7%	(75-125)	--	--	"			
Xylenes (total)	"	111	---	3.00	"	"	--	120	92.5%	"	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 99.4%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 13:54</i>
<i>Toluene-d8</i>													<i>96.0%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>97.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

Matrix Spike (8K05036-MS1)													QC Source: BRK0011-03		Extracted: 11/05/08 13:30	
Benzene	EPA 8260B	36.1	---	0.500	ug/l	1x	ND	40.0	90.3%	(80-124)	--	--	11/05/08 14:23			
Ethylbenzene	"	38.4	---	0.500	"	"	ND	"	95.9%	(62-151)	--	--	"			
Methyl tert-butyl ether	"	38.7	---	1.00	"	"	ND	"	96.8%	(75-126)	--	--	"			
Naphthalene	"	40.9	---	5.00	"	"	ND	"	102%	(59-182)	--	--	"			
Toluene	"	35.7	---	0.500	"	"	0.360	"	88.3%	(75-125)	--	--	"			
o-Xylene	"	37.5	---	1.00	"	"	ND	"	93.8%	(75-130)	--	--	"			
m,p-Xylene	"	75.0	---	2.00	"	"	0.510	80.0	93.1%	(75-135)	--	--	"			
Xylenes (total)	"	113	---	3.00	"	"	0.510	120	93.4%	(60-140)	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 98.6%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 14:23</i>
<i>Toluene-d8</i>													<i>92.4%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>98.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 16:13
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05036 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (8K05036-MSD1)			QC Source: BRK0011-03				Extracted: 11/05/08 13:30							
Benzene	EPA 8260B	35.3	---	0.500	ug/l	1x	ND	40.0	88.2%	(80-124)	2.41% (30)		11/05/08 14:52	
Ethylbenzene	"	37.1	---	0.500	"	"	ND	"	92.8%	(62-151)	3.28%	"	"	
Methyl tert-butyl ether	"	37.7	---	1.00	"	"	ND	"	94.3%	(75-126)	2.54%	"	"	
Naphthalene	"	42.7	---	5.00	"	"	ND	"	107%	(59-182)	4.14%	"	"	
Toluene	"	35.8	---	0.500	"	"	0.360	"	88.7%	(75-125)	0.447%	"	"	
o-Xylene	"	36.9	---	1.00	"	"	ND	"	92.2%	(75-130)	1.69%	"	"	
m,p-Xylene	"	72.8	---	2.00	"	"	0.510	80.0	90.3%	(75-135)	3.03%	"	"	
Xylenes (total)	"	110	---	3.00	"	"	0.510	120	91.0%	(60-140)	2.58%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 96.8%</i>		<i>Limits: 70-130%</i>		<i>"</i>						<i>11/05/08 14:52</i>		
<i>Toluene-d8</i>		<i>92.9%</i>		<i>75-125%</i>		<i>"</i>						<i>"</i>		
<i>4-BFB</i>		<i>98.4%</i>		<i>75-125%</i>		<i>"</i>						<i>"</i>		

QC Batch: 8K05051 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K05051-BLK1)							Extracted: 11/05/08 19:18							
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/05/08 22:50	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 113%</i>		<i>Limits: 70-130%</i>		<i>"</i>						<i>11/05/08 22:50</i>		
<i>Toluene-d8</i>		<i>112%</i>		<i>75-125%</i>		<i>"</i>						<i>"</i>		
<i>4-BFB</i>		<i>101%</i>		<i>75-125%</i>		<i>"</i>						<i>"</i>		

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8K05051-BS1)							Extracted: 11/05/08 19:18							
Benzene	EPA 8260B	37.2	---	0.500	ug/l	1x	--	40.0	93.0%	(80-120)	--	--	11/05/08 20:51	
Ethylbenzene	"	39.9	---	0.500	"	"	--	"	99.7%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	32.3	---	1.00	"	"	--	"	80.8%	(75-126)	--	--	"	
Naphthalene	"	40.7	---	5.00	"	"	--	"	102%	(65-144)	--	--	"	
Toluene	"	41.3	---	0.500	"	"	--	"	103%	(75-125)	--	--	"	
o-Xylene	"	41.1	---	1.00	"	"	--	"	103%	(75-130)	--	--	"	
m,p-Xylene	"	76.3	---	2.00	"	"	--	80.0	95.3%	(75-125)	--	--	"	
Xylenes (total)	"	117	---	3.00	"	"	--	120	97.8%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 106%</i>		<i>Limits: 70-130%</i>		<i>"</i>						<i>11/05/08 20:51</i>		

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 16:13
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05051 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	---------------	-----------	-------	----------	-------	----------	----------	-------

LCS (8K05051-BS1) Extracted: 11/05/08 19:18

Surrogate(s): Toluene-d8	Recovery: 108%	Limits: 75-125%	Ix	11/05/08 20:51
4-BFB	99.0%	75-125%	"	"

Matrix Spike (8K05051-MS1) QC Source: BRK0010-04RE1 Extracted: 11/05/08 19:18

Benzene	EPA 8260B	43.7	---	0.500	ug/l	1x	ND	40.0	109%	(80-124)	--	--	11/05/08 21:16	
Ethylbenzene	"	51.8	---	0.500	"	"	ND	"	129%	(62-151)	--	--	"	
Methyl tert-butyl ether	"	38.5	---	1.00	"	"	ND	"	96.3%	(75-126)	--	--	"	
Naphthalene	"	58.2	---	5.00	"	"	10.1	"	120%	(59-182)	--	--	"	
Toluene	"	50.5	---	0.500	"	"	ND	"	126%	(75-125)	--	--	"	M7
o-Xylene	"	49.5	---	1.00	"	"	ND	"	124%	(75-130)	--	--	"	
m,p-Xylene	"	93.4	---	2.00	"	"	1.04	80.0	115%	(75-135)	--	--	"	
Xylenes (total)	"	143	---	3.00	"	"	1.04	120	118%	(60-140)	--	--	"	

Surrogate(s): 1,2-DCA-d4	Recovery: 107%	Limits: 70-130%	"	11/05/08 21:16
Toluene-d8	113%	75-125%	"	"
4-BFB	101%	75-125%	"	"

Matrix Spike Dup (8K05051-MSD1) QC Source: BRK0010-04RE1 Extracted: 11/05/08 19:18

Benzene	EPA 8260B	37.5	---	0.500	ug/l	1x	ND	40.0	93.7%	(80-124)	15.3% (30)		11/05/08 21:42	
Ethylbenzene	"	44.0	---	0.500	"	"	ND	"	110%	(62-151)	16.4%	"	"	
Methyl tert-butyl ether	"	34.0	---	1.00	"	"	ND	"	84.9%	(75-126)	12.6%	"	"	
Naphthalene	"	52.0	---	5.00	"	"	10.1	"	105%	(59-182)	11.3%	"	"	
Toluene	"	45.2	---	0.500	"	"	ND	"	113%	(75-125)	11.2%	"	"	
o-Xylene	"	44.0	---	1.00	"	"	ND	"	110%	(75-130)	11.8%	"	"	
m,p-Xylene	"	84.0	---	2.00	"	"	1.04	80.0	104%	(75-135)	10.5%	"	"	
Xylenes (total)	"	128	---	3.00	"	"	1.04	120	106%	(60-140)	10.9%	"	"	

Surrogate(s): 1,2-DCA-d4	Recovery: 109%	Limits: 70-130%	"	11/05/08 21:42
Toluene-d8	115%	75-125%	"	"
4-BFB	100%	75-125%	"	"

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	--

CERTIFICATION SUMMARY

TestAmerica Seattle

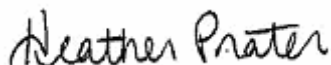
Method	Matrix	Nelac	Washington
EPA 6020 - Diss	Water	X	X
EPA 6020	Water	X	X
EPA 8260B	Water	X	X
NWTPH-Dx	Water		X
NWTPH-Gx	Water		X

Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .

TestAmerica Seattle



Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 16:13
---	---	-----------------------------------

Notes and Definitions

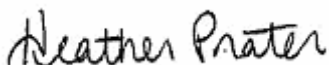
Report Specific Notes:

- M7 - The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- P7 - Sample filtered in lab.
- Q5 - Results in the diesel organics range are primarily due to overlap from a gasoline range product.
- R1 - The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
- RL1 - Reporting limit raised due to sample matrix effects.
- ZX - Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA - Not Reported / Not Available
- dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle



Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: **BRK0010**

CLIENT: STANTEC		INVOICE TO: SAME								TURNAROUND REQUEST in Business Days * Organic & Inorganic Analyses <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. Petroleum Hydrocarbon Analyses <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. <input type="checkbox"/> OTHER Specify: _____ * Turnaround Requests less than standard may incur Rush Charges.							
REPORT TO: JEN YOTZ ADDRESS: 12034 134TH CT NE REDMOND, WA 98052		P.O. NUMBER: 01CP.01396.44															
PHONE: 372.16000 FAX: 372.16500		PROJECT NAME: WESTLAKE															
PROJECT NUMBER: 01CP.01396.44		PRESERVATIVE															
SAMPLED BY: DR		REQUESTED ANALYSES															
		TPH-GX	TPH-DY	BTEX	NAPHTHALENE	TOTAL LEAD	D.S. LEAD	VEROSION									
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME											MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID		
1 MW-2008	11-02-08/ 0745	X	X	X	X	X	X	X				W	10		-01		
2 MW-37	11-02-08/ 0830	X	X	X	X	X	X	X				W	10		-02		
3 MW-19	11-02-08/ 0930	X	X	X	X	X	X	X				W	9		-03		
4 MW-55	11-02-08/ 1030	X	X	X	X	X	X	X				W	10		-04		
5 TB (dry)	11-02-08 1700	X										W	1 (dry)		-05		
6																	
7																	
8																	
9																	
10																	
RELEASED BY: J.R. Yotz		DATE: 11/3/08		RECEIVED BY: F. LUNA		DATE: 11/3/08											
PRINT NAME: Jeanifer L. Yotz		FIRM: Stantec		TIME: 1000		PRINT NAME: Francisco Luna, Jr		FIRM: TA-SEH		TIME: 1105							
RELEASED BY:		DATE:		RECEIVED BY:		DATE:											
PRINT NAME:		FIRM:		PRINT NAME:		FIRM:											
ADDITIONAL REMARKS:												@Lab 1545 w/o		TEMP: 6.1 c		PAGE OF	

TAT: _____

Paperwork to PM - Date: _____ Time: _____

Non-Conformances?

Page Time & Initials: 1550 EL

Short Hold

Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: _____
(applies to temp at receipt)

Logged-in By: _____

Unpacked/Labeled By: _____

Cooler ID: _____

Date: 11/3/08

Date: 11/3/08

Date: 11/3/08

Work Order No. BR K0010

Time: 1545

Time: 1720

Time: 1750

Client: _____

Initials: EL

Initials: RTK

Initials: RF

Project: _____

Container Type:

COC Seals:

Packing Material:

Cooler _____ Ship Container _____ Sign By _____
 Box _____ On Bottles _____ Date _____
 None/Other _____ None

Bubble Bags _____ Styrofoam _____
 Foam Packs _____
 None/Other _____

Refrigerant:

Gel Ice Pack _____
 Loose Ice _____
 None/Other _____

Received Via: Bill# _____

Fed Ex _____ Client _____
 UPS TA Courier _____
 DHL _____ Mid Valley _____
 Servoy _____ TDP _____
 GS _____ Other _____

Cooler Temperature (IR): _____ °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? 6.1 or NA

Trip Blank? Y or N or NA

BP, OPLC, ARCO-Temperature monitoring every 15 minutes:
(initial/date/time): _____

Comments: _____

Sample Containers:

Intact? Y or N _____ ID _____
Provided by TA? Y or N _____ ID _____
Correct Type? Y or N _____ ID _____
#Containers match COC? Y or N TB ID _____
IDs/time/date match COC? Y or N _____ ID _____
Hold Times in hold? Y or N _____ ID _____

Metals Preserved? Y or N or NA _____
Client QAPP Preserved? Y or N or NA _____
Adequate Volume? Y or N Only 1 Ambu for MW-19
(for tests requested)
Water VOAs: Headspace? Y or N or NA 02C
Comments: _____

PROJECT MANAGEMENT

Is the Chain of Custody complete? _____ Y or N If N, circle the items that were incomplete

Comments, Problems _____

Total access set up? _____ Y or N
Has client been contacted regarding non-conformances? _____ Y or N If Y, _____ Date _____ Time _____

PM Initials: _____ Date: _____ Time: _____

November 10, 2008

Jennifer Yotz
Stantec
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)
Redmond, WA/USA 98073

RE: ConocoPhillips Westlake

Enclosed are the results of analyses for samples received by the laboratory on 11/03/08 15:45.
The following list is a summary of the Work Orders contained in this report, generated on 11/10/08
15:56.

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

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
BRK0011	ConocoPhillips Westlake	01CP.01396.44

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

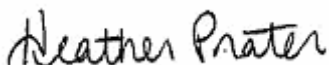


Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	ConocoPhillips Westlake	Report Created:
	Project Number:	01CP.01396.44	11/10/08 15:56
	Project Manager:	Jennifer Yotz	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SMW-4	BRK0011-01	Water	11/03/08 12:20	11/03/08 15:45
SMW-5	BRK0011-02	Water	11/03/08 10:45	11/03/08 15:45
MW-40	BRK0011-03	Water	11/03/08 14:00	11/03/08 15:45
MW-50	BRK0011-04	Water	11/03/08 12:57	11/03/08 15:45
MW-54	BRK0011-05	Water	11/03/08 14:11	11/03/08 15:45
MW-56	BRK0011-06	Water	11/03/08 11:58	11/03/08 15:45
MW-71	BRK0011-07	Water	11/03/08 11:45	11/03/08 15:45
MW-72	BRK0011-08	Water	11/03/08 12:40	11/03/08 15:45
MW-73	BRK0011-09	Water	11/03/08 13:20	11/03/08 15:45
MW-90	BRK0011-10	Water	11/03/08 13:45	11/03/08 15:45
MW-91	BRK0011-11	Water	11/03/08 14:20	11/03/08 15:45
MW-92	BRK0011-12	Water	11/03/08 11:30	11/03/08 15:45
MW-93	BRK0011-13	Water	11/03/08 13:05	11/03/08 15:45
MW-206	BRK0011-14	Water	11/03/08 10:30	11/03/08 15:45
Trip Blank	BRK0011-15	Water	11/03/08 12:00	11/03/08 15:45

TestAmerica Seattle



Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 15:56
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Petroleum Products by NWTPH-Gx
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-01 (SMW-4)		Water			Sampled: 11/03/08 12:20					
Gasoline Range Hydrocarbons	NWTPH-Gx	15800	----	500	ug/l	10x	8K04004	11/04/08 08:27	11/05/08 07:34	
Surrogate(s): 4-BFB (FID)			109%		58 - 144 %	1x				"
BRK0011-02 (SMW-5)		Water			Sampled: 11/03/08 10:45					
Gasoline Range Hydrocarbons	NWTPH-Gx	2890	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 22:29	B3, A-01a
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"				"
BRK0011-03 (MW-40)		Water			Sampled: 11/03/08 14:00					
Gasoline Range Hydrocarbons	NWTPH-Gx	350	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 13:54	
Surrogate(s): 4-BFB (FID)			112%		58 - 144 %	"				"
BRK0011-04 (MW-50)		Water			Sampled: 11/03/08 12:57					
Gasoline Range Hydrocarbons	NWTPH-Gx	1250	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 23:33	B3, A-01a
Surrogate(s): 4-BFB (FID)			105%		58 - 144 %	"				"
BRK0011-05 (MW-54)		Water			Sampled: 11/03/08 14:11					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/05/08 00:04	B3, A-01
Surrogate(s): 4-BFB (FID)			98.3%		58 - 144 %	"				"
BRK0011-06 (MW-56)		Water			Sampled: 11/03/08 11:58					
Gasoline Range Hydrocarbons	NWTPH-Gx	312	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/05/08 00:36	
Surrogate(s): 4-BFB (FID)			98.6%		58 - 144 %	"				"
BRK0011-07 (MW-71)		Water			Sampled: 11/03/08 11:45					
Gasoline Range Hydrocarbons	NWTPH-Gx	5820	----	500	ug/l	10x	8K04004	11/04/08 08:27	11/05/08 01:08	
Surrogate(s): 4-BFB (FID)			99.7%		58 - 144 %	1x				"
BRK0011-08 (MW-72)		Water			Sampled: 11/03/08 12:40					
Gasoline Range Hydrocarbons	NWTPH-Gx	577	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 17:08	
Surrogate(s): 4-BFB (FID)			100%		58 - 144 %	"				"

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 15:56
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Petroleum Products by NWTPH-Gx
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-09 (MW-73)		Water			Sampled: 11/03/08 13:20					
Gasoline Range Hydrocarbons	NWTPH-Gx	1790	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 17:40	
Surrogate(s): 4-BFB (FID)			143%		58 - 144 %	"				"
BRK0011-10 (MW-90)		Water			Sampled: 11/03/08 13:45					
Gasoline Range Hydrocarbons	NWTPH-Gx	1460	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 18:12	
Surrogate(s): 4-BFB (FID)			104%		58 - 144 %	"				"
BRK0011-11 (MW-91)		Water			Sampled: 11/03/08 14:20					
Gasoline Range Hydrocarbons	NWTPH-Gx	252	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 18:44	
Surrogate(s): 4-BFB (FID)			99.7%		58 - 144 %	"				"
BRK0011-12 (MW-92)		Water			Sampled: 11/03/08 11:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	1030	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 19:17	
Surrogate(s): 4-BFB (FID)			112%		58 - 144 %	"				"
BRK0011-13 (MW-93)		Water			Sampled: 11/03/08 13:05					
Gasoline Range Hydrocarbons	NWTPH-Gx	1110	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 19:49	
Surrogate(s): 4-BFB (FID)			101%		58 - 144 %	"				"
BRK0011-14 (MW-206)		Water			Sampled: 11/03/08 10:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 20:21	
Surrogate(s): 4-BFB (FID)			98.6%		58 - 144 %	"				"
BRK0011-15 (Trip Blank)		Water			Sampled: 11/03/08 12:00					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K04004	11/04/08 08:27	11/04/08 16:35	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"				"

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-01 (SMW-4)		Water			Sampled: 11/03/08 12:20					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 18:56	
Diesel Range Hydrocarbons	"	1.40	----	0.236	"	"	"	"	"	Q5
<i>Surrogate(s): 2-FBP</i>				85.9%		53 - 125 %	"		"	
<i>Octacosane</i>				91.9%		68 - 125 %	"		"	
BRK0011-01RE1 (SMW-4)		Water			Sampled: 11/03/08 12:20					
Kerosene	NWTPH-Dx	5.45	----	0.472	mg/l	2x	8K04005	11/04/08 08:32	11/06/08 10:07	
<i>Surrogate(s): 2-FBP</i>				86.3%		53 - 125 %	"		"	
<i>Octacosane</i>				90.9%		68 - 125 %	"		"	
BRK0011-02 (SMW-5)		Water			Sampled: 11/03/08 10:45					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 19:18	
Kerosene	"	1.19	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	0.280	----	0.238	"	"	"	"	"	Q5
<i>Surrogate(s): 2-FBP</i>				69.1%		53 - 125 %	"		"	
<i>Octacosane</i>				76.3%		68 - 125 %	"		"	
BRK0011-03 (MW-40)		Water			Sampled: 11/03/08 14:00					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 19:40	
Kerosene	"	ND	----	0.240	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				71.7%		53 - 125 %	"		"	
<i>Octacosane</i>				81.9%		68 - 125 %	"		"	
BRK0011-04 (MW-50)		Water			Sampled: 11/03/08 12:57					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 21:32	
Kerosene	"	0.478	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				69.1%		53 - 125 %	"		"	
<i>Octacosane</i>				82.8%		68 - 125 %	"		"	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-05 (MW-54)		Water			Sampled: 11/03/08 14:11					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 21:54	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				75.6%		53 - 125 %	"			"
<i>Octacosane</i>				86.4%		68 - 125 %	"			"
BRK0011-06 (MW-56)		Water			Sampled: 11/03/08 11:58					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 22:16	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				83.8%		53 - 125 %	"			"
<i>Octacosane</i>				93.0%		68 - 125 %	"			"
BRK0011-07 (MW-71)		Water			Sampled: 11/03/08 11:45					
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 22:38	
Kerosene	"	2.45	----	0.243	"	"	"	"	"	
Diesel Range Hydrocarbons	"	0.524	----	0.243	"	"	"	"	"	Q5
<i>Surrogate(s): 2-FBP</i>				76.3%		53 - 125 %	"			"
<i>Octacosane</i>				85.2%		68 - 125 %	"			"
BRK0011-08 (MW-72)		Water			Sampled: 11/03/08 12:40					
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 23:00	
Kerosene	"	0.278	----	0.243	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				79.5%		53 - 125 %	"			"
<i>Octacosane</i>				87.8%		68 - 125 %	"			"
BRK0011-09 (MW-73)		Water			Sampled: 11/03/08 13:20					
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 23:22	
Kerosene	"	0.466	----	0.243	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				69.0%		53 - 125 %	"			"
<i>Octacosane</i>				76.6%		68 - 125 %	"			"

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-10 (MW-90)		Water			Sampled: 11/03/08 13:45					
Lube Oil	NWTPH-Dx	ND	----	0.781	mg/l	1x	8K04005	11/04/08 08:32	11/05/08 23:44	
Kerosene	"	ND	----	0.391	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.391	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				78.8%		53 - 125 %	"			"
<i>Octacosane</i>				90.6%		68 - 125 %	"			"
BRK0011-11 (MW-91)		Water			Sampled: 11/03/08 14:20					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K04005	11/04/08 08:32	11/06/08 00:07	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				75.2%		53 - 125 %	"			"
<i>Octacosane</i>				84.8%		68 - 125 %	"			"
BRK0011-12 (MW-92)		Water			Sampled: 11/03/08 11:30					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K04005	11/04/08 08:32	11/06/08 01:56	
Kerosene	"	0.375	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				73.4%		53 - 125 %	"			"
<i>Octacosane</i>				83.0%		68 - 125 %	"			"
BRK0011-13 (MW-93)		Water			Sampled: 11/03/08 13:05					
Lube Oil	NWTPH-Dx	0.842	----	0.472	mg/l	1x	8K04005	11/04/08 08:32	11/06/08 02:18	
Kerosene	"	0.535	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	0.564	----	0.236	"	"	"	"	"	Q5, Q6
<i>Surrogate(s): 2-FBP</i>				77.1%		53 - 125 %	"			"
<i>Octacosane</i>				82.1%		68 - 125 %	"			"
BRK0011-14RE2 (MW-206)		Water			Sampled: 11/03/08 10:30					
Lube Oil	NWTPH-Dx	0.564	----	0.485	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 20:09	
Kerosene	"	ND	----	0.243	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				73.5%		53 - 125 %	"			"
<i>Octacosane</i>				85.4%		68 - 125 %	"			"

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-01 (SMW-4)		Water			Sampled: 11/03/08 12:20					
Lead	EPA 6020	0.0123	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 15:33	
BRK0011-02 (SMW-5)		Water			Sampled: 11/03/08 10:45					
Lead	EPA 6020	0.00114	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 15:39	
BRK0011-03 (MW-40)		Water			Sampled: 11/03/08 14:00					
Lead	EPA 6020	0.00497	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 15:45	
BRK0011-04 (MW-50)		Water			Sampled: 11/03/08 12:57					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 16:08	
BRK0011-05 (MW-54)		Water			Sampled: 11/03/08 14:11					
Lead	EPA 6020	0.00864	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 16:14	
BRK0011-06 (MW-56)		Water			Sampled: 11/03/08 11:58					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 16:20	
BRK0011-07 (MW-71)		Water			Sampled: 11/03/08 11:45					
Lead	EPA 6020	0.00156	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 16:26	
BRK0011-08 (MW-72)		Water			Sampled: 11/03/08 12:40					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 16:31	
BRK0011-09 (MW-73)		Water			Sampled: 11/03/08 13:20					
Lead	EPA 6020	0.00674	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 16:37	
BRK0011-10 (MW-90)		Water			Sampled: 11/03/08 13:45					
Lead	EPA 6020	0.00286	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 16:43	
BRK0011-11 (MW-91)		Water			Sampled: 11/03/08 14:20					
Lead	EPA 6020	0.101	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 16:49	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-12 (MW-92)		Water			Sampled: 11/03/08 11:30					
Lead	EPA 6020	0.00259	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 17:00	
BRK0011-13 (MW-93)		Water			Sampled: 11/03/08 13:05					
Lead	EPA 6020	0.00295	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 17:23	
BRK0011-14 (MW-206)		Water			Sampled: 11/03/08 10:30					
Lead	EPA 6020	0.0148	----	0.00100	mg/l	1x	8K05027	11/05/08 11:55	11/06/08 17:29	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-01 (SMW-4)		Water			Sampled: 11/03/08 12:20					P7
Lead	EPA 6020 - Diss	0.00888	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 18:01	
BRK0011-02 (SMW-5)		Water			Sampled: 11/03/08 10:45					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 18:07	
BRK0011-03 (MW-40)		Water			Sampled: 11/03/08 14:00					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 18:13	
BRK0011-04 (MW-50)		Water			Sampled: 11/03/08 12:57					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 18:19	
BRK0011-05 (MW-54)		Water			Sampled: 11/03/08 14:11					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 18:24	
BRK0011-06 (MW-56)		Water			Sampled: 11/03/08 11:58					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 18:30	
BRK0011-07 (MW-71)		Water			Sampled: 11/03/08 11:45					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 18:36	
BRK0011-08 (MW-72)		Water			Sampled: 11/03/08 12:40					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 18:59	
BRK0011-09 (MW-73)		Water			Sampled: 11/03/08 13:20					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 19:05	
BRK0011-10 (MW-90)		Water			Sampled: 11/03/08 13:45					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 19:11	
BRK0011-11 (MW-91)		Water			Sampled: 11/03/08 14:20					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 19:17	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-12 (MW-92)		Water			Sampled: 11/03/08 11:30					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 19:23	
BRK0011-13 (MW-93)		Water			Sampled: 11/03/08 13:05					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 19:28	
BRK0011-14 (MW-206)		Water			Sampled: 11/03/08 10:30					P7
Lead	EPA 6020 - Diss	0.00165	----	0.00100	mg/l	1x	8K05030	11/05/08 12:25	11/07/08 19:34	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 15:56
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-01 (SMW-4)		Water			Sampled: 11/03/08 12:20					
Methyl tert-butyl ether	EPA 8260B	ND	----	1.00	ug/l	1x	8K05036	11/05/08 13:30	11/06/08 00:38	
Toluene	"	6.95	----	0.500	"	"	"	"	"	
o-Xylene	"	1.62	----	1.00	"	"	"	"	"	
m,p-Xylene	"	22.8	----	2.00	"	"	"	"	"	
Xylenes (total)	"	24.4	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>112%</i>		<i>70 - 130 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>94.1%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
<i>4-BFB</i>			<i>98.4%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
BRK0011-01RE1 (SMW-4)		Water			Sampled: 11/03/08 12:20					
Benzene	EPA 8260B	1290	----	50.0	ug/l	100x	8K05036	11/05/08 13:30	11/05/08 21:17	
Ethylbenzene	"	1620	----	50.0	"	"	"	"	"	
Naphthalene	"	ND	----	500	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>90.4%</i>		<i>70 - 130 %</i>	<i>1x</i>				<i>"</i>
<i>Toluene-d8</i>			<i>95.4%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
<i>4-BFB</i>			<i>99.4%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
BRK0011-02 (SMW-5)		Water			Sampled: 11/03/08 10:45					
Benzene	EPA 8260B	6.00	----	0.500	ug/l	1x	8K05036	11/05/08 13:30	11/05/08 20:19	
Ethylbenzene	"	21.5	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	8.59	----	5.00	"	"	"	"	"	
Toluene	"	1.03	----	0.500	"	"	"	"	"	
o-Xylene	"	1.28	----	1.00	"	"	"	"	"	
m,p-Xylene	"	4.31	----	2.00	"	"	"	"	"	
Xylenes (total)	"	5.59	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>99.9%</i>		<i>70 - 130 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>97.8%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
<i>4-BFB</i>			<i>97.9%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 15:56
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-03 (MW-40)		Water				Sampled: 11/03/08 14:00				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05036	11/05/08 13:30	11/05/08 20:48	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			92.8%		70 - 130 %	"				"
<i>Toluene-d8</i>			96.1%		75 - 125 %	"				"
<i>4-BFB</i>			101%		75 - 125 %	"				"
BRK0011-04 (MW-50)		Water				Sampled: 11/03/08 12:57				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05036	11/05/08 13:30	11/05/08 23:12	
Ethylbenzene	"	3.69	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	1.08	----	1.00	"	"	"	"	"	
m,p-Xylene	"	3.76	----	2.00	"	"	"	"	"	
Xylenes (total)	"	4.84	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			93.0%		70 - 130 %	"				"
<i>Toluene-d8</i>			93.6%		75 - 125 %	"				"
<i>4-BFB</i>			97.5%		75 - 125 %	"				"
BRK0011-05 (MW-54)		Water				Sampled: 11/03/08 14:11				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05036	11/05/08 13:30	11/05/08 23:41	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			92.4%		70 - 130 %	"				"
<i>Toluene-d8</i>			96.8%		75 - 125 %	"				"
<i>4-BFB</i>			103%		75 - 125 %	"				"

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 15:56
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0011-06 (MW-56)		Water			Sampled: 11/03/08 11:58					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05036	11/05/08 13:30	11/06/08 00:09	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			94.4%		70 - 130 %	"				"
<i>Toluene-d8</i>			99.2%		75 - 125 %	"				"
<i>4-BFB</i>			103%		75 - 125 %	"				"

BRK0011-07 (MW-71)		Water			Sampled: 11/03/08 11:45					
Benzene	EPA 8260B	49.2	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 00:05	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	68.7	----	5.00	"	"	"	"	"	
Toluene	"	1.03	----	0.500	"	"	"	"	"	
o-Xylene	"	1.80	----	1.00	"	"	"	"	"	
m,p-Xylene	"	8.59	----	2.00	"	"	"	"	"	
Xylenes (total)	"	10.4	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			114%		70 - 130 %	"				"
<i>Toluene-d8</i>			114%		75 - 125 %	"				"
<i>4-BFB</i>			101%		75 - 125 %	"				"

BRK0011-07RE1 (MW-71)		Water			Sampled: 11/03/08 11:45					
Ethylbenzene	EPA 8260B	69.0	----	2.50	ug/l	5x	8K06010	11/06/08 08:00	11/06/08 12:36	
<i>Surrogate(s): 1,2-DCA-d4</i>			109%		70 - 130 %	1x				"
<i>Toluene-d8</i>			114%		75 - 125 %	"				"
<i>4-BFB</i>			94.4%		75 - 125 %	"				"

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	11/10/08 15:56

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-08 (MW-72)		Water			Sampled: 11/03/08 12:40					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 00:31	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>			<i>107%</i>		<i>70 - 130 %</i>				<i>"</i>
	<i>Toluene-d8</i>			<i>113%</i>		<i>75 - 125 %</i>				<i>"</i>
	<i>4-BFB</i>			<i>99.3%</i>		<i>75 - 125 %</i>				<i>"</i>
BRK0011-09 (MW-73)		Water			Sampled: 11/03/08 13:20					
Benzene	EPA 8260B	21.3	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 00:56	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	1.38	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>			<i>111%</i>		<i>70 - 130 %</i>				<i>"</i>
	<i>Toluene-d8</i>			<i>113%</i>		<i>75 - 125 %</i>				<i>"</i>
	<i>4-BFB</i>			<i>98.2%</i>		<i>75 - 125 %</i>				<i>"</i>
BRK0011-10 (MW-90)		Water			Sampled: 11/03/08 13:45					
Benzene	EPA 8260B	9.49	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 01:21	
Ethylbenzene	"	6.75	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	15.9	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	1.47	----	1.00	"	"	"	"	"	
m,p-Xylene	"	6.98	----	2.00	"	"	"	"	"	
Xylenes (total)	"	8.45	----	3.00	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>			<i>110%</i>		<i>70 - 130 %</i>				<i>"</i>
	<i>Toluene-d8</i>			<i>115%</i>		<i>75 - 125 %</i>				<i>"</i>
	<i>4-BFB</i>			<i>94.6%</i>		<i>75 - 125 %</i>				<i>"</i>

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 15:56
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-11 (MW-91)		Water			Sampled: 11/03/08 14:20					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 01:46	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				106%		70 - 130 %	"			"
<i>Toluene-d8</i>				114%		75 - 125 %	"			"
<i>4-BFB</i>				104%		75 - 125 %	"			"
BRK0011-12 (MW-92)		Water			Sampled: 11/03/08 11:30					
Benzene	EPA 8260B	56.5	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 02:12	
Ethylbenzene	"	6.40	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	6.84	----	5.00	"	"	"	"	"	
Toluene	"	4.87	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	6.06	----	2.00	"	"	"	"	"	
Xylenes (total)	"	6.06	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				110%		70 - 130 %	"			"
<i>Toluene-d8</i>				112%		75 - 125 %	"			"
<i>4-BFB</i>				102%		75 - 125 %	"			"
BRK0011-13 (MW-93)		Water			Sampled: 11/03/08 13:05					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 02:37	
Ethylbenzene	"	1.43	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				110%		70 - 130 %	"			"
<i>Toluene-d8</i>				116%		75 - 125 %	"			"
<i>4-BFB</i>				102%		75 - 125 %	"			"

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 15:56
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0011-14 (MW-206)		Water			Sampled: 11/03/08 10:30					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 03:02	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>		<i>108%</i>		<i>70 - 130 %</i>	<i>"</i>				<i>"</i>
	<i>Toluene-d8</i>		<i>113%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
	<i>4-BFB</i>		<i>100%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
BRK0011-15 (Trip Blank)		Water			Sampled: 11/03/08 12:00					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05036	11/05/08 13:30	11/05/08 16:57	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>		<i>105%</i>		<i>70 - 130 %</i>	<i>"</i>				<i>"</i>
	<i>Toluene-d8</i>		<i>98.3%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
	<i>4-BFB</i>		<i>99.4%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	-----------------------------------

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K04004 Water Preparation Method: EPA 5030B (P/T)

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K04004-BLK1)							Extracted: 11/04/08 08:27							
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	11/04/08 09:50	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 100%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/04/08 09:50</i>	
LCS (8K04004-BS1)							Extracted: 11/04/08 08:27							
Gasoline Range Hydrocarbons	NWTPH-Gx	905	---	50.0	ug/l	1x	--	1000	90.5%	(80-120)	--	--	11/04/08 10:22	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 105%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/04/08 10:22</i>	
Duplicate (8K04004-DUP1)							QC Source: BRK0010-01			Extracted: 11/04/08 08:27				
Gasoline Range Hydrocarbons	NWTPH-Gx	35900	---	1250	ug/l	25x	32700	--	--	--	9.26%	(25)	11/04/08 11:59	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 101%</i>		<i>Limits: 58-144%</i>		<i>1x</i>							<i>11/04/08 11:59</i>	
Duplicate (8K04004-DUP2)							QC Source: BRK0011-02			Extracted: 11/04/08 08:27				
Gasoline Range Hydrocarbons	NWTPH-Gx	2830	---	50.0	ug/l	1x	2890	--	--	--	2.09%	(25)	11/04/08 23:01	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 102%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/04/08 23:01</i>	
Matrix Spike (8K04004-MS1)							QC Source: BRK0011-03			Extracted: 11/04/08 08:27				
Gasoline Range Hydrocarbons	NWTPH-Gx	1400	---	50.0	ug/l	1x	350	1000	105%	(75-131)	--	--	11/04/08 14:26	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 118%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/04/08 14:26</i>	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	---------------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K04005 Water Preparation Method: EPA 3520C

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K04005-BLK1)										Extracted: 11/04/08 08:32				
Lube Oil	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	11/05/08 16:19	
Kerosene	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
Diesel Range Hydrocarbons	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>76.5%</i>	<i>Limits: 53-125%</i>		<i>"</i>							<i>11/05/08 16:19</i>	
<i>Octacosane</i>		<i>84.2%</i>		<i>68-125%</i>		<i>"</i>							<i>"</i>	

LCS (8K04005-BS1)										Extracted: 11/04/08 08:32				
Diesel Range Hydrocarbons	NWTPH-Dx	1.71	---	0.250	mg/l	1x	--	2.00	85.4%	(61-132)	--	--	11/05/08 16:41	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>76.9%</i>	<i>Limits: 53-125%</i>		<i>"</i>							<i>11/05/08 16:41</i>	
<i>Octacosane</i>		<i>88.7%</i>		<i>68-125%</i>		<i>"</i>							<i>"</i>	

LCS Dup (8K04005-BSD1)										Extracted: 11/04/08 08:32				
Diesel Range Hydrocarbons	NWTPH-Dx	1.82	---	0.250	mg/l	1x	--	2.00	91.1%	(61-132)	6.47% (35)	--	11/05/08 17:03	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>85.3%</i>	<i>Limits: 53-125%</i>		<i>"</i>							<i>11/05/08 17:03</i>	
<i>Octacosane</i>		<i>97.1%</i>		<i>68-125%</i>		<i>"</i>							<i>"</i>	

QC Batch: 8K06015 Water Preparation Method: EPA 3520C

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K06015-BLK1)										Extracted: 11/06/08 09:14				
Lube Oil	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	11/07/08 19:02	
Kerosene	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
Diesel Range Hydrocarbons	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>79.6%</i>	<i>Limits: 53-125%</i>		<i>"</i>							<i>11/07/08 19:02</i>	
<i>Octacosane</i>		<i>85.2%</i>		<i>68-125%</i>		<i>"</i>							<i>"</i>	

LCS (8K06015-BS1)										Extracted: 11/06/08 09:14				
Diesel Range Hydrocarbons	NWTPH-Dx	1.78	---	0.250	mg/l	1x	--	2.00	88.8%	(61-132)	--	--	11/07/08 19:24	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>84.6%</i>	<i>Limits: 53-125%</i>		<i>"</i>							<i>11/07/08 19:24</i>	
<i>Octacosane</i>		<i>89.6%</i>		<i>68-125%</i>		<i>"</i>							<i>"</i>	

LCS Dup (8K06015-BSD1)										Extracted: 11/06/08 09:14				
Diesel Range Hydrocarbons	NWTPH-Dx	1.79	---	0.250	mg/l	1x	--	2.00	89.5%	(61-132)	0.715% (35)	--	11/07/08 19:46	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>84.6%</i>	<i>Limits: 53-125%</i>		<i>"</i>							<i>11/07/08 19:46</i>	
<i>Octacosane</i>		<i>92.5%</i>		<i>68-125%</i>		<i>"</i>							<i>"</i>	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05027 Water Preparation Method: EPA 3020A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K05027-BLK1)								Extracted: 11/05/08 11:55						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/06/08 14:52	
LCS (8K05027-BS1)								Extracted: 11/05/08 11:55						
Lead	EPA 6020	0.0736	---	0.00100	mg/l	1x	--	0.0800	92.0%	(80-120)	--	--	11/06/08 14:58	
Duplicate (8K05027-DUP1)				QC Source: BRK0019-01				Extracted: 11/05/08 11:55						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	ND	--	--	--	4.38% (20)	--	11/06/08 15:16	
Matrix Spike (8K05027-MS1)				QC Source: BRK0019-01				Extracted: 11/05/08 11:55						
Lead	EPA 6020	0.0761	---	0.00100	mg/l	1x	0.000700	0.0800	94.2%	(75-125)	--	--	11/06/08 15:10	
Post Spike (8K05027-PS1)				QC Source: BRK0019-01				Extracted: 11/05/08 11:55						
Lead	EPA 6020	0.0986	---		ug/ml	1x	0.000700	0.100	97.4%	(80-120)	--	--	11/06/08 15:04	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05030 Water Preparation Method: EPA 3005A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K05030-BLK1)										Extracted: 11/05/08 12:25				
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/07/08 16:57	
LCS (8K05030-BS1)										Extracted: 11/05/08 12:25				
Lead	EPA 6020 - Diss	0.226	---	0.00100	mg/l	1x	--	0.200	113%	(80-120)	--	--	11/07/08 17:03	
Duplicate (8K05030-DUP1)										QC Source: BRJ0423-01 Extracted: 11/05/08 12:25				
Lead	EPA 6020 - Diss	0.00102	---	0.00100	mg/l	1x	ND	--	--	--	(20)	--	11/07/08 17:15	
Matrix Spike (8K05030-MS1)										QC Source: BRJ0423-01 Extracted: 11/05/08 12:25				
Lead	EPA 6020 - Diss	0.0941	---	0.00100	mg/l	1x	ND	0.100	93.6%	(75-125)	--	--	11/07/08 17:09	

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 15:56
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05036 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
Blank (8K05036-BLK1)													Extracted: 11/05/08 13:30			
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/05/08 16:00			
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"			
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"			
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 92.6%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 16:00</i>
<i>Toluene-d8</i>													<i>96.3%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>101%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

LCS (8K05036-BS1)													Extracted: 11/05/08 13:30			
Benzene	EPA 8260B	34.3	---	0.500	ug/l	1x	--	40.0	85.7%	(80-120)	--	--	11/05/08 13:54			
Ethylbenzene	"	36.8	---	0.500	"	"	--	"	92.0%	(75-125)	--	--	"			
Methyl tert-butyl ether	"	37.2	---	1.00	"	"	--	"	93.0%	(75-126)	--	--	"			
Naphthalene	"	36.3	---	5.00	"	"	--	"	90.7%	(65-144)	--	--	"			
Toluene	"	34.6	---	0.500	"	"	--	"	86.5%	(75-125)	--	--	"			
o-Xylene	"	36.8	---	1.00	"	"	--	"	92.0%	(75-130)	--	--	"			
m,p-Xylene	"	74.2	---	2.00	"	"	--	80.0	92.7%	(75-125)	--	--	"			
Xylenes (total)	"	111	---	3.00	"	"	--	120	92.5%	"	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 99.4%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 13:54</i>
<i>Toluene-d8</i>													<i>96.0%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>97.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

Matrix Spike (8K05036-MS1)													QC Source: BRK0011-03		Extracted: 11/05/08 13:30	
Benzene	EPA 8260B	36.1	---	0.500	ug/l	1x	ND	40.0	90.3%	(80-124)	--	--	11/05/08 14:23			
Ethylbenzene	"	38.4	---	0.500	"	"	ND	"	95.9%	(62-151)	--	--	"			
Methyl tert-butyl ether	"	38.7	---	1.00	"	"	ND	"	96.8%	(75-126)	--	--	"			
Naphthalene	"	40.9	---	5.00	"	"	ND	"	102%	(59-182)	--	--	"			
Toluene	"	35.7	---	0.500	"	"	0.360	"	88.3%	(75-125)	--	--	"			
o-Xylene	"	37.5	---	1.00	"	"	ND	"	93.8%	(75-130)	--	--	"			
m,p-Xylene	"	75.0	---	2.00	"	"	0.510	80.0	93.1%	(75-135)	--	--	"			
Xylenes (total)	"	113	---	3.00	"	"	0.510	120	93.4%	(60-140)	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 98.6%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 14:23</i>
<i>Toluene-d8</i>													<i>92.4%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>98.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 15:56
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05036 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (8K05036-MSD1)			QC Source: BRK0011-03				Extracted: 11/05/08 13:30							
Benzene	EPA 8260B	35.3	---	0.500	ug/l	1x	ND	40.0	88.2%	(80-124)	2.41% (30)		11/05/08 14:52	
Ethylbenzene	"	37.1	---	0.500	"	"	ND	"	92.8%	(62-151)	3.28%	"	"	
Methyl tert-butyl ether	"	37.7	---	1.00	"	"	ND	"	94.3%	(75-126)	2.54%	"	"	
Naphthalene	"	42.7	---	5.00	"	"	ND	"	107%	(59-182)	4.14%	"	"	
Toluene	"	35.8	---	0.500	"	"	0.360	"	88.7%	(75-125)	0.447%	"	"	
o-Xylene	"	36.9	---	1.00	"	"	ND	"	92.2%	(75-130)	1.69%	"	"	
m,p-Xylene	"	72.8	---	2.00	"	"	0.510	80.0	90.3%	(75-135)	3.03%	"	"	
Xylenes (total)	"	110	---	3.00	"	"	0.510	120	91.0%	(60-140)	2.58%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>96.8%</i>	<i>Limits: 70-130%</i>								<i>11/05/08 14:52</i>		
<i>Toluene-d8</i>			<i>92.9%</i>	<i>75-125%</i>								<i>"</i>		
<i>4-BFB</i>			<i>98.4%</i>	<i>75-125%</i>								<i>"</i>		

QC Batch: 8K05051 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K05051-BLK1)							Extracted: 11/05/08 19:18							
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/05/08 22:50	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>113%</i>	<i>Limits: 70-130%</i>								<i>11/05/08 22:50</i>		
<i>Toluene-d8</i>			<i>112%</i>	<i>75-125%</i>								<i>"</i>		
<i>4-BFB</i>			<i>101%</i>	<i>75-125%</i>								<i>"</i>		

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8K05051-BS1)							Extracted: 11/05/08 19:18							
Benzene	EPA 8260B	37.2	---	0.500	ug/l	1x	--	40.0	93.0%	(80-120)	--	--	11/05/08 20:51	
Ethylbenzene	"	39.9	---	0.500	"	"	--	"	99.7%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	32.3	---	1.00	"	"	--	"	80.8%	(75-126)	--	--	"	
Naphthalene	"	40.7	---	5.00	"	"	--	"	102%	(65-144)	--	--	"	
Toluene	"	41.3	---	0.500	"	"	--	"	103%	(75-125)	--	--	"	
o-Xylene	"	41.1	---	1.00	"	"	--	"	103%	(75-130)	--	--	"	
m,p-Xylene	"	76.3	---	2.00	"	"	--	80.0	95.3%	(75-125)	--	--	"	
Xylenes (total)	"	117	---	3.00	"	"	--	120	97.8%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>106%</i>	<i>Limits: 70-130%</i>								<i>11/05/08 20:51</i>		

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/10/08 15:56
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05051 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	---------------	-----------	-------	----------	-------	----------	----------	-------

LCS (8K05051-BS1) Extracted: 11/05/08 19:18

Surrogate(s): Toluene-d8	Recovery: 108%	Limits: 75-125%	Ix	11/05/08 20:51
4-BFB	99.0%	75-125%	"	"

Matrix Spike (8K05051-MS1) QC Source: BRK0010-04RE1 Extracted: 11/05/08 19:18

Benzene	EPA 8260B	43.7	---	0.500	ug/l	1x	ND	40.0	109%	(80-124)	--	--	11/05/08 21:16	
Ethylbenzene	"	51.8	---	0.500	"	"	ND	"	129%	(62-151)	--	--	"	
Methyl tert-butyl ether	"	38.5	---	1.00	"	"	ND	"	96.3%	(75-126)	--	--	"	
Naphthalene	"	58.2	---	5.00	"	"	10.1	"	120%	(59-182)	--	--	"	
Toluene	"	50.5	---	0.500	"	"	ND	"	126%	(75-125)	--	--	"	M7
o-Xylene	"	49.5	---	1.00	"	"	ND	"	124%	(75-130)	--	--	"	
m,p-Xylene	"	93.4	---	2.00	"	"	1.04	80.0	115%	(75-135)	--	--	"	
Xylenes (total)	"	143	---	3.00	"	"	1.04	120	118%	(60-140)	--	--	"	

Surrogate(s): 1,2-DCA-d4	Recovery: 107%	Limits: 70-130%	"	11/05/08 21:16
Toluene-d8	113%	75-125%	"	"
4-BFB	101%	75-125%	"	"

Matrix Spike Dup (8K05051-MSD1) QC Source: BRK0010-04RE1 Extracted: 11/05/08 19:18

Benzene	EPA 8260B	37.5	---	0.500	ug/l	1x	ND	40.0	93.7%	(80-124)	15.3% (30)		11/05/08 21:42	
Ethylbenzene	"	44.0	---	0.500	"	"	ND	"	110%	(62-151)	16.4%	"	"	
Methyl tert-butyl ether	"	34.0	---	1.00	"	"	ND	"	84.9%	(75-126)	12.6%	"	"	
Naphthalene	"	52.0	---	5.00	"	"	10.1	"	105%	(59-182)	11.3%	"	"	
Toluene	"	45.2	---	0.500	"	"	ND	"	113%	(75-125)	11.2%	"	"	
o-Xylene	"	44.0	---	1.00	"	"	ND	"	110%	(75-130)	11.8%	"	"	
m,p-Xylene	"	84.0	---	2.00	"	"	1.04	80.0	104%	(75-135)	10.5%	"	"	
Xylenes (total)	"	128	---	3.00	"	"	1.04	120	106%	(60-140)	10.9%	"	"	

Surrogate(s): 1,2-DCA-d4	Recovery: 109%	Limits: 70-130%	"	11/05/08 21:42
Toluene-d8	115%	75-125%	"	"
4-BFB	100%	75-125%	"	"

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	-----------------------------------

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K06010 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K06010-BLK1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/06/08 09:51	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>106%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 09:51</i>	
<i>Toluene-d8</i>		<i>114%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>104%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		

LCS (8K06010-BS1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	36.8	---	0.500	ug/l	1x	--	40.0	91.9%	(80-120)	--	--	11/06/08 08:59	
Ethylbenzene	"	41.6	---	0.500	"	"	--	"	104%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	32.5	---	1.00	"	"	--	"	81.2%	(75-126)	--	--	"	C4
Naphthalene	"	40.2	---	5.00	"	"	--	"	100%	(65-144)	--	--	"	
Toluene	"	41.6	---	0.500	"	"	--	"	104%	(75-125)	--	--	"	
o-Xylene	"	41.8	---	1.00	"	"	--	"	104%	(75-130)	--	--	"	
m,p-Xylene	"	77.9	---	2.00	"	"	--	80.0	97.4%	(75-125)	--	--	"	
Xylenes (total)	"	120	---	3.00	"	"	--	120	99.8%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>102%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 08:59</i>	
<i>Toluene-d8</i>		<i>112%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>100%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		

LCS Dup (8K06010-BSD1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	33.8	---	0.500	ug/l	1x	--	40.0	84.5%	(80-120)	8.42%	(20)	11/06/08 10:22	
Ethylbenzene	"	37.7	---	0.500	"	"	--	"	94.2%	(75-125)	9.89%	"	"	
Methyl tert-butyl ether	"	32.0	---	1.00	"	"	--	"	79.9%	(75-126)	1.55%	"	"	C4
Naphthalene	"	37.7	---	5.00	"	"	--	"	94.2%	(65-144)	6.39%	"	"	
Toluene	"	37.9	---	0.500	"	"	--	"	94.7%	(75-125)	9.31%	"	"	
o-Xylene	"	39.5	---	1.00	"	"	--	"	98.7%	(75-130)	5.68%	"	"	
m,p-Xylene	"	72.9	---	2.00	"	"	--	80.0	91.1%	(75-125)	6.67%	"	"	
Xylenes (total)	"	112	---	3.00	"	"	--	120	93.6%	"	6.33%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>102%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 10:22</i>	
<i>Toluene-d8</i>		<i>112%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>100%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		

TestAmerica Seattle

Heather Prater

Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/10/08 15:56
---	---	--

CERTIFICATION SUMMARY

TestAmerica Seattle

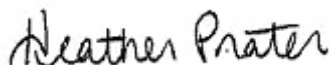
Method	Matrix	Nelac	Washington
EPA 6020 - Diss	Water	X	X
EPA 6020	Water	X	X
EPA 8260B	Water	X	X
NWTPH-Dx	Water		X
NWTPH-Gx	Water		X

Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .

TestAmerica Seattle



Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	ConocoPhillips Westlake	Report Created:
	Project Number:	01CP.01396.44	11/10/08 15:56
	Project Manager:	Jennifer Yotz	

Notes and Definitions

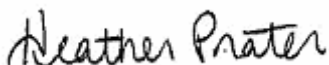
Report Specific Notes:

- A-01 - Analyte not detected.
- A-01a - Analyte recovery greater than 10X the recovery found in the calibration blank.
- B3 - Target analyte detected in calibration blank at or above the method reporting limit.
- C4 - Calibration Verification recovery was below the method control limit for this analyte.
- M7 - The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- P7 - Sample filtered in lab.
- Q5 - Results in the diesel organics range are primarily due to overlap from a gasoline range product.
- Q6 - Results in the diesel organics range are primarily due to overlap from a heavy oil range product.

Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA - Not Reported / Not Available
- dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle



Heather Prater For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
 11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: **BRK0011**

CLIENT: STANTEC		INVOICE TO: SAME		TURNAROUND REQUEST in Business Days * Organic & Inorganic Analyses <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. Petroleum Hydrocarbon Analyses <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. <input type="checkbox"/> OTHER Specify: * Turnaround Requests less than standard may incur Rush Charges.								
REPORT TO: JEN YOTZ ADDRESS: 12034 134TH CT NE		P.O. NUMBER:										
PHONE: 372.16000 FAX: 372.16500		PROJECT NAME: WESTLAKE		PRESERVATIVE REQUESTED ANALYSES TPH-GW TPH-DY KEROSENE BTEX NAPHTHALENE TOTAL LEAD DISS. LEAD								
PROJECT NUMBER: 01CP. 01396 44		SAMPLED BY:										
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	TPH-GW	TPH-DY	KEROSENE	BTEX	NAPHTHALENE	TOTAL LEAD	DISS. LEAD	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1. SMW-4	11-03-08/12:20	X	X	X	X	X	X	X				-01
2. SMW-5	11-03-08/1045	X	X	X	X	X	X	X				-02
3. MW-40	11-03-08/1400	X	X	X	X	X	X	X				-03
4. MW-50	11-03-08/1257	X	X	X	X	X	X	X				-04
5. MW-54	11-03-08/1411	X	X	X	X	X	X	X				-05
6. MW-56	11-03-08/1150	X	X	X	X	X	X	X				-04
7. MW-71	11-03-08/1145	X	X	X	X	X	X	X				-07
8. MW-72	11-03-08/1240	X	X	X	X	X	X	X				-08
9. MW-73	11-03-08/1320	X	X	X	X	X	X	X				-09
10. MW-90	11-03-08/1345	X	X	X	X	X	X	X				-10
RELEASED BY: [Signature]		FIRM: STANTEC		DATE: 03-03-08		TIME: 1450		RECEIVED BY: [Signature]		FIRM: TH-SEA		DATE: 11/3/08
PRINT NAME: [Signature]		FIRM: STANTEC		DATE: 03-03-08		TIME: 1450		PRINT NAME: Francisco Luna, Jr		FIRM: TH-SEA		TIME: 1455
RELEASED BY:		FIRM:		DATE:		TIME:		RECEIVED BY:		FIRM:		DATE:
PRINT NAME:		FIRM:		DATE:		TIME:		PRINT NAME:		FIRM:		TIME:
ADDITIONAL REMARKS:										@ Lab 1545 w/o 13.0°C		PAGE OF

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BR K0011

CLIENT: SPANTEC		INVOICE TO: SPANG		PRESERVATIVE		REQUESTED ANALYSES		TURNAROUND REQUEST						
REPORT TO: JEN YOTZ		ADDRESS: 12034 134th Ct NE		P.O. NUMBER:		REORGANIZATION		MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID	in Business Days *		
PHONE: 372-16000 FAX: 372-16500		PROJECT NAME: WESTLAKE		PHOSPHORUS	AMMONIUM	AMMONIA	PHOSPHORUS					7	8	
PROJECT NUMBER: 0196.414		THIOPHENE	THIOPHENE	THIOPHENE	THIOPHENE	THIOPHENE	THIOPHENE					9	10	
SAMPLED BY:		SAMPLING DATE/TIME	THIOPHENE	THIOPHENE	THIOPHENE	THIOPHENE	THIOPHENE					11	12	
1 MW-90		11-03-08/1345	X	X	X	X	X					13	14	
2 MW-91		11-03-08/1420	X	X	X	X	X					15	<1	
3 MW-92		11-03-08/1130	X	X	X	X	X						<1	
4 MW-93		11-03-08/1305	X	X	X	X	X							
5 MW-206		11-03-08/1030	X	X	X	X	X							
6 Trip Blank		11-03-08/17:00												
7														
8														
9														
10														
RECEIVED BY: SPANTEL		DATE: 11-03-08	DATE: 11-03-08		DATE: 11-03-08		DATE: 11-03-08		DATE: 11-03-08		DATE: 11-03-08		DATE: 11-03-08	
PRINT NAME: SPANTEL		TIME: 1450	TIME: 1450		TIME: 1450		TIME: 1450		TIME: 1450		TIME: 1450		TIME: 1450	
RECEIVED BY: Francisco Lung, Jr.		DATE:	DATE:		DATE:		DATE:		DATE:		DATE:		DATE:	
PRINT NAME: Francisco Lung, Jr.		TIME:	TIME:		TIME:		TIME:		TIME:		TIME:		TIME:	
FIRM: SPANTEC		FIRM:	FIRM:		FIRM:		FIRM:		FIRM:		FIRM:		FIRM:	
ADDITIONAL REMARKS:		TEMP: 13.0°C												

TAT: _____

Paperwork to PM - Date: _____ Time: _____

Non-Conformances?

Page Time & Initials: 1550 FL.

Short Hold

Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Cooler ID: 393, 209, 310, 341, 340

Received By: _____
(applies to temp at receipt)

Logged-in By: _____

Unpacked/Labeled By: _____

Cooler ID: _____

Date: 11/3/08

Date: 11-3-08

Date: 11/11

Work Order No. BRK0011

Time: 1545

Time: 1730

Time: 11:30

Client: _____

Initials: FL.

Initials: FL

Initials: FL

Project: _____

Container Type:

COC Seals:

Packing Material _____

Cooler

____ Ship Container

____ Sign By

Bubble Bags

____ Styrofoam

____ Box

____ On Bottles

____ Date

____ Foam Packs

____ None/Other _____

None

____ None/Other _____

Refrigerant:

Received Via: Bill# _____

____ Gel Ice Pack _____

____ Fed Ex _____ Client

Loose Ice _____

____ UPS TA Courier

____ None/Other _____

____ DHL _____ Mid Valley

____ Senvoy _____ TDP

____ GS _____ Other _____

Cooler Temperature (IR): 12.0 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)

Temperature Blank? 13.0 or NA

Trip Blank? or N or NA

BP, OPLC, ARCO-Temperature monitoring every 15 minutes:

(initial/date/time): _____

Comments: _____

Sample Containers:

Intact?

Y or N

ID

MTC dropped in lab by SC Metals Preserved?

Y or N or NA 2.0

Provided by TA?

Y or N

Client QAPP Preserved?

Y or N or NA

Correct Type?

Y or N

not listed Adequate Volume? (for tests requested)

Y or N

#Containers match COC?

Y or N

N/A Water VOAs: Headspace?

Y or N or NA

IDs/time/date match COC?

Y or N

Comments:

Hold Times in hold?

Y or N

13C - not listed in work order.
Client wrote MW-90 twice, only logged in once.

PROJECT MANAGEMENT

Is the Chain of Custody complete?

Y or N (if N, circle the items that were incomplete)

Comments, Problems _____

Total access set up?

Y or N

Has client been contacted regarding non-conformances?

Y or N

If Y, _____ Date _____ Time _____

PM Initials: _____ Date: _____ Time: _____

November 13, 2008

Jennifer Yotz
Stantec
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)
Redmond, WA/USA 98073

RE: ConocoPhillips Westlake

Enclosed are the results of analyses for samples received by the laboratory on 11/04/08 15:45.
The following list is a summary of the Work Orders contained in this report, generated on 11/13/08
18:07.

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

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
BRK0023	ConocoPhillips Westlake	01CP.01396.44

TestAmerica Seattle

Kate Haney

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

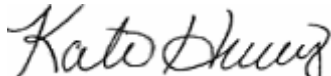


Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	ConocoPhillips Westlake	Report Created:
	Project Number:	01CP.01396.44	11/13/08 18:07
	Project Manager:	Jennifer Yotz	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-38	BRK0023-01	Water	11/04/08 12:40	11/04/08 15:45
MW-41	BRK0023-02	Water	11/04/08 09:40	11/04/08 15:45
MW-44	BRK0023-03	Water	11/04/08 11:55	11/04/08 15:45
MW-80	BRK0023-04	Water	11/04/08 11:30	11/04/08 15:45
MW-81	BRK0023-05	Water	11/04/08 12:00	11/04/08 15:45
MW-82	BRK0023-06	Water	11/04/08 09:35	11/04/08 15:45
MW-86	BRK0023-07	Water	11/04/08 12:35	11/04/08 15:45
MW-87	BRK0023-08	Water	11/04/08 13:30	11/04/08 15:45
MW-89	BRK0023-09	Water	11/04/08 10:20	11/04/08 15:45
MW-95	BRK0023-10	Water	11/04/08 10:45	11/04/08 15:45
MW-102	BRK0023-11	Water	11/04/08 08:55	11/04/08 15:45
MW-203	BRK0023-12	Water	11/04/08 13:20	11/04/08 15:45
SMW-3	BRK0023-13	Water	11/04/08 13:45	11/04/08 15:45
MW-51	BRK0023-14	Water	11/04/08 09:52	11/04/08 15:45
MW-53	BRK0023-15	Water	11/04/08 13:27	11/04/08 15:45
MW-58	BRK0023-16	Water	11/04/08 14:26	11/04/08 15:45
TB	BRK0023-17	Water	11/04/08 15:00	11/04/08 15:45

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Analytical Case Narrative
TestAmerica - Seattle, WA

BRK0023

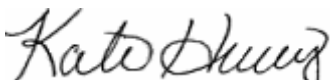
SAMPLE RECEIPT

The samples were received November 4th, 2008 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 11.4 degrees Celsius which is outside the recommended temperature range of 2-6 Degrees Celsius. The samples are considered acceptable as they were recieved on-ice within four hours of the collection of the last sampled time on the COC.

PREPARATIONS AND ANALYSIS

No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

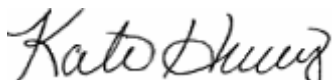


Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 18:07
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Petroleum Products by NWTPH-Gx
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-01 (MW-38)		Water			Sampled: 11/04/08 12:40					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 13:53	
Surrogate(s): 4-BFB (FID)			98.1%		58 - 144 %	"				"
BRK0023-02 (MW-41)		Water			Sampled: 11/04/08 09:40					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 14:58	
Surrogate(s): 4-BFB (FID)			101%		58 - 144 %	"				"
BRK0023-03 (MW-44)		Water			Sampled: 11/04/08 11:55					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 16:03	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"				"
BRK0023-04 (MW-80)		Water			Sampled: 11/04/08 11:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 16:35	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"				"
BRK0023-05 (MW-81)		Water			Sampled: 11/04/08 12:00					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 17:08	
Surrogate(s): 4-BFB (FID)			100%		58 - 144 %	"				"
BRK0023-06 (MW-82)		Water			Sampled: 11/04/08 09:35					
Gasoline Range Hydrocarbons	NWTPH-Gx	20900	----	1000	ug/l	20x	8K05020	11/05/08 10:34	11/06/08 10:11	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	1x				"
BRK0023-07 (MW-86)		Water			Sampled: 11/04/08 12:35					
Gasoline Range Hydrocarbons	NWTPH-Gx	2430	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 19:49	
Surrogate(s): 4-BFB (FID)			125%		58 - 144 %	"				"
BRK0023-08 (MW-87)		Water			Sampled: 11/04/08 13:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 08:34	
Surrogate(s): 4-BFB (FID)			100%		58 - 144 %	"				"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	---------------------------------------

Volatile Petroleum Products by NWTPH-Gx
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-09 (MW-89)		Water			Sampled: 11/04/08 10:20					
Gasoline Range Hydrocarbons	NWTPH-Gx	4590	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 20:54	
Surrogate(s): 4-BFB (FID)			100%		58 - 144 %	"				"
BRK0023-10 (MW-95)		Water			Sampled: 11/04/08 10:45					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 08:02	
Surrogate(s): 4-BFB (FID)			100%		58 - 144 %	"				"
BRK0023-11 (MW-102)		Water			Sampled: 11/04/08 08:55					
Gasoline Range Hydrocarbons	NWTPH-Gx	8720	----	250	ug/l	5x	8K05020	11/05/08 10:34	11/06/08 09:38	
Surrogate(s): 4-BFB (FID)			101%		58 - 144 %	1x				"
BRK0023-12 (MW-203)		Water			Sampled: 11/04/08 13:20					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 07:30	
Surrogate(s): 4-BFB (FID)			99.7%		58 - 144 %	"				"
BRK0023-13 (SMW-3)		Water			Sampled: 11/04/08 13:45					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 23:02	
Surrogate(s): 4-BFB (FID)			99.2%		58 - 144 %	"				"
BRK0023-14 (MW-51)		Water			Sampled: 11/04/08 09:52					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 23:34	
Surrogate(s): 4-BFB (FID)			99.0%		58 - 144 %	"				"
BRK0023-15 (MW-53)		Water			Sampled: 11/04/08 13:27					
Gasoline Range Hydrocarbons	NWTPH-Gx	117	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 00:06	
Surrogate(s): 4-BFB (FID)			97.5%		58 - 144 %	"				"
BRK0023-16 (MW-58)		Water			Sampled: 11/04/08 14:26					
Gasoline Range Hydrocarbons	NWTPH-Gx	1310	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 02:14	
Surrogate(s): 4-BFB (FID)			99.4%		58 - 144 %	"				"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Volatile Petroleum Products by NWTPH-Gx
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-17 (TB)		Water			Sampled: 11/04/08 15:00					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 01:42	
<i>Surrogate(s): 4-BFB (FID)</i>			98.3%		58 - 144 %	"				"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-01 (MW-38)		Water			Sampled: 11/04/08 12:40					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 15:18	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				79.1%		53 - 125 %	"			"
<i>Octacosane</i>				88.9%		68 - 125 %	"			"
BRK0023-02 (MW-41)		Water			Sampled: 11/04/08 09:40					
Lube Oil	NWTPH-Dx	ND	----	0.490	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 13:58	
Kerosene	"	ND	----	0.245	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.245	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				76.4%		53 - 125 %	"			"
<i>Octacosane</i>				83.8%		68 - 125 %	"			"
BRK0023-03 (MW-44)		Water			Sampled: 11/04/08 11:55					
Lube Oil	NWTPH-Dx	ND	----	0.495	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 16:03	
Kerosene	"	ND	----	0.248	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.248	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				79.8%		53 - 125 %	"			"
<i>Octacosane</i>				87.5%		68 - 125 %	"			"
BRK0023-04 (MW-80)		Water			Sampled: 11/04/08 11:30					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 16:25	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				77.3%		53 - 125 %	"			"
<i>Octacosane</i>				82.7%		68 - 125 %	"			"
BRK0023-05 (MW-81)		Water			Sampled: 11/04/08 12:00					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 16:48	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				66.4%		53 - 125 %	"			"
<i>Octacosane</i>				75.1%		68 - 125 %	"			"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-06 (MW-82)		Water				Sampled: 11/04/08 09:35				
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 17:10	
Kerosene	"	3.37	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				78.5%		53 - 125 %	"			"
<i>Octacosane</i>				85.5%		68 - 125 %	"			"
BRK0023-07 (MW-86)		Water				Sampled: 11/04/08 12:35				
Lube Oil	NWTPH-Dx	ND	----	0.490	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 17:32	
Kerosene	"	0.545	----	0.245	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.245	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				78.7%		53 - 125 %	"			"
<i>Octacosane</i>				84.7%		68 - 125 %	"			"
BRK0023-08 (MW-87)		Water				Sampled: 11/04/08 13:30				
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 08:21	
Kerosene	"	ND	----	0.243	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				79.3%		53 - 125 %	"			"
<i>Octacosane</i>				86.2%		68 - 125 %	"			"
BRK0023-09 (MW-89)		Water				Sampled: 11/04/08 10:20				
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 08:44	
Kerosene	"	1.61	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				77.8%		53 - 125 %	"			"
<i>Octacosane</i>				87.5%		68 - 125 %	"			"
BRK0023-10 (MW-95)		Water				Sampled: 11/04/08 10:45				
Lube Oil	NWTPH-Dx	ND	----	0.495	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 09:06	
Kerosene	"	ND	----	0.248	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.248	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				72.7%		53 - 125 %	"			"
<i>Octacosane</i>				78.6%		68 - 125 %	"			"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-11 (MW-102)		Water			Sampled: 11/04/08 08:55					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 09:28	
Kerosene	"	2.92	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	0.497	----	0.236	"	"	"	"	"	Q5
<i>Surrogate(s): 2-FBP</i>				76.4%						
<i>Octacosane</i>				84.4%						
BRK0023-12 (MW-203)		Water			Sampled: 11/04/08 13:20					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 13:12	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				73.2%						
<i>Octacosane</i>				86.7%						
BRK0023-13 (SMW-3)		Water			Sampled: 11/04/08 13:45					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 10:13	
Kerosene	"	ND	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				70.4%						
<i>Octacosane</i>				81.2%						
BRK0023-14 (MW-51)		Water			Sampled: 11/04/08 09:52					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 10:36	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				74.7%						
<i>Octacosane</i>				83.0%						
BRK0023-15 (MW-53)		Water			Sampled: 11/04/08 13:27					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 10:58	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				65.6%						
<i>Octacosane</i>				74.6%						

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-16 (MW-58)		Water			Sampled: 11/04/08 14:26					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 11:20	
Kerosene	"	0.335	----	0.236	"	"	"	"	"	"
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	"
<i>Surrogate(s): 2-FBP</i>				78.9%		53 - 125 %	"			"
<i>Octacosane</i>				85.0%		68 - 125 %	"			"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-01 (MW-38)		Water			Sampled: 11/04/08 12:40					
Lead	EPA 6020	0.00599	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 09:39	
BRK0023-02 (MW-41)		Water			Sampled: 11/04/08 09:40					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 09:44	
BRK0023-03 (MW-44)		Water			Sampled: 11/04/08 11:55					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 09:50	
BRK0023-04 (MW-80)		Water			Sampled: 11/04/08 11:30					
Lead	EPA 6020	0.00366	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 09:56	
BRK0023-05 (MW-81)		Water			Sampled: 11/04/08 12:00					
Lead	EPA 6020	0.00790	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:02	
BRK0023-06 (MW-82)		Water			Sampled: 11/04/08 09:35					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:08	
BRK0023-07 (MW-86)		Water			Sampled: 11/04/08 12:35					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:13	
BRK0023-08 (MW-87)		Water			Sampled: 11/04/08 13:30					
Lead	EPA 6020	0.00146	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:19	
BRK0023-09 (MW-89)		Water			Sampled: 11/04/08 10:20					
Lead	EPA 6020	0.0164	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:25	
BRK0023-10 (MW-95)		Water			Sampled: 11/04/08 10:45					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:31	
BRK0023-11 (MW-102)		Water			Sampled: 11/04/08 08:55					
Lead	EPA 6020	0.0192	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:54	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-12 (MW-203)		Water			Sampled: 11/04/08 13:20					
Lead	EPA 6020	0.272	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 11:00	
BRK0023-13 (SMW-3)		Water			Sampled: 11/04/08 13:45					
Lead	EPA 6020	0.00588	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 11:05	
BRK0023-14 (MW-51)		Water			Sampled: 11/04/08 09:52					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 11:11	
BRK0023-15 (MW-53)		Water			Sampled: 11/04/08 13:27					
Lead	EPA 6020	0.135	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 11:17	
BRK0023-16 (MW-58)		Water			Sampled: 11/04/08 14:26					
Lead	EPA 6020	0.00347	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 11:28	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-01 (MW-38)		Water			Sampled: 11/04/08 12:40					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 19:33	
BRK0023-02 (MW-41)		Water			Sampled: 11/04/08 09:40					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 19:56	
BRK0023-03 (MW-44)		Water			Sampled: 11/04/08 11:55					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:02	
BRK0023-04 (MW-80)		Water			Sampled: 11/04/08 11:30					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:08	
BRK0023-05 (MW-81)		Water			Sampled: 11/04/08 12:00					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:13	
BRK0023-06 (MW-82)		Water			Sampled: 11/04/08 09:35					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:19	
BRK0023-07 (MW-86)		Water			Sampled: 11/04/08 12:35					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:25	
BRK0023-08 (MW-87)		Water			Sampled: 11/04/08 13:30					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:31	
BRK0023-09 (MW-89)		Water			Sampled: 11/04/08 10:20					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:37	
BRK0023-10 (MW-95)		Water			Sampled: 11/04/08 10:45					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:42	
BRK0023-11 (MW-102)		Water			Sampled: 11/04/08 08:55					P7
Lead	EPA 6020 - Diss	0.00136	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:48	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
BRK0023-12 (MW-203)		Water			Sampled: 11/04/08 13:20						P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 21:23		
BRK0023-13 (SMW-3)		Water			Sampled: 11/04/08 13:45						P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 21:29		
BRK0023-14 (MW-51)		Water			Sampled: 11/04/08 09:52						P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 21:35		
BRK0023-15 (MW-53)		Water			Sampled: 11/04/08 13:27						P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 21:41		
BRK0023-16 (MW-58)		Water			Sampled: 11/04/08 14:26						P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 21:46		

TestAmerica Seattle

Kate Haney

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	---------------------------------------

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0023-01 (MW-38)		Water			Sampled: 11/04/08 12:40					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 03:28	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				108%		70 - 130 %	"			"
<i>Toluene-d8</i>				118%		75 - 125 %	"			"
<i>4-BFB</i>				103%		75 - 125 %	"			"

BRK0023-02 (MW-41)		Water			Sampled: 11/04/08 09:40					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 03:53	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				109%		70 - 130 %	"			"
<i>Toluene-d8</i>				114%		75 - 125 %	"			"
<i>4-BFB</i>				104%		75 - 125 %	"			"

BRK0023-03 (MW-44)		Water			Sampled: 11/04/08 11:55					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 04:18	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				108%		70 - 130 %	"			"
<i>Toluene-d8</i>				113%		75 - 125 %	"			"
<i>4-BFB</i>				103%		75 - 125 %	"			"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	11/13/08 18:07

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-04 (MW-80)		Water			Sampled: 11/04/08 11:30					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 04:43	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>108%</i>		<i>70 - 130 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>115%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
<i>4-BFB</i>			<i>103%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
BRK0023-05 (MW-81)		Water			Sampled: 11/04/08 12:00					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 05:09	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>108%</i>		<i>70 - 130 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>115%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
<i>4-BFB</i>			<i>105%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
BRK0023-06 (MW-82)		Water			Sampled: 11/04/08 09:35					
Naphthalene	EPA 8260B	75.2	----	5.00	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 05:34	
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>109%</i>		<i>70 - 130 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>			<i>118%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
<i>4-BFB</i>			<i>108%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
BRK0023-06RE1 (MW-82)		Water			Sampled: 11/04/08 09:35					
Benzene	EPA 8260B	1050	----	20.0	ug/l	40x	8K06010	11/06/08 08:00	11/06/08 13:01	
Ethylbenzene	"	549	----	20.0	"	"	"	"	"	
Toluene	"	177	----	20.0	"	"	"	"	"	
o-Xylene	"	974	----	40.0	"	"	"	"	"	
m,p-Xylene	"	2790	----	80.0	"	"	"	"	"	
Xylenes (total)	"	3760	----	120	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>105%</i>		<i>70 - 130 %</i>	<i>1x</i>				<i>"</i>
<i>Toluene-d8</i>			<i>117%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>
<i>4-BFB</i>			<i>101%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 18:07
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0023-07 (MW-86) Water Sampled: 11/04/08 12:35

Ethylbenzene	EPA 8260B	4.90	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 06:00	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Surrogate(s):	1,2-DCA-d4		111%		70 - 130 %	"				"
	Toluene-d8		111%		75 - 125 %	"				"
	4-BFB		102%		75 - 125 %	"				"

BRK0023-07RE1 (MW-86) Water Sampled: 11/04/08 12:35

Benzene	EPA 8260B	232	----	5.00	ug/l	10x	8K06010	11/06/08 08:00	11/06/08 13:26	
Toluene	"	ND	----	5.00	"	"	"	"	"	
o-Xylene	"	ND	----	10.0	"	"	"	"	"	
m,p-Xylene	"	25.6	----	20.0	"	"	"	"	"	
Xylenes (total)	"	ND	----	30.0	"	"	"	"	"	
Surrogate(s):	1,2-DCA-d4		103%		70 - 130 %	1x				"
	Toluene-d8		117%		75 - 125 %	"				"
	4-BFB		105%		75 - 125 %	"				"

BRK0023-08 (MW-87) Water Sampled: 11/04/08 13:30

Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 06:25	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
Surrogate(s):	1,2-DCA-d4		107%		70 - 130 %	"				"
	Toluene-d8		115%		75 - 125 %	"				"
	4-BFB		105%		75 - 125 %	"				"

BRK0023-09 (MW-89) Water Sampled: 11/04/08 10:20

Benzene	EPA 8260B	2.27	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 06:50	
Naphthalene	"	61.2	----	5.00	"	"	"	"	"	
Toluene	"	1.55	----	0.500	"	"	"	"	"	
Surrogate(s):	1,2-DCA-d4		108%		70 - 130 %	"				"
	Toluene-d8		114%		75 - 125 %	"				"
	4-BFB		100%		75 - 125 %	"				"

TestAmerica Seattle

Kate Haney

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	---------------------------------------

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-09RE1 (MW-89)		Water			Sampled: 11/04/08 10:20					
Ethylbenzene	EPA 8260B	150	----	20.0	ug/l	40x	8K06010	11/06/08 08:00	11/06/08 13:51	
o-Xylene	"	ND	----	40.0	"	"	"	"	"	"
m,p-Xylene	"	200	----	80.0	"	"	"	"	"	"
Xylenes (total)	"	214	----	120	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>108%</i>		<i>70 - 130 %</i>	<i>1x</i>				"
<i>Toluene-d8</i>			<i>114%</i>		<i>75 - 125 %</i>	"				"
<i>4-BFB</i>			<i>99.8%</i>		<i>75 - 125 %</i>	"				"
BRK0023-10 (MW-95)		Water			Sampled: 11/04/08 10:45					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 07:16	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	"
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"
Toluene	"	ND	----	0.500	"	"	"	"	"	"
o-Xylene	"	ND	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>104%</i>		<i>70 - 130 %</i>	"				"
<i>Toluene-d8</i>			<i>115%</i>		<i>75 - 125 %</i>	"				"
<i>4-BFB</i>			<i>103%</i>		<i>75 - 125 %</i>	"				"
BRK0023-11 (MW-102)		Water			Sampled: 11/04/08 08:55					
Toluene	EPA 8260B	1.23	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 13:16	
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>103%</i>		<i>70 - 130 %</i>	"				"
<i>Toluene-d8</i>			<i>95.6%</i>		<i>75 - 125 %</i>	"				"
<i>4-BFB</i>			<i>99.8%</i>		<i>75 - 125 %</i>	"				"
BRK0023-11RE1 (MW-102)		Water			Sampled: 11/04/08 08:55					
Benzene	EPA 8260B	232	----	5.00	ug/l	10x	8K07015	11/07/08 11:21	11/07/08 16:47	
Ethylbenzene	"	366	----	5.00	"	"	"	"	"	"
Naphthalene	"	108	----	50.0	"	"	"	"	"	"
o-Xylene	"	10.1	----	10.0	"	"	"	"	"	"
m,p-Xylene	"	238	----	20.0	"	"	"	"	"	"
Xylenes (total)	"	248	----	30.0	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>			<i>103%</i>		<i>70 - 130 %</i>	<i>1x</i>				"
<i>Toluene-d8</i>			<i>98.0%</i>		<i>75 - 125 %</i>	"				"
<i>4-BFB</i>			<i>98.8%</i>		<i>75 - 125 %</i>	"				"

TestAmerica Seattle

Kate Haney

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	--

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-12 (MW-203)		Water				Sampled: 11/04/08 13:20				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 13:45	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s):</i>										
	<i>1,2-DCA-d4</i>		90.2%		70 - 130 %	"				"
	<i>Toluene-d8</i>		97.2%		75 - 125 %	"				"
	<i>4-BFB</i>		99.4%		75 - 125 %	"				"

BRK0023-12RE1 (MW-203)		Water				Sampled: 11/04/08 13:20				
Naphthalene	EPA 8260B	ND	----	5.00	ug/l	1x	8K07015	11/07/08 11:21	11/07/08 18:31	
<i>Surrogate(s):</i>										
	<i>1,2-DCA-d4</i>		103%		70 - 130 %	"				"
	<i>Toluene-d8</i>		97.8%		75 - 125 %	"				"
	<i>4-BFB</i>		101%		75 - 125 %	"				"

BRK0023-13 (SMW-3)		Water				Sampled: 11/04/08 13:45				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 14:13	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s):</i>										
	<i>1,2-DCA-d4</i>		95.2%		70 - 130 %	"				"
	<i>Toluene-d8</i>		94.5%		75 - 125 %	"				"
	<i>4-BFB</i>		101%		75 - 125 %	"				"

BRK0023-14 (MW-51)		Water				Sampled: 11/04/08 09:52				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 14:42	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s):</i>										
	<i>1,2-DCA-d4</i>		97.2%		70 - 130 %	"				"
	<i>Toluene-d8</i>		96.4%		75 - 125 %	"				"
	<i>4-BFB</i>		101%		75 - 125 %	"				"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz
	Report Created: 11/13/08 18:07

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-15 (MW-53)		Water			Sampled: 11/04/08 13:27					
Benzene	EPA 8260B	6.65	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 15:11	
Ethylbenzene	"	2.92	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
Surrogate(s):	1,2-DCA-d4	95.8%		70 - 130 %	"					"
	Toluene-d8	95.9%		75 - 125 %	"					"
	4-BFB	99.5%		75 - 125 %	"					"
BRK0023-16 (MW-58)		Water			Sampled: 11/04/08 14:26					
Ethylbenzene	EPA 8260B	80.9	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 15:40	
Naphthalene	"	8.62	----	5.00	"	"	"	"	"	
Toluene	"	1.46	----	0.500	"	"	"	"	"	
o-Xylene	"	4.83	----	1.00	"	"	"	"	"	
m,p-Xylene	"	94.9	----	2.00	"	"	"	"	"	
Xylenes (total)	"	99.7	----	3.00	"	"	"	"	"	
Surrogate(s):	1,2-DCA-d4	96.2%		70 - 130 %	"					"
	Toluene-d8	96.9%		75 - 125 %	"					"
	4-BFB	94.8%		75 - 125 %	"					"
BRK0023-16RE1 (MW-58)		Water			Sampled: 11/04/08 14:26					
Benzene	EPA 8260B	130	----	5.00	ug/l	10x	8K07015	11/07/08 11:21	11/07/08 17:13	
Surrogate(s):	1,2-DCA-d4	102%		70 - 130 %	1x					"
	Toluene-d8	99.0%		75 - 125 %	"					"
	4-BFB	99.8%		75 - 125 %	"					"
BRK0023-17 (TB)		Water			Sampled: 11/04/08 15:00					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05036	11/05/08 13:30	11/05/08 17:26	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
Surrogate(s):	1,2-DCA-d4	108%		70 - 130 %	"					"
	Toluene-d8	99.5%		75 - 125 %	"					"
	4-BFB	99.2%		75 - 125 %	"					"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05020 Water Preparation Method: EPA 5030B (P/T)

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K05020-BLK1)								Extracted: 11/05/08 10:34						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	11/05/08 12:49	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 101%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/05/08 12:49</i>	
LCS (8K05020-BS1)								Extracted: 11/05/08 10:34						
Gasoline Range Hydrocarbons	NWTPH-Gx	959	---	50.0	ug/l	1x	--	1000	95.9%	(80-120)	--	--	11/05/08 13:21	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 108%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/05/08 13:21</i>	
Duplicate (8K05020-DUP1)				QC Source: BRK0023-01				Extracted: 11/05/08 10:34						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR (25)		11/05/08 14:26	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 100%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/05/08 14:26</i>	
Duplicate (8K05020-DUP2)				QC Source: BRK0023-02				Extracted: 11/05/08 10:34						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR (25)		11/05/08 15:30	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 104%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/05/08 15:30</i>	
Matrix Spike (8K05020-MS1)				QC Source: BRK0023-01				Extracted: 11/05/08 10:34						
Gasoline Range Hydrocarbons	NWTPH-Gx	994	---	50.0	ug/l	1x	ND	1000	99.4%	(75-131)	--	--	11/05/08 17:40	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 106%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/05/08 17:40</i>	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05007 Water Preparation Method: EPA 3520C

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K05007-BLK1)													Extracted: 11/05/08 08:38	
Lube Oil	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	11/06/08 14:11	
Kerosene	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
Diesel Range Hydrocarbons	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>83.2%</i>	<i>Limits: 53-125%</i>		<i>"</i>								<i>11/06/08 14:11</i>
<i>Octacosane</i>		<i>91.2%</i>	<i>68-125%</i>		<i>"</i>								<i>"</i>	
LCS (8K05007-BS1)													Extracted: 11/05/08 08:38	
Diesel Range Hydrocarbons	NWTPH-Dx	1.79	---	0.250	mg/l	1x	--	2.00	89.7%	(61-132)	--	--	11/06/08 14:33	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>86.3%</i>	<i>Limits: 53-125%</i>		<i>"</i>								<i>11/06/08 14:33</i>
<i>Octacosane</i>		<i>89.4%</i>	<i>68-125%</i>		<i>"</i>								<i>"</i>	
LCS Dup (8K05007-BSD1)													Extracted: 11/05/08 08:38	
Diesel Range Hydrocarbons	NWTPH-Dx	1.82	---	0.250	mg/l	1x	--	2.00	91.1%	(61-132)	1.51% (35)		11/06/08 14:55	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>90.2%</i>	<i>Limits: 53-125%</i>		<i>"</i>								<i>11/06/08 14:55</i>
<i>Octacosane</i>		<i>94.4%</i>	<i>68-125%</i>		<i>"</i>								<i>"</i>	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 18:07
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K07030 Water Preparation Method: EPA 3020A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K07030-BLK1)								Extracted: 11/07/08 13:39						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/11/08 08:52	
LCS (8K07030-BS1)								Extracted: 11/07/08 13:39						
Lead	EPA 6020	0.0786	---	0.00100	mg/l	1x	--	0.0800	98.2%	(80-120)	--	--	11/11/08 08:58	
Duplicate (8K07030-DUP1)				QC Source: BRK0023-01				Extracted: 11/07/08 13:39						
Lead	EPA 6020	0.00563	---	0.00100	mg/l	1x	0.00599	--	--	--	6.20% (20)	--	11/11/08 09:15	
Matrix Spike (8K07030-MS1)				QC Source: BRK0023-01				Extracted: 11/07/08 13:39						
Lead	EPA 6020	0.0849	---	0.00100	mg/l	1x	0.00599	0.0800	98.6%	(75-125)	--	--	11/11/08 09:10	
Post Spike (8K07030-PS1)				QC Source: BRK0023-01				Extracted: 11/07/08 13:39						
Lead	EPA 6020	0.106	---		ug/ml	1x	0.00599	0.100	99.5%	(80-120)	--	--	11/11/08 09:04	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K10011 Water Preparation Method: EPA 3005A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K10011-BLK1)										Extracted: 11/10/08 09:29				
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/10/08 19:09	
LCS (8K10011-BS1)										Extracted: 11/10/08 09:29				
Lead	EPA 6020 - Diss	0.202	---	0.00100	mg/l	1x	--	0.200	101%	(80-120)	--	--	11/10/08 19:15	
Duplicate (8K10011-DUP1)										QC Source: BRK0023-01		Extracted: 11/10/08 09:29		
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	ND	--	--	--	NR (20)		11/10/08 19:27	
Matrix Spike (8K10011-MS1)										QC Source: BRK0023-01		Extracted: 11/10/08 09:29		
Lead	EPA 6020 - Diss	0.0924	---	0.00100	mg/l	1x	ND	0.100	91.9%	(75-125)	--	--	11/10/08 19:21	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 18:07
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05036 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
Blank (8K05036-BLK1)													Extracted: 11/05/08 13:30			
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/05/08 16:00			
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"			
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"			
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 92.6%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 16:00</i>
<i>Toluene-d8</i>													<i>96.3%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>101%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

LCS (8K05036-BS1)													Extracted: 11/05/08 13:30			
Benzene	EPA 8260B	34.3	---	0.500	ug/l	1x	--	40.0	85.7%	(80-120)	--	--	11/05/08 13:54			
Ethylbenzene	"	36.8	---	0.500	"	"	--	"	92.0%	(75-125)	--	--	"			
Methyl tert-butyl ether	"	37.2	---	1.00	"	"	--	"	93.0%	(75-126)	--	--	"			
Naphthalene	"	36.3	---	5.00	"	"	--	"	90.7%	(65-144)	--	--	"			
Toluene	"	34.6	---	0.500	"	"	--	"	86.5%	(75-125)	--	--	"			
o-Xylene	"	36.8	---	1.00	"	"	--	"	92.0%	(75-130)	--	--	"			
m,p-Xylene	"	74.2	---	2.00	"	"	--	80.0	92.7%	(75-125)	--	--	"			
Xylenes (total)	"	111	---	3.00	"	"	--	120	92.5%	"	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 99.4%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 13:54</i>
<i>Toluene-d8</i>													<i>96.0%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>97.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

Matrix Spike (8K05036-MS1)													QC Source: BRK0011-03		Extracted: 11/05/08 13:30	
Benzene	EPA 8260B	36.1	---	0.500	ug/l	1x	ND	40.0	90.3%	(80-124)	--	--	11/05/08 14:23			
Ethylbenzene	"	38.4	---	0.500	"	"	ND	"	95.9%	(62-151)	--	--	"			
Methyl tert-butyl ether	"	38.7	---	1.00	"	"	ND	"	96.8%	(75-126)	--	--	"			
Naphthalene	"	40.9	---	5.00	"	"	ND	"	102%	(59-182)	--	--	"			
Toluene	"	35.7	---	0.500	"	"	0.360	"	88.3%	(75-125)	--	--	"			
o-Xylene	"	37.5	---	1.00	"	"	ND	"	93.8%	(75-130)	--	--	"			
m,p-Xylene	"	75.0	---	2.00	"	"	0.510	80.0	93.1%	(75-135)	--	--	"			
Xylenes (total)	"	113	---	3.00	"	"	0.510	120	93.4%	(60-140)	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 98.6%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 14:23</i>
<i>Toluene-d8</i>													<i>92.4%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>98.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 18:07
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05036 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
Matrix Spike Dup (8K05036-MSD1)			QC Source: BRK0011-03					Extracted: 11/05/08 13:30							
Benzene	EPA 8260B	35.3	---	0.500	ug/l	1x	ND	40.0	88.2%	(80-124)	2.41% (30)		11/05/08 14:52		
Ethylbenzene	"	37.1	---	0.500	"	"	ND	"	92.8%	(62-151)	3.28%	"	"		
Methyl tert-butyl ether	"	37.7	---	1.00	"	"	ND	"	94.3%	(75-126)	2.54%	"	"		
Naphthalene	"	42.7	---	5.00	"	"	ND	"	107%	(59-182)	4.14%	"	"		
Toluene	"	35.8	---	0.500	"	"	0.360	"	88.7%	(75-125)	0.447%	"	"		
o-Xylene	"	36.9	---	1.00	"	"	ND	"	92.2%	(75-130)	1.69%	"	"		
m,p-Xylene	"	72.8	---	2.00	"	"	0.510	80.0	90.3%	(75-135)	3.03%	"	"		
Xylenes (total)	"	110	---	3.00	"	"	0.510	120	91.0%	(60-140)	2.58%	"	"		
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>96.8%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/05/08 14:52</i>		
<i>Toluene-d8</i>		<i>92.9%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>			
<i>4-BFB</i>		<i>98.4%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>			

QC Batch: 8K05051 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
Blank (8K05051-BLK1)			QC Source: BRK0011-03					Extracted: 11/05/08 19:18							
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/05/08 22:50		
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"		
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"		
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"		
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"		
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"		
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"		
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"		
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>113%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/05/08 22:50</i>		
<i>Toluene-d8</i>		<i>112%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>			
<i>4-BFB</i>		<i>101%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>			

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
LCS (8K05051-BS1)			QC Source: BRK0011-03					Extracted: 11/05/08 19:18							
Benzene	EPA 8260B	37.2	---	0.500	ug/l	1x	--	40.0	93.0%	(80-120)	--	--	11/05/08 20:51		
Ethylbenzene	"	39.9	---	0.500	"	"	--	"	99.7%	(75-125)	--	--	"		
Methyl tert-butyl ether	"	32.3	---	1.00	"	"	--	"	80.8%	(75-126)	--	--	"		
Naphthalene	"	40.7	---	5.00	"	"	--	"	102%	(65-144)	--	--	"		
Toluene	"	41.3	---	0.500	"	"	--	"	103%	(75-125)	--	--	"		
o-Xylene	"	41.1	---	1.00	"	"	--	"	103%	(75-130)	--	--	"		
m,p-Xylene	"	76.3	---	2.00	"	"	--	80.0	95.3%	(75-125)	--	--	"		
Xylenes (total)	"	117	---	3.00	"	"	--	120	97.8%	"	--	--	"		
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>106%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/05/08 20:51</i>		

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 18:07
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05051 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	---------------	-----------	-------	----------	-------	----------	----------	-------

LCS (8K05051-BS1) Extracted: 11/05/08 19:18

Surrogate(s): Toluene-d8	Recovery: 108%	Limits: 75-125%	1x	11/05/08 20:51
4-BFB	99.0%	75-125%	"	"

Matrix Spike (8K05051-MS1) QC Source: BRK0010-04RE1 Extracted: 11/05/08 19:18

Benzene	EPA 8260B	43.7	---	0.500	ug/l	1x	ND	40.0	109%	(80-124)	--	--	11/05/08 21:16	
Ethylbenzene	"	51.8	---	0.500	"	"	ND	"	129%	(62-151)	--	--	"	
Methyl tert-butyl ether	"	38.5	---	1.00	"	"	ND	"	96.3%	(75-126)	--	--	"	
Naphthalene	"	58.2	---	5.00	"	"	10.1	"	120%	(59-182)	--	--	"	
Toluene	"	50.5	---	0.500	"	"	ND	"	126%	(75-125)	--	--	"	M7
o-Xylene	"	49.5	---	1.00	"	"	ND	"	124%	(75-130)	--	--	"	
m,p-Xylene	"	93.4	---	2.00	"	"	1.04	80.0	115%	(75-135)	--	--	"	
Xylenes (total)	"	143	---	3.00	"	"	1.04	120	118%	(60-140)	--	--	"	

Surrogate(s): 1,2-DCA-d4 Recovery: 107% Limits: 70-130% "

Toluene-d8 113% 75-125% "

4-BFB 101% 75-125% "

11/05/08 21:16

Matrix Spike Dup (8K05051-MSD1) QC Source: BRK0010-04RE1 Extracted: 11/05/08 19:18

Benzene	EPA 8260B	37.5	---	0.500	ug/l	1x	ND	40.0	93.7%	(80-124)	15.3% (30)		11/05/08 21:42	
Ethylbenzene	"	44.0	---	0.500	"	"	ND	"	110%	(62-151)	16.4%	"	"	
Methyl tert-butyl ether	"	34.0	---	1.00	"	"	ND	"	84.9%	(75-126)	12.6%	"	"	
Naphthalene	"	52.0	---	5.00	"	"	10.1	"	105%	(59-182)	11.3%	"	"	
Toluene	"	45.2	---	0.500	"	"	ND	"	113%	(75-125)	11.2%	"	"	
o-Xylene	"	44.0	---	1.00	"	"	ND	"	110%	(75-130)	11.8%	"	"	
m,p-Xylene	"	84.0	---	2.00	"	"	1.04	80.0	104%	(75-135)	10.5%	"	"	
Xylenes (total)	"	128	---	3.00	"	"	1.04	120	106%	(60-140)	10.9%	"	"	

Surrogate(s): 1,2-DCA-d4 Recovery: 109% Limits: 70-130% "

Toluene-d8 115% 75-125% "

4-BFB 100% 75-125% "

11/05/08 21:42

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 18:07
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K06010 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K06010-BLK1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/06/08 09:51	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>106%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 09:51</i>	
<i>Toluene-d8</i>		<i>114%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>104%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		

LCS (8K06010-BS1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	36.8	---	0.500	ug/l	1x	--	40.0	91.9%	(80-120)	--	--	11/06/08 08:59	
Ethylbenzene	"	41.6	---	0.500	"	"	--	"	104%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	32.5	---	1.00	"	"	--	"	81.2%	(75-126)	--	--	"	C4
Naphthalene	"	40.2	---	5.00	"	"	--	"	100%	(65-144)	--	--	"	
Toluene	"	41.6	---	0.500	"	"	--	"	104%	(75-125)	--	--	"	
o-Xylene	"	41.8	---	1.00	"	"	--	"	104%	(75-130)	--	--	"	
m,p-Xylene	"	77.9	---	2.00	"	"	--	80.0	97.4%	(75-125)	--	--	"	
Xylenes (total)	"	120	---	3.00	"	"	--	120	99.8%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>102%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 08:59</i>	
<i>Toluene-d8</i>		<i>112%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>100%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		

LCS Dup (8K06010-BSD1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	33.8	---	0.500	ug/l	1x	--	40.0	84.5%	(80-120)	8.42%	(20)	11/06/08 10:22	
Ethylbenzene	"	37.7	---	0.500	"	"	--	"	94.2%	(75-125)	9.89%	"	"	
Methyl tert-butyl ether	"	32.0	---	1.00	"	"	--	"	79.9%	(75-126)	1.55%	"	"	C4
Naphthalene	"	37.7	---	5.00	"	"	--	"	94.2%	(65-144)	6.39%	"	"	
Toluene	"	37.9	---	0.500	"	"	--	"	94.7%	(75-125)	9.31%	"	"	
o-Xylene	"	39.5	---	1.00	"	"	--	"	98.7%	(75-130)	5.68%	"	"	
m,p-Xylene	"	72.9	---	2.00	"	"	--	80.0	91.1%	(75-125)	6.67%	"	"	
Xylenes (total)	"	112	---	3.00	"	"	--	120	93.6%	"	6.33%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>102%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 10:22</i>	
<i>Toluene-d8</i>		<i>112%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>100%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>		

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 18:07
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K06024 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K06024-BLK1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/06/08 12:47	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>93.9%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 12:47</i>	
<i>Toluene-d8</i>		<i>97.2%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>100%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

LCS (8K06024-BS1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	33.6	---	0.500	ug/l	1x	--	40.0	84.0%	(80-120)	--	--	11/06/08 11:47	
Ethylbenzene	"	35.8	---	0.500	"	"	--	"	89.6%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	34.9	---	1.00	"	"	--	"	87.2%	(75-126)	--	--	"	
Naphthalene	"	34.8	---	5.00	"	"	--	"	87.1%	(65-144)	--	--	"	
Toluene	"	32.7	---	0.500	"	"	--	"	81.8%	(75-125)	--	--	"	
o-Xylene	"	35.3	---	1.00	"	"	--	"	88.3%	(75-130)	--	--	"	
m,p-Xylene	"	69.6	---	2.00	"	"	--	80.0	87.0%	(75-125)	--	--	"	
Xylenes (total)	"	105	---	3.00	"	"	--	120	87.5%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>95.2%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 11:47</i>	
<i>Toluene-d8</i>		<i>94.7%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>97.5%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

LCS Dup (8K06024-BSD1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	34.7	---	0.500	ug/l	1x	--	40.0	86.8%	(80-120)	3.37%	(20)	11/06/08 12:16	
Ethylbenzene	"	36.8	---	0.500	"	"	--	"	92.0%	(75-125)	2.67%	"	"	
Methyl tert-butyl ether	"	36.3	---	1.00	"	"	--	"	90.7%	(75-126)	3.96%	"	"	
Naphthalene	"	36.1	---	5.00	"	"	--	"	90.3%	(65-144)	3.66%	"	"	
Toluene	"	34.0	---	0.500	"	"	--	"	85.1%	(75-125)	4.02%	"	"	
o-Xylene	"	35.4	---	1.00	"	"	--	"	88.5%	(75-130)	0.226%	"	"	
m,p-Xylene	"	71.4	---	2.00	"	"	--	80.0	89.2%	(75-125)	2.45%	"	"	
Xylenes (total)	"	107	---	3.00	"	"	--	120	89.0%	"	1.71%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>94.4%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 12:16</i>	
<i>Toluene-d8</i>		<i>93.7%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>98.2%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 18:07
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K07015 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K07015-BLK1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/07/08 13:20	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>104%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/07/08 13:20</i>	
<i>Toluene-d8</i>		<i>98.6%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>101%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

LCS (8K07015-BS1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	39.2	---	0.500	ug/l	1x	--	40.0	97.9%	(80-120)	--	--	11/07/08 12:16	
Ethylbenzene	"	41.7	---	0.500	"	"	--	"	104%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	43.7	---	1.00	"	"	--	"	109%	(75-126)	--	--	"	
Naphthalene	"	36.8	---	5.00	"	"	--	"	92.0%	(65-144)	--	--	"	
Toluene	"	36.6	---	0.500	"	"	--	"	91.6%	(75-125)	--	--	"	
o-Xylene	"	36.1	---	1.00	"	"	--	"	90.2%	(75-130)	--	--	"	
m,p-Xylene	"	74.6	---	2.00	"	"	--	80.0	93.3%	(75-125)	--	--	"	
Xylenes (total)	"	111	---	3.00	"	"	--	120	92.3%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>105%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/07/08 12:16</i>	
<i>Toluene-d8</i>		<i>94.5%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>101%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

LCS Dup (8K07015-BSD1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	37.9	---	0.500	ug/l	1x	--	40.0	94.8%	(80-120)	3.17%	(20)	11/07/08 12:42	
Ethylbenzene	"	39.8	---	0.500	"	"	--	"	99.4%	(75-125)	4.69%	"	"	
Methyl tert-butyl ether	"	45.2	---	1.00	"	"	--	"	113%	(75-126)	3.33%	"	"	
Naphthalene	"	34.5	---	5.00	"	"	--	"	86.2%	(65-144)	6.51%	"	"	
Toluene	"	35.3	---	0.500	"	"	--	"	88.3%	(75-125)	3.67%	"	"	
o-Xylene	"	34.9	---	1.00	"	"	--	"	87.2%	(75-130)	3.41%	"	"	
m,p-Xylene	"	72.1	---	2.00	"	"	--	80.0	90.2%	(75-125)	3.43%	"	"	
Xylenes (total)	"	107	---	3.00	"	"	--	120	89.2%	"	3.43%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>104%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/07/08 12:42</i>	
<i>Toluene-d8</i>		<i>93.6%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>98.8%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 18:07
---	---	--

CERTIFICATION SUMMARY

TestAmerica Seattle

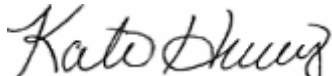
Method	Matrix	Nelac	Washington
EPA 6020 - Diss	Water	X	X
EPA 6020	Water	X	X
EPA 8260B	Water	X	X
NWTPH-Dx	Water		X
NWTPH-Gx	Water		X

Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	ConocoPhillips Westlake	Report Created:
	Project Number:	01CP.01396.44	11/13/08 18:07
	Project Manager:	Jennifer Yotz	

Notes and Definitions

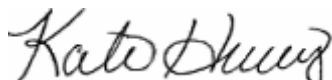
Report Specific Notes:

- C4 - Calibration Verification recovery was below the method control limit for this analyte.
- M7 - The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- P7 - Sample filtered in lab.
- Q5 - Results in the diesel organics range are primarily due to overlap from a gasoline range product.

Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA - Not Reported / Not Available
- dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave., Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: **BR K0023**

CLIENT: STANTEC		INVOICE TO: SAME		TURNAROUND REQUEST	
REPORT TO: JEN YOTZ		PRESERVATIVE		in Business Days *	
ADDRESS: 12024 134th CT NE		REQUESTED ANALYSES		<input type="checkbox"/> 10 STD. <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <1 <input type="checkbox"/> 10 STD. <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <1 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <1 Organic & Inorganic Analyses Petroleum Hydrocarbon Analyses	
PHONE: 372.1600		P.O. NUMBER:		OTHER Specify:	
PROJECT NAME: WESTLAKE		DATE: 11-04-06		* Turnaround Requests less than standard may incur Rush Charges.	
PROJECT NUMBER: 01CP.01396.44		TIME: 1500			
SAMPLED BY:		DATE: 11-04-06			
CLIENT SAMPLE IDENTIFICATION		TIME: 1500			
SAMPLING DATE/TIME		DATE: 11-04-06			
1. MW-38		TIME: 1240		RECEIVED BY: <i>[Signature]</i>	
2. MW-41		TIME: 0940		PRINT NAME: FRANCISCO LUNA, Jr	
3. MW-44		TIME: 1155		RECEIVED BY:	
4. MW-80		TIME: 1130		PRINT NAME:	
5. MW-81		TIME: 1200		RECEIVED BY:	
6. MW-82		TIME: 935		PRINT NAME:	
7. MW-86		TIME: 1235		RECEIVED BY:	
8. MW-87		TIME: 1330		PRINT NAME:	
9. MW-89		TIME: 1020		RECEIVED BY:	
10. MW-95		TIME: 1045		PRINT NAME:	
RELEASED BY: <i>[Signature]</i>		DATE: 11-04-06		DATE: 11/4/08	
PRINT NAME: STANTEC		TIME: 1500		TIME: 1505	
FIRM: STANTEC		FIRM: STANTEC		FIRM: JHSEA	
RECEIVED BY:		DATE:		DATE:	
PRINT NAME:		TIME:		TIME:	
FIRM:		FIRM:		FIRM:	
RECEIVED BY:		DATE:		DATE:	
PRINT NAME:		TIME:		TIME:	
FIRM:		FIRM:		FIRM:	
ADDITIONAL REMARKS:		TEMP: 11.4		PAGE OF	
		w/o		11.4	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 425-420-9200 FAX 420-9210
 11922 E. First Ave, Spokane, WA 99206-5302
 509-924-9200 FAX 924-9290
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 503-906-9200 FAX 906-9210
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
 907-563-9200 FAX 563-9210

pm 11/4/08

CHAIN OF CUSTODY REPORT

Work Order #: **Per K002223**

CLIENT: STANTEC	INVOICE TO: SAME	TURNAROUND REQUEST	
REPORT TO: JEN YOTZ	P.O. NUMBER:	in Business Days * Organic & Inorganic Analyses Petroleum Hydrocarbon Analyses STD: <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD: <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 OTHER <input type="checkbox"/> Specify:	
ADDRESS: 12024 134th St NE REDMOND, WA 372 1600 FAX: 372 1659	PROJECT NAME: WESTLAKE	* Turnaround Requests less than standard may incur Rush Charges.	
PROJECT NUMBER: 019.01396.44	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.
SAMPLED BY:	DATE/TIME	LOCATION/ COMMENTS	TA W/O ID
1. MW-95102	11-04-08/855	W	10
2. MW-203	11-04-08/1329	W	10
3. SMW-3	11-04-08/1345	W	10
4. MW-51	11-04-08/0952	W	10
5. MW-53	11-04-08/1327	W	10
6. MW-50	11-04-08/1426	W	10
7. added by DB TP	11/4/08 1500	W	3
8.			
9.			
10.			

RECEIVED BY: **Francisco Lung, Jr.** DATE: **11/4/08**
 PRINT NAME: **Francisco Lung, Jr.** FIRM: **TA-SEA** TIME: **1505**
 RECEIVED BY: **Club 1545** DATE: **11/4/08**
 PRINT NAME: **Club 1545** FIRM: **Club 1545** TIME: **11:45**

RELEASED BY: **STANTEC** FIRM: **STANTEC** DATE: **11-04-08**
 PRINT NAME: **STANTEC** FIRM: **STANTEC** TIME: **1500**
 RELEASED BY: **STANTEC** FIRM: **STANTEC** DATE: **11-04-08**
 PRINT NAME: **STANTEC** FIRM: **STANTEC** TIME: **1500**

ADDITIONAL REMARKS:
BOTTLES FOR MW-70 EMPTY FOR RETURN

TAT: 5

Paperwork to PM - Date: _____ Time: _____

Non-Conformances?

Page Time & Initials: _____

Circle or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: _____
(applies to temp at receipt)

Logged-in By: _____

Unpacked/Labeled By: _____

Cooler ID: 322, 389, 316, 352, 349, 315

Date: 11/4/08

Date: 11/4/08

Date: 11/5/08
~~11/4/08~~

Work Order No. BR K0023

Time: 1545

Time: 1754

Time: 1100

Client: _____

Initials: FL

Initials: PTG

Initials: CG/08

Project: _____

Container Type:

COC Seals:

Packing Material _____

Cooler _____ Ship Container _____ Sign By _____
 Box _____ On Bottles _____ Date _____
 None/Other _____ None

Bubble Bags _____ Styrofoam _____
 Foam Packs _____
 None/Other _____

Refrigerant:

Gel Ice Pack _____
 Loose Ice _____
 None/Other _____

Received Via: Bill# _____

Fed Ex _____ Client _____
 UPS TA Courier
 DHL _____ Mid Valley _____
 Senvoy _____ TDP _____
 GS _____ Other _____

Cooler Temperature (IR): _____ °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)

Temperature Blank? 11.4 °C or NA 8.0
6.8, 7.5, 8.3, 11.4, 5.9 (circle one)

Trip Blank? or N or NA

BP, OPLC, ARCO-Temperature monitoring every 15 minutes:

(initial/date/time): _____

Comments: _____

Sample Containers:

ID

ID

Intact? or N _____ Metals Preserved? or N or NA _____
Provided by TA? or N _____ Client QAPP Preserved? Y or N or NA _____
Correct Type? or N _____ Adequate Volume? or N _____
(for tests requested)
#Containers match COC? Y or N _____ Water VOAs: Headspace? or NA _____
IDs/time/date match COC? or N _____ Comments: _____
Hold Times in hold? or N _____

PROJECT MANAGEMENT

Is the Chain of Custody complete? _____ Y or N If N, circle the items that were incomplete

Comments, Problems _____

Total access set up? _____
Has client been contacted regarding non-conformances? _____

Y or N
Y or N If Y, _____ / _____
Date Time

PM Initials: _____ Date: _____ Time: _____

November 13, 2008

Jennifer Yotz
Stantec
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)
Redmond, WA/USA 98073

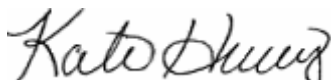
RE: ConocoPhillips Westlake

Enclosed are the results of analyses for samples received by the laboratory on 11/05/08 16:15.
The following list is a summary of the Work Orders contained in this report, generated on 11/13/08
19:49.

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

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
BRK0047	ConocoPhillips Westlake	01CP.01396.44

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

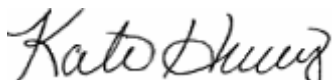


Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	ConocoPhillips Westlake	Report Created:
	Project Number:	01CP.01396.44	11/13/08 19:49
	Project Manager:	Jennifer Yotz	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C1-1	BRK0047-01	Water	11/05/08 11:15	11/05/08 16:15
C1-2	BRK0047-02	Water	11/05/08 11:30	11/05/08 16:15
MW-32A	BRK0047-03	Water	11/05/08 09:56	11/05/08 16:15
MW-34	BRK0047-04	Water	11/05/08 08:26	11/05/08 16:15
MW-35	BRK0047-05	Water	11/05/08 12:27	11/05/08 16:15
MW-52	BRK0047-06	Water	11/05/08 10:45	11/05/08 16:15
MW-57	BRK0047-07	Water	11/05/08 11:27	11/05/08 16:15
MW-59	BRK0047-08	Water	11/05/08 09:09	11/05/08 16:15
MW-60	BRK0047-09	Water	11/05/08 13:06	11/05/08 16:15
MW-202	BRK0047-10	Water	11/05/08 12:30	11/05/08 16:15
MW-207	BRK0047-11	Water	11/05/08 13:05	11/05/08 16:15
MW-209	BRK0047-12	Water	11/05/08 08:35	11/05/08 16:15
MW-210	BRK0047-13	Water	11/05/08 09:15	11/05/08 16:15
MW-211	BRK0047-14	Water	11/05/08 10:00	11/05/08 16:15

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)
Redmond, WA/USA 98073

Project Name: **ConocoPhillips Westlake**

Project Number: 01CP.01396.44

Project Manager: Jennifer Yotz

Report Created:

11/13/08 19:49

Analytical Case Narrative

TestAmerica - Seattle, WA

BRK0047

SAMPLE RECEIPT

The samples were received November 5th, 2008 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 9.2 degrees Celsius which is outside the recommended temperature range of 2-6 Degrees Celsius. The samples are considered acceptable as they were recieved on-ice within four hours of the collection of the last sampled time on the COC.

PREPARATIONS AND ANALYSIS

No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 19:49
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Petroleum Products by NWTPH-Gx
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-01 (C1-1)		Water			Sampled: 11/05/08 11:15					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 01:30	
<i>Surrogate(s): 4-BFB (FID)</i>			102%		58 - 144 %	"				"
BRK0047-02 (C1-2)		Water			Sampled: 11/05/08 11:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 02:03	
<i>Surrogate(s): 4-BFB (FID)</i>			102%		58 - 144 %	"				"
BRK0047-03 (MW-32A)		Water			Sampled: 11/05/08 09:56					
Gasoline Range Hydrocarbons	NWTPH-Gx	528	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 02:35	
<i>Surrogate(s): 4-BFB (FID)</i>			104%		58 - 144 %	"				"
BRK0047-04 (MW-34)		Water			Sampled: 11/05/08 08:26					
Gasoline Range Hydrocarbons	NWTPH-Gx	1890	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 07:59	
<i>Surrogate(s): 4-BFB (FID)</i>			106%		58 - 144 %	"				"
BRK0047-05 (MW-35)		Water			Sampled: 11/05/08 12:27					
Gasoline Range Hydrocarbons	NWTPH-Gx	94.8	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 08:32	
<i>Surrogate(s): 4-BFB (FID)</i>			101%		58 - 144 %	"				"
BRK0047-06 (MW-52)		Water			Sampled: 11/05/08 10:45					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 03:07	
<i>Surrogate(s): 4-BFB (FID)</i>			103%		58 - 144 %	"				"
BRK0047-07 (MW-57)		Water			Sampled: 11/05/08 11:27					
Gasoline Range Hydrocarbons	NWTPH-Gx	76.2	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 03:40	
<i>Surrogate(s): 4-BFB (FID)</i>			100%		58 - 144 %	"				"
BRK0047-08 (MW-59)		Water			Sampled: 11/05/08 09:09					
Gasoline Range Hydrocarbons	NWTPH-Gx	280	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 09:04	
<i>Surrogate(s): 4-BFB (FID)</i>			109%		58 - 144 %	"				"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 19:49
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Petroleum Products by NWTPH-Gx
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-09 (MW-60)		Water			Sampled: 11/05/08 13:06					
Gasoline Range Hydrocarbons	NWTPH-Gx	23300	----	1000	ug/l	20x	8K06007	11/06/08 07:30	11/07/08 11:36	
Surrogate(s): 4-BFB (FID)			112%		58 - 144 %	1x				"
BRK0047-10 (MW-202)		Water			Sampled: 11/05/08 12:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 04:12	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"				"
BRK0047-11 (MW-207)		Water			Sampled: 11/05/08 13:05					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 04:45	
Surrogate(s): 4-BFB (FID)			103%		58 - 144 %	"				"
BRK0047-12 (MW-209)		Water			Sampled: 11/05/08 08:35					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 05:17	
Surrogate(s): 4-BFB (FID)			104%		58 - 144 %	"				"
BRK0047-13 (MW-210)		Water			Sampled: 11/05/08 09:15					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 06:54	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"				"
BRK0047-14 (MW-211)		Water			Sampled: 11/05/08 10:00					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 07:27	
Surrogate(s): 4-BFB (FID)			101%		58 - 144 %	"				"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 19:49
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-01 (C1-1)		Water			Sampled: 11/05/08 11:15					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 20:32	
Kerosene	"	ND	----	0.240	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				80.0%		53 - 125 %	"			"
<i>Octacosane</i>				91.4%		68 - 125 %	"			"
BRK0047-02 (C1-2)		Water			Sampled: 11/05/08 11:30					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 20:54	
Kerosene	"	ND	----	0.240	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				66.7%		53 - 125 %	"			"
<i>Octacosane</i>				75.0%		68 - 125 %	"			"
BRK0047-03 (MW-32A)		Water			Sampled: 11/05/08 09:56					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 21:17	
Kerosene	"	0.281	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				72.9%		53 - 125 %	"			"
<i>Octacosane</i>				81.2%		68 - 125 %	"			"
BRK0047-04 (MW-34)		Water			Sampled: 11/05/08 08:26					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 21:39	
Kerosene	"	1.06	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				73.9%		53 - 125 %	"			"
<i>Octacosane</i>				83.2%		68 - 125 %	"			"
BRK0047-05 (MW-35)		Water			Sampled: 11/05/08 12:27					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 22:01	
Kerosene	"	ND	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				67.0%		53 - 125 %	"			"
<i>Octacosane</i>				84.7%		68 - 125 %	"			"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 19:49
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-06 (MW-52)		Water			Sampled: 11/05/08 10:45					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 22:23	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				61.1%		53 - 125 %	"			
<i>Octacosane</i>				66.1%		68 - 125 %	"			Z
BRK0047-07 (MW-57)		Water			Sampled: 11/05/08 11:27					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 00:15	
Kerosene	"	0.367	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				72.5%		53 - 125 %	"			
<i>Octacosane</i>				89.1%		68 - 125 %	"			
BRK0047-08 (MW-59)		Water			Sampled: 11/05/08 09:09					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 00:38	
Kerosene	"	ND	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				77.8%		53 - 125 %	"			
<i>Octacosane</i>				84.8%		68 - 125 %	"			
BRK0047-09 (MW-60)		Water			Sampled: 11/05/08 13:06					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 01:00	
Diesel Range Hydrocarbons	"	0.740	----	0.238	"	"	"	"	"	Q5
<i>Surrogate(s): 2-FBP</i>				69.0%		53 - 125 %	"			
<i>Octacosane</i>				75.1%		68 - 125 %	"			
BRK0047-09RE1 (MW-60)		Water			Sampled: 11/05/08 13:06					
Kerosene	NWTPH-Dx	8.17	----	0.476	mg/l	2x	8K06015	11/06/08 09:14	11/10/08 10:09	
<i>Surrogate(s): 2-FBP</i>				69.0%		53 - 125 %	"			
<i>Octacosane</i>				74.6%		68 - 125 %	"			

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-10 (MW-202)		Water			Sampled: 11/05/08 12:30					
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 01:22	
Kerosene	"	ND	----	0.243	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				72.0%		53 - 125 %	"			"
<i>Octacosane</i>				85.0%		68 - 125 %	"			"
BRK0047-11 (MW-207)		Water			Sampled: 11/05/08 13:05					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 01:45	
Kerosene	"	ND	----	0.240	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				74.7%		53 - 125 %	"			"
<i>Octacosane</i>				84.0%		68 - 125 %	"			"
BRK0047-12 (MW-209)		Water			Sampled: 11/05/08 08:35					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 02:07	
Kerosene	"	ND	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				84.6%		53 - 125 %	"			"
<i>Octacosane</i>				94.3%		68 - 125 %	"			"
BRK0047-13 (MW-210)		Water			Sampled: 11/05/08 09:15					
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 02:30	
Kerosene	"	ND	----	0.243	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				75.2%		53 - 125 %	"			"
<i>Octacosane</i>				85.2%		68 - 125 %	"			"
BRK0047-14 (MW-211)		Water			Sampled: 11/05/08 10:00					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 02:52	
Kerosene	"	ND	----	0.240	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				76.5%		53 - 125 %	"			"
<i>Octacosane</i>				87.8%		68 - 125 %	"			"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-01 (C1-1)		Water			Sampled: 11/05/08 11:15					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 13:42	
BRK0047-02 (C1-2)		Water			Sampled: 11/05/08 11:30					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 13:48	
BRK0047-03 (MW-32A)		Water			Sampled: 11/05/08 09:56					
Lead	EPA 6020	0.00232	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 13:54	
BRK0047-04 (MW-34)		Water			Sampled: 11/05/08 08:26					
Lead	EPA 6020	0.00141	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 13:59	
BRK0047-05 (MW-35)		Water			Sampled: 11/05/08 12:27					
Lead	EPA 6020	0.229	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:05	
BRK0047-06 (MW-52)		Water			Sampled: 11/05/08 10:45					
Lead	EPA 6020	0.0178	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:17	
BRK0047-07 (MW-57)		Water			Sampled: 11/05/08 11:27					
Lead	EPA 6020	0.0128	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:40	
BRK0047-08 (MW-59)		Water			Sampled: 11/05/08 09:09					
Lead	EPA 6020	0.00229	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:46	
BRK0047-09 (MW-60)		Water			Sampled: 11/05/08 13:06					
Lead	EPA 6020	0.00214	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:52	
BRK0047-10 (MW-202)		Water			Sampled: 11/05/08 12:30					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:57	
BRK0047-11 (MW-207)		Water			Sampled: 11/05/08 13:05					
Lead	EPA 6020	0.00102	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 15:03	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-12 (MW-209)		Water			Sampled: 11/05/08 08:35					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 15:09	
BRK0047-13 (MW-210)		Water			Sampled: 11/05/08 09:15					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 15:15	
BRK0047-14 (MW-211)		Water			Sampled: 11/05/08 10:00					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 15:20	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-01 (C1-1)		Water			Sampled: 11/05/08 11:15					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 22:33	
BRK0047-02 (C1-2)		Water			Sampled: 11/05/08 11:30					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 22:39	
BRK0047-03 (MW-32A)		Water			Sampled: 11/05/08 09:56					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 22:45	
BRK0047-04 (MW-34)		Water			Sampled: 11/05/08 08:26					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 22:50	
BRK0047-05 (MW-35)		Water			Sampled: 11/05/08 12:27					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 22:56	
BRK0047-06 (MW-52)		Water			Sampled: 11/05/08 10:45					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:02	
BRK0047-07 (MW-57)		Water			Sampled: 11/05/08 11:27					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:08	
BRK0047-08 (MW-59)		Water			Sampled: 11/05/08 09:09					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:14	
BRK0047-09 (MW-60)		Water			Sampled: 11/05/08 13:06					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:19	
BRK0047-10 (MW-202)		Water			Sampled: 11/05/08 12:30					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:43	
BRK0047-11 (MW-207)		Water			Sampled: 11/05/08 13:05					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:49	

TestAmerica Seattle

Kate Haney

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-12 (MW-209)		Water			Sampled: 11/05/08 08:35					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:54	
BRK0047-13 (MW-210)		Water			Sampled: 11/05/08 09:15					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/11/08 00:00	
BRK0047-14 (MW-211)		Water			Sampled: 11/05/08 10:00					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/11/08 00:06	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 19:49
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-01 (C1-1)		Water			Sampled: 11/05/08 11:15					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 16:09	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			97.0%		70 - 130 %	"				"
<i>Toluene-d8</i>			96.8%		75 - 125 %	"				"
<i>4-BFB</i>			101%		75 - 125 %	"				"
BRK0047-02 (C1-2)		Water			Sampled: 11/05/08 11:30					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 16:37	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			102%		70 - 130 %	"				"
<i>Toluene-d8</i>			96.3%		75 - 125 %	"				"
<i>4-BFB</i>			102%		75 - 125 %	"				"
BRK0047-03 (MW-32A)		Water			Sampled: 11/05/08 09:56					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 17:06	
Ethylbenzene	"	0.650	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			104%		70 - 130 %	"				"
<i>Toluene-d8</i>			97.2%		75 - 125 %	"				"
<i>4-BFB</i>			99.2%		75 - 125 %	"				"

TestAmerica Seattle

Kate Haney

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-04 (MW-34)		Water				Sampled: 11/05/08 08:26				
Benzene	EPA 8260B	23.2	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 17:35	
Ethylbenzene	"	10.4	----	0.500	"	"	"	"	"	
Naphthalene	"	8.55	----	5.00	"	"	"	"	"	
Toluene	"	1.20	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			99.6%		70 - 130 %	"				"
<i>Toluene-d8</i>			95.9%		75 - 125 %	"				"
<i>4-BFB</i>			96.4%		75 - 125 %	"				"

BRK0047-05 (MW-35)		Water				Sampled: 11/05/08 12:27				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 18:04	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	1.35	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			94.3%		70 - 130 %	"				"
<i>Toluene-d8</i>			94.2%		75 - 125 %	"				"
<i>4-BFB</i>			99.0%		75 - 125 %	"				"

BRK0047-06 (MW-52)		Water				Sampled: 11/05/08 10:45				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 18:32	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			97.0%		70 - 130 %	"				"
<i>Toluene-d8</i>			96.6%		75 - 125 %	"				"
<i>4-BFB</i>			101%		75 - 125 %	"				"

TestAmerica Seattle

Kate Haney

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	11/13/08 19:49

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-07 (MW-57)		Water			Sampled: 11/05/08 11:27					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 19:01	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			99.7%		70 - 130 %	"				"
<i>Toluene-d8</i>			96.9%		75 - 125 %	"				"
<i>4-BFB</i>			98.2%		75 - 125 %	"				"
BRK0047-08 (MW-59)		Water			Sampled: 11/05/08 09:09					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 19:30	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			98.8%		70 - 130 %	"				"
<i>Toluene-d8</i>			96.7%		75 - 125 %	"				"
<i>4-BFB</i>			99.0%		75 - 125 %	"				"
BRK0047-09 (MW-60)		Water			Sampled: 11/05/08 13:06					
Toluene	EPA 8260B	24.6	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 19:59	
<i>Surrogate(s): 1,2-DCA-d4</i>			112%		70 - 130 %	"				"
<i>Toluene-d8</i>			92.9%		75 - 125 %	"				"
<i>4-BFB</i>			102%		75 - 125 %	"				"
BRK0047-09RE1 (MW-60)		Water			Sampled: 11/05/08 13:06					
Ethylbenzene	EPA 8260B	1760	----	10.0	ug/l	20x	8K07015	11/07/08 11:21	11/07/08 17:39	
Naphthalene	"	267	----	100	"	"	"	"	"	
o-Xylene	"	48.6	----	20.0	"	"	"	"	"	
m,p-Xylene	"	2390	----	40.0	"	"	"	"	"	
Xylenes (total)	"	2440	----	60.0	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			102%		70 - 130 %	1x				"
<i>Toluene-d8</i>			99.6%		75 - 125 %	"				"
<i>4-BFB</i>			99.7%		75 - 125 %	"				"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	---------------------------------------

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0047-09RE2 (MW-60) Water Sampled: 11/05/08 13:06

Benzene	EPA 8260B	2200	----	40.0	ug/l	80x	8K10052	11/10/08 17:31	11/10/08 21:25	
<i>Surrogate(s): 1,2-DCA-d4</i>			101%		70 - 130 %	1x				"
<i>Toluene-d8</i>			94.2%		75 - 125 %	"				"
<i>4-BFB</i>			95.7%		75 - 125 %	"				"

BRK0047-10RE1 (MW-202) Water Sampled: 11/05/08 12:30

Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K07015	11/07/08 11:21	11/07/08 18:04	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	"
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"
Toluene	"	ND	----	0.500	"	"	"	"	"	"
o-Xylene	"	ND	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>			103%		70 - 130 %	"				"
<i>Toluene-d8</i>			98.6%		75 - 125 %	"				"
<i>4-BFB</i>			101%		75 - 125 %	"				"

BRK0047-11 (MW-207) Water Sampled: 11/05/08 13:05

Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 20:56	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	"
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"
Toluene	"	ND	----	0.500	"	"	"	"	"	"
o-Xylene	"	ND	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>			93.7%		70 - 130 %	"				"
<i>Toluene-d8</i>			95.1%		75 - 125 %	"				"
<i>4-BFB</i>			100%		75 - 125 %	"				"

BRK0047-12 (MW-209) Water Sampled: 11/05/08 08:35

Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 21:25	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	"
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"
Toluene	"	ND	----	0.500	"	"	"	"	"	"
o-Xylene	"	ND	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>			95.2%		70 - 130 %	"				"
<i>Toluene-d8</i>			97.2%		75 - 125 %	"				"
<i>4-BFB</i>			102%		75 - 125 %	"				"

TestAmerica Seattle

Kate Haney

Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0047-13 (MW-210)		Water			Sampled: 11/05/08 09:15					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 21:54	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				98.6%		70 - 130 %	"			"
<i>Toluene-d8</i>				94.6%		75 - 125 %	"			"
<i>4-BFB</i>				98.0%		75 - 125 %	"			"

BRK0047-14 (MW-211)		Water			Sampled: 11/05/08 10:00					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 22:23	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				101%		70 - 130 %	"			"
<i>Toluene-d8</i>				96.0%		75 - 125 %	"			"
<i>4-BFB</i>				99.8%		75 - 125 %	"			"

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K06007 Water Preparation Method: EPA 5030B (P/T)

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K06007-BLK1)								Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	11/06/08 17:57	
Surrogate(s): 4-BFB (FID)		Recovery: 98.8%	Limits: 58-144%		"		11/06/08 17:57							
LCS (8K06007-BS1)								Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	921	---	50.0	ug/l	1x	--	1000	92.1%	(80-120)	--	--	11/06/08 18:29	
Surrogate(s): 4-BFB (FID)		Recovery: 105%	Limits: 58-144%		"		11/06/08 18:29							
Duplicate (8K06007-DUP1)				QC Source: BRK0042-01				Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR (25)		11/06/08 19:34	
Surrogate(s): 4-BFB (FID)		Recovery: 99.9%	Limits: 58-144%		"		11/06/08 19:34							
Duplicate (8K06007-DUP2)				QC Source: BRK0042-02				Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR (25)		11/06/08 20:39	
Surrogate(s): 4-BFB (FID)		Recovery: 100%	Limits: 58-144%		"		11/06/08 20:39							
Matrix Spike (8K06007-MS1)				QC Source: BRK0042-01				Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	1010	---	50.0	ug/l	1x	16.9	1000	99.3%	(75-131)	--	--	11/06/08 22:16	
Surrogate(s): 4-BFB (FID)		Recovery: 104%	Limits: 58-144%		"		11/06/08 22:16							
Matrix Spike Dup (8K06007-MSD1)				QC Source: BRK0042-01				Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	999	---	50.0	ug/l	1x	16.9	1000	98.2%	(75-131)	1.06% (25)		11/06/08 22:48	
Surrogate(s): 4-BFB (FID)		Recovery: 105%	Limits: 58-144%		"		11/06/08 22:48							

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



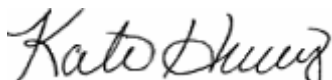
Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 19:49
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K06015 Water Preparation Method: EPA 3520C

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K06015-BLK1)													Extracted: 11/06/08 09:14	
Lube Oil	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	11/07/08 19:02	
Kerosene	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
Diesel Range Hydrocarbons	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>79.6%</i>	<i>Limits: 53-125%</i>		<i>"</i>								<i>11/07/08 19:02</i>
<i>Octacosane</i>		<i>85.2%</i>	<i>68-125%</i>		<i>"</i>								<i>"</i>	
LCS (8K06015-BS1)													Extracted: 11/06/08 09:14	
Diesel Range Hydrocarbons	NWTPH-Dx	1.78	---	0.250	mg/l	1x	--	2.00	88.8%	(61-132)	--	--	11/07/08 19:24	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>84.6%</i>	<i>Limits: 53-125%</i>		<i>"</i>								<i>11/07/08 19:24</i>
<i>Octacosane</i>		<i>89.6%</i>	<i>68-125%</i>		<i>"</i>								<i>"</i>	
LCS Dup (8K06015-BSD1)													Extracted: 11/06/08 09:14	
Diesel Range Hydrocarbons	NWTPH-Dx	1.79	---	0.250	mg/l	1x	--	2.00	89.5%	(61-132)	0.715% (35)		11/07/08 19:46	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>84.6%</i>	<i>Limits: 53-125%</i>		<i>"</i>								<i>11/07/08 19:46</i>
<i>Octacosane</i>		<i>92.5%</i>	<i>68-125%</i>		<i>"</i>								<i>"</i>	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K07031 Water Preparation Method: EPA 3020A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K07031-BLK1)										Extracted: 11/07/08 13:42				
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/11/08 12:38	
LCS (8K07031-BS1)										Extracted: 11/07/08 13:42				
Lead	EPA 6020	0.0795	---	0.00100	mg/l	1x	--	0.0800	99.4%	(80-120)	--	--	11/11/08 12:44	
Duplicate (8K07031-DUP1)										QC Source: BRK0047-01		Extracted: 11/07/08 13:42		
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	ND	--	--	--	2.47% (20)	--	11/11/08 13:02	
Matrix Spike (8K07031-MS1)										QC Source: BRK0047-01		Extracted: 11/07/08 13:42		
Lead	EPA 6020	0.0807	---	0.00100	mg/l	1x	0.000410	0.0800	100%	(75-125)	--	--	11/11/08 12:56	
Post Spike (8K07031-PS1)										QC Source: BRK0047-01		Extracted: 11/07/08 13:42		
Lead	EPA 6020	0.103	---		ug/ml	1x	0.000410	0.100	102%	(80-120)	--	--	11/11/08 12:50	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K10012 Water Preparation Method: EPA 3005A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K10012-BLK1)										Extracted: 11/10/08 09:30				
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/10/08 21:52	
LCS (8K10012-BS1)										Extracted: 11/10/08 09:30				
Lead	EPA 6020 - Diss	0.200	---	0.00100	mg/l	1x	--	0.200	100%	(80-120)	--	--	11/10/08 21:58	
Duplicate (8K10012-DUP1)										QC Source: BRK0047-01 Extracted: 11/10/08 09:30				
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	ND	--	--	--	NR (20)		11/10/08 22:27	
Matrix Spike (8K10012-MS1)										QC Source: BRK0047-01 Extracted: 11/10/08 09:30				
Lead	EPA 6020 - Diss	0.0926	---	0.00100	mg/l	1x	ND	0.100	92.2%	(75-125)	--	--	11/10/08 22:04	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 19:49
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K06024 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
Blank (8K06024-BLK1)													Extracted: 11/06/08 08:00			
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/06/08 12:47			
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"			
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"			
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 93.9%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/06/08 12:47</i>
<i>Toluene-d8</i>													<i>97.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>100%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

LCS (8K06024-BS1)													Extracted: 11/06/08 08:00			
Benzene	EPA 8260B	33.6	---	0.500	ug/l	1x	--	40.0	84.0%	(80-120)	--	--	11/06/08 11:47			
Ethylbenzene	"	35.8	---	0.500	"	"	--	"	89.6%	(75-125)	--	--	"			
Methyl tert-butyl ether	"	34.9	---	1.00	"	"	--	"	87.2%	(75-126)	--	--	"			
Naphthalene	"	34.8	---	5.00	"	"	--	"	87.1%	(65-144)	--	--	"			
Toluene	"	32.7	---	0.500	"	"	--	"	81.8%	(75-125)	--	--	"			
o-Xylene	"	35.3	---	1.00	"	"	--	"	88.3%	(75-130)	--	--	"			
m,p-Xylene	"	69.6	---	2.00	"	"	--	80.0	87.0%	(75-125)	--	--	"			
Xylenes (total)	"	105	---	3.00	"	"	--	120	87.5%	"	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 95.2%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/06/08 11:47</i>
<i>Toluene-d8</i>													<i>94.7%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>97.5%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

LCS Dup (8K06024-BSD1)													Extracted: 11/06/08 08:00			
Benzene	EPA 8260B	34.7	---	0.500	ug/l	1x	--	40.0	86.8%	(80-120)	3.37%	(20)	11/06/08 12:16			
Ethylbenzene	"	36.8	---	0.500	"	"	--	"	92.0%	(75-125)	2.67%	"	"			
Methyl tert-butyl ether	"	36.3	---	1.00	"	"	--	"	90.7%	(75-126)	3.96%	"	"			
Naphthalene	"	36.1	---	5.00	"	"	--	"	90.3%	(65-144)	3.66%	"	"			
Toluene	"	34.0	---	0.500	"	"	--	"	85.1%	(75-125)	4.02%	"	"			
o-Xylene	"	35.4	---	1.00	"	"	--	"	88.5%	(75-130)	0.226%	"	"			
m,p-Xylene	"	71.4	---	2.00	"	"	--	80.0	89.2%	(75-125)	2.45%	"	"			
Xylenes (total)	"	107	---	3.00	"	"	--	120	89.0%	"	1.71%	"	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 94.4%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/06/08 12:16</i>
<i>Toluene-d8</i>													<i>93.7%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>98.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K07015 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K07015-BLK1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/07/08 13:20	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>104%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/07/08 13:20</i>	
<i>Toluene-d8</i>		<i>98.6%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>101%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

LCS (8K07015-BS1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	39.2	---	0.500	ug/l	1x	--	40.0	97.9%	(80-120)	--	--	11/07/08 12:16	
Ethylbenzene	"	41.7	---	0.500	"	"	--	"	104%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	43.7	---	1.00	"	"	--	"	109%	(75-126)	--	--	"	
Naphthalene	"	36.8	---	5.00	"	"	--	"	92.0%	(65-144)	--	--	"	
Toluene	"	36.6	---	0.500	"	"	--	"	91.6%	(75-125)	--	--	"	
o-Xylene	"	36.1	---	1.00	"	"	--	"	90.2%	(75-130)	--	--	"	
m,p-Xylene	"	74.6	---	2.00	"	"	--	80.0	93.3%	(75-125)	--	--	"	
Xylenes (total)	"	111	---	3.00	"	"	--	120	92.3%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>105%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/07/08 12:16</i>	
<i>Toluene-d8</i>		<i>94.5%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>101%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

LCS Dup (8K07015-BSD1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	37.9	---	0.500	ug/l	1x	--	40.0	94.8%	(80-120)	3.17%	(20)	11/07/08 12:42	
Ethylbenzene	"	39.8	---	0.500	"	"	--	"	99.4%	(75-125)	4.69%	"	"	
Methyl tert-butyl ether	"	45.2	---	1.00	"	"	--	"	113%	(75-126)	3.33%	"	"	
Naphthalene	"	34.5	---	5.00	"	"	--	"	86.2%	(65-144)	6.51%	"	"	
Toluene	"	35.3	---	0.500	"	"	--	"	88.3%	(75-125)	3.67%	"	"	
o-Xylene	"	34.9	---	1.00	"	"	--	"	87.2%	(75-130)	3.41%	"	"	
m,p-Xylene	"	72.1	---	2.00	"	"	--	80.0	90.2%	(75-125)	3.43%	"	"	
Xylenes (total)	"	107	---	3.00	"	"	--	120	89.2%	"	3.43%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>104%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/07/08 12:42</i>	
<i>Toluene-d8</i>		<i>93.6%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>98.8%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: ConocoPhillips Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	11/13/08 19:49
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K10052 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K10052-BLK1)													Extracted: 11/10/08 17:31	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/10/08 19:21	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4 Recovery: 88.8% Limits: 70-130% "</i>													<i>11/10/08 19:21</i>	
<i>Toluene-d8 94.0% 75-125% "</i>													<i>"</i>	
<i>4-BFB 102% 75-125% "</i>													<i>"</i>	

LCS (8K10052-BS1)													Extracted: 11/10/08 17:31	
Benzene	EPA 8260B	34.2	---	0.500	ug/l	1x	--	40.0	85.6%	(80-120)	--	--	11/10/08 17:46	
Ethylbenzene	"	34.9	---	0.500	"	"	--	"	87.2%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	36.6	---	1.00	"	"	--	"	91.4%	(75-126)	--	--	"	
Naphthalene	"	38.9	---	5.00	"	"	--	"	97.2%	(65-144)	--	--	"	
Toluene	"	32.9	---	0.500	"	"	--	"	82.3%	(75-125)	--	--	"	
o-Xylene	"	35.4	---	1.00	"	"	--	"	88.6%	(75-130)	--	--	"	
m,p-Xylene	"	70.6	---	2.00	"	"	--	80.0	88.3%	(75-125)	--	--	"	
Xylenes (total)	"	106	---	3.00	"	"	--	120	88.4%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4 Recovery: 97.6% Limits: 70-130% "</i>													<i>11/10/08 17:46</i>	
<i>Toluene-d8 93.6% 75-125% "</i>													<i>"</i>	
<i>4-BFB 100% 75-125% "</i>													<i>"</i>	

Matrix Spike (8K10052-MS1)													QC Source: BRK0071-05		Extracted: 11/10/08 17:31	
Benzene	EPA 8260B	34.3	---	0.500	ug/l	1x	ND	40.0	85.7%	(80-124)	--	--	11/10/08 18:15			
Ethylbenzene	"	34.9	---	0.500	"	"	0.320	"	86.4%	(62-151)	--	--	"			
Methyl tert-butyl ether	"	35.5	---	1.00	"	"	ND	"	88.7%	(75-126)	--	--	"			
Naphthalene	"	38.1	---	5.00	"	"	1.38	"	91.8%	(59-182)	--	--	"			
Toluene	"	33.5	---	0.500	"	"	ND	"	83.8%	(75-125)	--	--	"			
o-Xylene	"	34.8	---	1.00	"	"	ND	"	87.1%	(75-130)	--	--	"			
m,p-Xylene	"	69.8	---	2.00	"	"	ND	80.0	87.2%	(75-135)	--	--	"			
Xylenes (total)	"	105	---	3.00	"	"	ND	120	87.2%	(60-140)	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4 Recovery: 94.2% Limits: 70-130% "</i>													<i>11/10/08 18:15</i>			
<i>Toluene-d8 92.4% 75-125% "</i>													<i>"</i>			
<i>4-BFB 97.2% 75-125% "</i>													<i>"</i>			

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	-----------------------------------

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K10052 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (8K10052-MSD1)			QC Source: BRK0071-05				Extracted: 11/10/08 17:31							
Benzene	EPA 8260B	33.4	---	0.500	ug/l	1x	ND	40.0	83.4%	(80-124)	2.72%	(30)	11/10/08 18:44	
Ethylbenzene	"	34.5	---	0.500	"	"	0.320	"	85.4%	(62-151)	1.04%	"	"	
Methyl tert-butyl ether	"	34.8	---	1.00	"	"	ND	"	86.9%	(75-126)	2.05%	"	"	
Naphthalene	"	36.5	---	5.00	"	"	1.38	"	87.9%	(59-182)	4.15%	"	"	
Toluene	"	32.7	---	0.500	"	"	ND	"	81.8%	(75-125)	2.54%	"	"	
o-Xylene	"	34.5	---	1.00	"	"	ND	"	86.3%	(75-130)	0.865%	"	"	
m,p-Xylene	"	68.3	---	2.00	"	"	ND	80.0	85.3%	(75-135)	2.20%	"	"	
Xylenes (total)	"	103	---	3.00	"	"	ND	120	85.7%	(60-140)	1.75%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>		<i>93.8%</i>		<i>Limits: 70-130%</i>		<i>"</i>		<i>11/10/08 18:44</i>				
<i>Toluene-d8</i>		<i>94.0%</i>		<i>75-125%</i>		<i>"</i>		<i>"</i>						
<i>4-BFB</i>		<i>98.8%</i>		<i>75-125%</i>		<i>"</i>		<i>"</i>						

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: ConocoPhillips Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 11/13/08 19:49
---	---	--

CERTIFICATION SUMMARY

TestAmerica Seattle

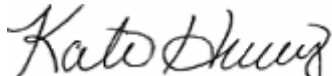
Method	Matrix	Nelac	Washington
EPA 6020 - Diss	Water	X	X
EPA 6020	Water	X	X
EPA 8260B	Water	X	X
NWTPH-Dx	Water		X
NWTPH-Gx	Water		X

Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	ConocoPhillips Westlake	Report Created:
	Project Number:	01CP.01396.44	11/13/08 19:49
	Project Manager:	Jennifer Yotz	

Notes and Definitions

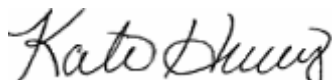
Report Specific Notes:

- P7 - Sample filtered in lab.
- Q5 - Results in the diesel organics range are primarily due to overlap from a gasoline range product.
- Z - Due to sample matrix effects, the surrogate recovery was below the acceptance limits.

Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA - Not Reported / Not Available
- dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle



Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: **BRK0047**

CLIENT: STANTEC		INVOICE TO: SIAME								TURNAROUND REQUEST in Business Days * Organic & Inorganic Analyses <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. Petroleum Hydrocarbon Analyses <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. <input type="checkbox"/> OTHER Specify: * Turnaround Requests less than standard may incur Rush Charges.					
REPORT TO: JGW YOTZ ADDRESS: 12034 134th CT NE REDMOND, WA		P.O. NUMBER:													
PHONE: 372.16000 FAX: 372.16500		PRESERVATIVE													
PROJECT NAME: WESTRake		REQUESTED ANALYSES													
PROJECT NUMBER: 01CP.01396.44															
SAMPLED BY:															
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	TPH _{OX}	TPH _{DX}	KEROSENE	BTEX	NAHTHALOX	TOTAL LEAD	DISS LEAD			MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID	
1 C1-1	11-05-08/1115	X	X	X	X	X	X	X			W	10		-01	
2 C1-2	11-05-08/1130	X	X	X	X	X	X	X			W	10		-02	
3 MW-32A	11-05-08/0954	X	X	X	X	X	X	X			W	10		-03	
4 MW-34	11-05-08/0826	X	X	X	X	X	X	X			W	10		-04	
5 MW-35	11-05-08/1227	X	X	X	X	X	X	X			W	10		-05	
6 MW-52	11-05-08/1045	X	X	X	X	X	X	X			W	10		-04	
7 MW-57	11-05-08/1127	X	X	X	X	X	X	X			W	10		-07	
8 MW-59	11-05-08/0909	X	X	X	X	X	X	X			W	10		-08	
9 MW-60	11-05-08/1300	X	X	X	X	X	X	X			W	10		-09	
10 MW-202	11-05-08/1230	X	X	X	X	X	X	X			W	10		-10	
RELEASED BY: Debbie Hanson		FIRM: Stantec		DATE: 11/5/08		TIME: 1530		RECEIVED BY: Francisco Luna, Jr		FIRM: TA SEA		DATE: 11/5/08		TIME: 1530	
PRINT NAME: Debbie Hanson		FIRM:		DATE:		TIME:		RECEIVED BY:		FIRM:		DATE:		TIME:	
ADDITIONAL REMARKS:		@L6h1615 w/o TEMP: 9.2 PAGE OF													

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: **BRK0047**

CLIENT: SPANTEC		INVOICE TO: SAME		TURNAROUND REQUEST in Business Days * Organic & Inorganic Analyses <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. Petroleum Hydrocarbon Analyses <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. <input type="checkbox"/> OTHER Specify: * Turnaround Requests less than standard may incur Rush Charges.													
REPORT TO: JEW YOTZ ADDRESS: 12034 134th Ct NE Redmond, WA		P.O. NUMBER:															
PHONE: 372-1600 FAX: 372-1650																	
PROJECT NAME: WESTLAKE		PRESERVATIVE															
PROJECT NUMBER: 014.01396.44		REQUESTED ANALYSES															
SAMPLED BY:		TPH-DX TPH-DX KEROSENE BTEX NAPHTHALENE TOTAL LOAD D.S.S. LOAD															
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	TPH-DX	TPH-DX	KEROSENE	BTEX	NAPHTHALENE	TOTAL LOAD	D.S.S. LOAD					MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID	
1 MW-207	11-05-08/1305	X	X	X	X	X	X	X					W	10	By 11/5/08	11	
2 MW-209	11-05-08/0835	X	X	X	X	X	X	X					W	10		12	
3 MW-210	11-05-08/0915	X	X	X	X	X	X	X					W	10		13	
4 MW-211	11-05-08/1000	X	X	X	X	X	X	X					W	10		14	
5 Trip blank	11-05-08 / 1530												W	4		15	
6																	
7																	
8																	
9																	
10																	
RELEASED BY: Debbie Hanson		FIRM: Spantec		DATE: 11/5/08		TIME: 1530		RECEIVED BY: Francisco Lung, Jr		FIRM: TA-SEA		DATE: 11/5/08		TIME: 1530			
PRINT NAME: Debbie Hanson								PRINT NAME: Francisco Lung, Jr									
RECEIVED BY:		FIRM:		DATE:		TIME:		RECEIVED BY:		FIRM:		DATE:		TIME:			
PRINT NAME:		FIRM:		DATE:		TIME:		PRINT NAME:		FIRM:		DATE:		TIME:			
ADDITIONAL REMARKS:												@ Lab 1615 w/o		TEMP: 9.2°C		PAGE OF	

01110608

TAT: _____

Paperwork to PM - Date: _____ Time: _____

Non-Conformances?

Page Time & Initials: _____

Circle or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By:
(applies to temp at receipt)

Logged-in By:

Unpacked/Labeled By:

Cooler ID: 311, 209, 337, 374, 310

Date: 11-5-08

Date: 11-5-08

Date: 11-06-08

Work Order No. BRK0047

Time: 1615

Time: 1813

Time: 1427

Client: _____

Initials: F.L

Initials: RF

Initials: CW

Project: _____

Container Type:

COC Seals:

Packing Material _____:

Cooler

____ Ship Container

____ Sign By

Bubble Bags

____ Styrofoam

____ Box

____ On Bottles

____ Date

____ Foam Packs

____ None/Other _____

None

____ None/Other _____

Refrigerant:

Received Via: Bill#

____ Gel Ice Pack _____

____ Fed Ex _____ Client

Loose Ice _____

____ UPS TA Courier

____ None/Other _____

____ DHL _____ Mid Valley

____ Senvoy _____ TDP

____ GS _____ Other _____

92

Cooler Temperature (IR): 9.2 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)

Temperature Blank? 6.9-8.6-6.5-9.2 (circle one) or NA

Trip Blank? or N or NA

BP, OPLC, ARCO-Temperature monitoring every 15 minutes:

(initial/date/time): _____

Comments: _____

Sample Containers:

ID

ID

Intact? or N _____

Metals Preserved? or or NA both.

Provided by TA? or N _____

Client QAPP Preserved? Y or N or NA

Correct Type? or N _____

Adequate Volume? or N _____

#Containers match COC? Y or N _____

Water VOAs: Headspace? or N or NA MW-34(c)

IDs/time/date match COC? or N _____

Comments: _____

Hold Times in hold? or N _____

PROJECT MANAGEMENT

Is the Chain of Custody complete?

Y or N If N, circle the items that were incomplete

Comments, Problems _____

Total access set up?

Y or N

Has client been contacted regarding non-conformances?

Y or N

If Y, _____ / _____
Date Time

PM Initials: _____ Date: _____ Time: _____

December 04, 2008

Jennifer Yotz
Stantec
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)
Redmond, WA/USA 98073

RE: COP Westlake

Enclosed are the results of analyses for samples received by the laboratory on 11/04/08 15:45.
The following list is a summary of the Work Orders contained in this report, generated on 12/04/08
09:12.

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

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
BRK0023	COP Westlake	01CP.01396.44

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	COP Westlake	Report Created:
	Project Number:	01CP.01396.44	12/04/08 09:12
	Project Manager:	Jennifer Yotz	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-38	BRK0023-01	Water	11/04/08 12:40	11/04/08 15:45
MW-41	BRK0023-02	Water	11/04/08 09:40	11/04/08 15:45
MW-44	BRK0023-03	Water	11/04/08 11:55	11/04/08 15:45
MW-80	BRK0023-04	Water	11/04/08 11:30	11/04/08 15:45
MW-81	BRK0023-05	Water	11/04/08 12:00	11/04/08 15:45
MW-82	BRK0023-06	Water	11/04/08 09:35	11/04/08 15:45
MW-86	BRK0023-07	Water	11/04/08 12:35	11/04/08 15:45
MW-87	BRK0023-08	Water	11/04/08 13:30	11/04/08 15:45
MW-89	BRK0023-09	Water	11/04/08 10:20	11/04/08 15:45
MW-95	BRK0023-10	Water	11/04/08 10:45	11/04/08 15:45
MW-102	BRK0023-11	Water	11/04/08 08:55	11/04/08 15:45
MW-203	BRK0023-12	Water	11/04/08 13:20	11/04/08 15:45
SMW-3	BRK0023-13	Water	11/04/08 13:45	11/04/08 15:45
MW-51	BRK0023-14	Water	11/04/08 09:52	11/04/08 15:45
MW-53	BRK0023-15	Water	11/04/08 13:27	11/04/08 15:45
MW-58	BRK0023-16	Water	11/04/08 14:26	11/04/08 15:45
TB	BRK0023-17	Water	11/04/08 15:00	11/04/08 15:45

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	-----------------------------------

Analytical Case Narrative
TestAmerica - Seattle, WA

BRK0023

SAMPLE RECEIPT

The samples were received November 4th, 2008 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 11.4 degrees Celsius which is outside the recommended temperature range of 2-6 Degrees Celsius. The samples are considered acceptable as they were recieved on-ice within four hours of the collection of the last sampled time on the COC.

PREPARATIONS AND ANALYSIS

No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	12/04/08 09:12

Volatile Petroleum Products by NWTPH-Gx
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-01 (MW-38)		Water			Sampled: 11/04/08 12:40					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 13:53	
Surrogate(s): 4-BFB (FID)			98.1%		58 - 144 %	"				"
BRK0023-02 (MW-41)		Water			Sampled: 11/04/08 09:40					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 14:58	
Surrogate(s): 4-BFB (FID)			101%		58 - 144 %	"				"
BRK0023-03 (MW-44)		Water			Sampled: 11/04/08 11:55					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 16:03	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"				"
BRK0023-04 (MW-80)		Water			Sampled: 11/04/08 11:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 16:35	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"				"
BRK0023-05 (MW-81)		Water			Sampled: 11/04/08 12:00					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 17:08	
Surrogate(s): 4-BFB (FID)			100%		58 - 144 %	"				"
BRK0023-06 (MW-82)		Water			Sampled: 11/04/08 09:35					
Gasoline Range Hydrocarbons	NWTPH-Gx	20900	----	1000	ug/l	20x	8K05020	11/05/08 10:34	11/06/08 10:11	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	1x				"
BRK0023-07 (MW-86)		Water			Sampled: 11/04/08 12:35					
Gasoline Range Hydrocarbons	NWTPH-Gx	2430	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 19:49	
Surrogate(s): 4-BFB (FID)			125%		58 - 144 %	"				"
BRK0023-08 (MW-87)		Water			Sampled: 11/04/08 13:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 08:34	
Surrogate(s): 4-BFB (FID)			100%		58 - 144 %	"				"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	12/04/08 09:12

Volatile Petroleum Products by NWTPH-Gx
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-09 (MW-89)		Water			Sampled: 11/04/08 10:20					
Gasoline Range Hydrocarbons	NWTPH-Gx	4590	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 20:54	
Surrogate(s): 4-BFB (FID)			100%		58 - 144 %	"				"
BRK0023-10 (MW-95)		Water			Sampled: 11/04/08 10:45					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 08:02	
Surrogate(s): 4-BFB (FID)			100%		58 - 144 %	"				"
BRK0023-11 (MW-102)		Water			Sampled: 11/04/08 08:55					
Gasoline Range Hydrocarbons	NWTPH-Gx	8720	----	250	ug/l	5x	8K05020	11/05/08 10:34	11/06/08 09:38	
Surrogate(s): 4-BFB (FID)			101%		58 - 144 %	1x				"
BRK0023-12 (MW-203)		Water			Sampled: 11/04/08 13:20					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 07:30	
Surrogate(s): 4-BFB (FID)			99.7%		58 - 144 %	"				"
BRK0023-13 (SMW-3)		Water			Sampled: 11/04/08 13:45					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 23:02	
Surrogate(s): 4-BFB (FID)			99.2%		58 - 144 %	"				"
BRK0023-14 (MW-51)		Water			Sampled: 11/04/08 09:52					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/05/08 23:34	
Surrogate(s): 4-BFB (FID)			99.0%		58 - 144 %	"				"
BRK0023-15 (MW-53)		Water			Sampled: 11/04/08 13:27					
Gasoline Range Hydrocarbons	NWTPH-Gx	117	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 00:06	
Surrogate(s): 4-BFB (FID)			97.5%		58 - 144 %	"				"
BRK0023-16 (MW-58)		Water			Sampled: 11/04/08 14:26					
Gasoline Range Hydrocarbons	NWTPH-Gx	1310	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 02:14	
Surrogate(s): 4-BFB (FID)			99.4%		58 - 144 %	"				"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	COP Westlake	Report Created:
	Project Number:	01CP.01396.44	12/04/08 09:12
	Project Manager:	Jennifer Yotz	

Volatile Petroleum Products by NWTPH-Gx
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-17 (TB)		Water			Sampled: 11/04/08 15:00					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K05020	11/05/08 10:34	11/06/08 01:42	
<i>Surrogate(s): 4-BFB (FID)</i>			98.3%		58 - 144 %	"				"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:12
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-01 (MW-38)		Water			Sampled: 11/04/08 12:40					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 15:18	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				79.1%		53 - 125 %	"			"
<i>Octacosane</i>				88.9%		68 - 125 %	"			"
BRK0023-02 (MW-41)		Water			Sampled: 11/04/08 09:40					
Lube Oil	NWTPH-Dx	ND	----	0.490	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 13:58	
Kerosene	"	ND	----	0.245	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.245	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				76.4%		53 - 125 %	"			"
<i>Octacosane</i>				83.8%		68 - 125 %	"			"
BRK0023-03 (MW-44)		Water			Sampled: 11/04/08 11:55					
Lube Oil	NWTPH-Dx	ND	----	0.495	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 16:03	
Kerosene	"	ND	----	0.248	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.248	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				79.8%		53 - 125 %	"			"
<i>Octacosane</i>				87.5%		68 - 125 %	"			"
BRK0023-04 (MW-80)		Water			Sampled: 11/04/08 11:30					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 16:25	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				77.3%		53 - 125 %	"			"
<i>Octacosane</i>				82.7%		68 - 125 %	"			"
BRK0023-05 (MW-81)		Water			Sampled: 11/04/08 12:00					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 16:48	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				66.4%		53 - 125 %	"			"
<i>Octacosane</i>				75.1%		68 - 125 %	"			"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-06 (MW-82)		Water				Sampled: 11/04/08 09:35				
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 17:10	
Kerosene	"	3.37	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				78.5%		53 - 125 %	"			"
<i>Octacosane</i>				85.5%		68 - 125 %	"			"
BRK0023-07 (MW-86)		Water				Sampled: 11/04/08 12:35				
Lube Oil	NWTPH-Dx	ND	----	0.490	mg/l	1x	8K05007	11/05/08 08:38	11/06/08 17:32	
Kerosene	"	0.545	----	0.245	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.245	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				78.7%		53 - 125 %	"			"
<i>Octacosane</i>				84.7%		68 - 125 %	"			"
BRK0023-08 (MW-87)		Water				Sampled: 11/04/08 13:30				
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 08:21	
Kerosene	"	ND	----	0.243	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				79.3%		53 - 125 %	"			"
<i>Octacosane</i>				86.2%		68 - 125 %	"			"
BRK0023-09 (MW-89)		Water				Sampled: 11/04/08 10:20				
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 08:44	
Kerosene	"	1.61	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				77.8%		53 - 125 %	"			"
<i>Octacosane</i>				87.5%		68 - 125 %	"			"
BRK0023-10 (MW-95)		Water				Sampled: 11/04/08 10:45				
Lube Oil	NWTPH-Dx	ND	----	0.495	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 09:06	
Kerosene	"	ND	----	0.248	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.248	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				72.7%		53 - 125 %	"			"
<i>Octacosane</i>				78.6%		68 - 125 %	"			"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	--

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-11 (MW-102)		Water				Sampled: 11/04/08 08:55				
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 09:28	
Kerosene	"	2.92	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	0.497	----	0.236	"	"	"	"	"	Q5
<i>Surrogate(s): 2-FBP</i>				76.4%						
<i>Octacosane</i>				84.4%						
BRK0023-12 (MW-203)		Water				Sampled: 11/04/08 13:20				
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 13:12	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				73.2%						
<i>Octacosane</i>				86.7%						
BRK0023-13 (SMW-3)		Water				Sampled: 11/04/08 13:45				
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 10:13	
Kerosene	"	ND	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				70.4%						
<i>Octacosane</i>				81.2%						
BRK0023-14 (MW-51)		Water				Sampled: 11/04/08 09:52				
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 10:36	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				74.7%						
<i>Octacosane</i>				83.0%						
BRK0023-15 (MW-53)		Water				Sampled: 11/04/08 13:27				
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 10:58	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				65.6%						
<i>Octacosane</i>				74.6%						

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-16 (MW-58)		Water			Sampled: 11/04/08 14:26					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K05007	11/05/08 08:38	11/07/08 11:20	
Kerosene	"	0.335	----	0.236	"	"	"	"	"	"
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	"
<i>Surrogate(s): 2-FBP</i>				78.9%		53 - 125 %	"			"
<i>Octacosane</i>				85.0%		68 - 125 %	"			"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-01 (MW-38)		Water			Sampled: 11/04/08 12:40					
Lead	EPA 6020	0.00599	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 09:39	
BRK0023-02 (MW-41)		Water			Sampled: 11/04/08 09:40					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 09:44	
BRK0023-03 (MW-44)		Water			Sampled: 11/04/08 11:55					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 09:50	
BRK0023-04 (MW-80)		Water			Sampled: 11/04/08 11:30					
Lead	EPA 6020	0.00366	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 09:56	
BRK0023-05 (MW-81)		Water			Sampled: 11/04/08 12:00					
Lead	EPA 6020	0.00790	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:02	
BRK0023-06 (MW-82)		Water			Sampled: 11/04/08 09:35					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:08	
BRK0023-07 (MW-86)		Water			Sampled: 11/04/08 12:35					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:13	
BRK0023-08 (MW-87)		Water			Sampled: 11/04/08 13:30					
Lead	EPA 6020	0.00146	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:19	
BRK0023-09 (MW-89)		Water			Sampled: 11/04/08 10:20					
Lead	EPA 6020	0.0164	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:25	
BRK0023-10 (MW-95)		Water			Sampled: 11/04/08 10:45					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:31	
BRK0023-11 (MW-102)		Water			Sampled: 11/04/08 08:55					
Lead	EPA 6020	0.00192	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 10:54	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-12 (MW-203)		Water			Sampled: 11/04/08 13:20					
Lead	EPA 6020	0.272	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 11:00	
BRK0023-13 (SMW-3)		Water			Sampled: 11/04/08 13:45					
Lead	EPA 6020	0.00588	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 11:05	
BRK0023-14 (MW-51)		Water			Sampled: 11/04/08 09:52					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 11:11	
BRK0023-15 (MW-53)		Water			Sampled: 11/04/08 13:27					
Lead	EPA 6020	0.135	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 11:17	
BRK0023-16 (MW-58)		Water			Sampled: 11/04/08 14:26					
Lead	EPA 6020	0.00347	----	0.00100	mg/l	1x	8K07030	11/07/08 13:39	11/11/08 11:28	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	---------------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-01 (MW-38)		Water			Sampled: 11/04/08 12:40					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 19:33	
BRK0023-02 (MW-41)		Water			Sampled: 11/04/08 09:40					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 19:56	
BRK0023-03 (MW-44)		Water			Sampled: 11/04/08 11:55					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:02	
BRK0023-04 (MW-80)		Water			Sampled: 11/04/08 11:30					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:08	
BRK0023-05 (MW-81)		Water			Sampled: 11/04/08 12:00					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:13	
BRK0023-06 (MW-82)		Water			Sampled: 11/04/08 09:35					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:19	
BRK0023-07 (MW-86)		Water			Sampled: 11/04/08 12:35					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:25	
BRK0023-08 (MW-87)		Water			Sampled: 11/04/08 13:30					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:31	
BRK0023-09 (MW-89)		Water			Sampled: 11/04/08 10:20					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:37	
BRK0023-10 (MW-95)		Water			Sampled: 11/04/08 10:45					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:42	
BRK0023-11 (MW-102)		Water			Sampled: 11/04/08 08:55					P7
Lead	EPA 6020 - Diss	0.00136	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 20:48	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
BRK0023-12 (MW-203)		Water			Sampled: 11/04/08 13:20						P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 21:23		
BRK0023-13 (SMW-3)		Water			Sampled: 11/04/08 13:45						P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 21:29		
BRK0023-14 (MW-51)		Water			Sampled: 11/04/08 09:52						P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 21:35		
BRK0023-15 (MW-53)		Water			Sampled: 11/04/08 13:27						P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 21:41		
BRK0023-16 (MW-58)		Water			Sampled: 11/04/08 14:26						P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10011	11/10/08 09:29	11/10/08 21:46		

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	12/04/08 09:12

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0023-01 (MW-38) Water Sampled: 11/04/08 12:40

Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 03:28	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				108%		70 - 130 %	"			"
<i>Toluene-d8</i>				118%		75 - 125 %	"			"
<i>4-BFB</i>				103%		75 - 125 %	"			"

BRK0023-02 (MW-41) Water Sampled: 11/04/08 09:40

Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 03:53	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				109%		70 - 130 %	"			"
<i>Toluene-d8</i>				114%		75 - 125 %	"			"
<i>4-BFB</i>				104%		75 - 125 %	"			"

BRK0023-03 (MW-44) Water Sampled: 11/04/08 11:55

Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 04:18	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				108%		70 - 130 %	"			"
<i>Toluene-d8</i>				113%		75 - 125 %	"			"
<i>4-BFB</i>				103%		75 - 125 %	"			"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	---------------------------------------

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-04 (MW-80)		Water				Sampled: 11/04/08 11:30				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 04:43	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				108%		70 - 130 %	"			"
<i>Toluene-d8</i>				115%		75 - 125 %	"			"
<i>4-BFB</i>				103%		75 - 125 %	"			"
BRK0023-05 (MW-81)		Water				Sampled: 11/04/08 12:00				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 05:09	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				108%		70 - 130 %	"			"
<i>Toluene-d8</i>				115%		75 - 125 %	"			"
<i>4-BFB</i>				105%		75 - 125 %	"			"
BRK0023-06 (MW-82)		Water				Sampled: 11/04/08 09:35				
Methyl tert-butyl ether	EPA 8260B	ND	----	1.00	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 05:34	
Naphthalene	"	75.2	----	5.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				109%		70 - 130 %	"			"
<i>Toluene-d8</i>				118%		75 - 125 %	"			"
<i>4-BFB</i>				108%		75 - 125 %	"			"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	---------------------------------------

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0023-06RE1 (MW-82)		Water			Sampled: 11/04/08 09:35					
Benzene	EPA 8260B	1050	----	20.0	ug/l	40x	8K06010	11/06/08 08:00	11/06/08 13:01	
Ethylbenzene	"	549	----	20.0	"	"	"	"	"	"
Toluene	"	177	----	20.0	"	"	"	"	"	"
o-Xylene	"	974	----	40.0	"	"	"	"	"	"
m,p-Xylene	"	2790	----	80.0	"	"	"	"	"	"
Xylenes (total)	"	3760	----	120	"	"	"	"	"	"
Surrogate(s): 1,2-DCA-d4			105%		70 - 130 %	1x				"
Toluene-d8			117%		75 - 125 %	"				"
4-BFB			101%		75 - 125 %	"				"

BRK0023-07 (MW-86)		Water			Sampled: 11/04/08 12:35					
Ethylbenzene	EPA 8260B	4.90	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 06:00	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"
Surrogate(s): 1,2-DCA-d4			111%		70 - 130 %	"				"
Toluene-d8			111%		75 - 125 %	"				"
4-BFB			102%		75 - 125 %	"				"

BRK0023-07RE1 (MW-86)		Water			Sampled: 11/04/08 12:35					
Benzene	EPA 8260B	232	----	5.00	ug/l	10x	8K06010	11/06/08 08:00	11/06/08 13:26	
Toluene	"	ND	----	5.00	"	"	"	"	"	"
o-Xylene	"	ND	----	10.0	"	"	"	"	"	"
m,p-Xylene	"	25.6	----	20.0	"	"	"	"	"	"
Xylenes (total)	"	ND	----	30.0	"	"	"	"	"	"
Surrogate(s): 1,2-DCA-d4			103%		70 - 130 %	1x				"
Toluene-d8			117%		75 - 125 %	"				"
4-BFB			105%		75 - 125 %	"				"

BRK0023-08 (MW-87)		Water			Sampled: 11/04/08 13:30					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 06:25	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	"
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"
Toluene	"	ND	----	0.500	"	"	"	"	"	"
o-Xylene	"	ND	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	"
Surrogate(s): 1,2-DCA-d4			107%		70 - 130 %	"				"
Toluene-d8			115%		75 - 125 %	"				"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	---------------------------------------

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0023-08 (MW-87)	Water				Sampled: 11/04/08 13:30					
<i>4-BFB</i>		<i>105%</i>		<i>75 - 125 %</i>	<i>1x</i>				<i>11/06/08 06:25</i>	

BRK0023-09 (MW-89)	Water				Sampled: 11/04/08 10:20					
Benzene	EPA 8260B	2.27	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 06:50	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Naphthalene	"	61.2	----	5.00	"	"	"	"	"	"
Toluene	"	1.55	----	0.500	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>108%</i>		<i>70 - 130 %</i>	<i>"</i>				<i>"</i>	
<i>Toluene-d8</i>		<i>114%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>	
<i>4-BFB</i>		<i>100%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>	

BRK0023-09RE1 (MW-89)	Water				Sampled: 11/04/08 10:20					
Ethylbenzene	EPA 8260B	150	----	20.0	ug/l	40x	8K06010	11/06/08 08:00	11/06/08 13:51	
o-Xylene	"	ND	----	40.0	"	"	"	"	"	"
m,p-Xylene	"	200	----	80.0	"	"	"	"	"	"
Xylenes (total)	"	214	----	120	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>108%</i>		<i>70 - 130 %</i>	<i>1x</i>				<i>"</i>	
<i>Toluene-d8</i>		<i>114%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>	
<i>4-BFB</i>		<i>99.8%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>	

BRK0023-10 (MW-95)	Water				Sampled: 11/04/08 10:45					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05051	11/05/08 19:18	11/06/08 07:16	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	"
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"
Toluene	"	ND	----	0.500	"	"	"	"	"	"
o-Xylene	"	ND	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>104%</i>		<i>70 - 130 %</i>	<i>"</i>				<i>"</i>	
<i>Toluene-d8</i>		<i>115%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>	
<i>4-BFB</i>		<i>103%</i>		<i>75 - 125 %</i>	<i>"</i>				<i>"</i>	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:12
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0023-11 (MW-102)		Water			Sampled: 11/04/08 08:55					
Methyl tert-butyl ether	EPA 8260B	ND	----	1.00	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 13:16	
Toluene	"	1.23	----	0.500	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				103%		70 - 130 %	"			"
<i>Toluene-d8</i>				95.6%		75 - 125 %	"			"
<i>4-BFB</i>				99.8%		75 - 125 %	"			"

BRK0023-11RE1 (MW-102)		Water			Sampled: 11/04/08 08:55					
Benzene	EPA 8260B	232	----	5.00	ug/l	10x	8K07015	11/07/08 11:21	11/07/08 16:47	
Ethylbenzene	"	366	----	5.00	"	"	"	"	"	
Naphthalene	"	108	----	50.0	"	"	"	"	"	
o-Xylene	"	10.1	----	10.0	"	"	"	"	"	
m,p-Xylene	"	238	----	20.0	"	"	"	"	"	
Xylenes (total)	"	248	----	30.0	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				103%		70 - 130 %	1x			"
<i>Toluene-d8</i>				98.0%		75 - 125 %	"			"
<i>4-BFB</i>				98.8%		75 - 125 %	"			"

BRK0023-12 (MW-203)		Water			Sampled: 11/04/08 13:20					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 13:45	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				90.2%		70 - 130 %	"			"
<i>Toluene-d8</i>				97.2%		75 - 125 %	"			"
<i>4-BFB</i>				99.4%		75 - 125 %	"			"

BRK0023-12RE1 (MW-203)		Water			Sampled: 11/04/08 13:20					
Naphthalene	EPA 8260B	ND	----	5.00	ug/l	1x	8K07015	11/07/08 11:21	11/07/08 18:31	
<i>Surrogate(s): 1,2-DCA-d4</i>				103%		70 - 130 %	"			"
<i>Toluene-d8</i>				97.8%		75 - 125 %	"			"
<i>4-BFB</i>				101%		75 - 125 %	"			"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	12/04/08 09:12

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0023-13 (SMW-3)		Water			Sampled: 11/04/08 13:45					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 14:13	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				95.2%		70 - 130 %	"			"
<i>Toluene-d8</i>				94.5%		75 - 125 %	"			"
<i>4-BFB</i>				101%		75 - 125 %	"			"

BRK0023-14 (MW-51)		Water			Sampled: 11/04/08 09:52					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 14:42	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				97.2%		70 - 130 %	"			"
<i>Toluene-d8</i>				96.4%		75 - 125 %	"			"
<i>4-BFB</i>				101%		75 - 125 %	"			"

BRK0023-15 (MW-53)		Water			Sampled: 11/04/08 13:27					
Benzene	EPA 8260B	6.65	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 15:11	
Ethylbenzene	"	2.92	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				95.8%		70 - 130 %	"			"
<i>Toluene-d8</i>				95.9%		75 - 125 %	"			"
<i>4-BFB</i>				99.5%		75 - 125 %	"			"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	12/04/08 09:12

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0023-16 (MW-58)		Water				Sampled: 11/04/08 14:26				
Ethylbenzene	EPA 8260B	80.9	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 15:40	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Naphthalene	"	8.62	----	5.00	"	"	"	"	"	"
Toluene	"	1.46	----	0.500	"	"	"	"	"	"
o-Xylene	"	4.83	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	94.9	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	99.7	----	3.00	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>			96.2%		70 - 130 %	"				"
<i>Toluene-d8</i>			96.9%		75 - 125 %	"				"
<i>4-BFB</i>			94.8%		75 - 125 %	"				"

BRK0023-16RE1 (MW-58)		Water				Sampled: 11/04/08 14:26				
Benzene	EPA 8260B	130	----	5.00	ug/l	10x	8K07015	11/07/08 11:21	11/07/08 17:13	
<i>Surrogate(s): 1,2-DCA-d4</i>			102%		70 - 130 %	1x				"
<i>Toluene-d8</i>			99.0%		75 - 125 %	"				"
<i>4-BFB</i>			99.8%		75 - 125 %	"				"

BRK0023-17 (TB)		Water				Sampled: 11/04/08 15:00				
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K05036	11/05/08 13:30	11/05/08 17:26	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	"
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Toluene	"	ND	----	0.500	"	"	"	"	"	"
o-Xylene	"	ND	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>			108%		70 - 130 %	"				"
<i>Toluene-d8</i>			99.5%		75 - 125 %	"				"
<i>4-BFB</i>			99.2%		75 - 125 %	"				"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	---------------------------------------

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05020 Water Preparation Method: EPA 5030B (P/T)

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K05020-BLK1)								Extracted: 11/05/08 10:34						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	11/05/08 12:49	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 101%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/05/08 12:49</i>	
LCS (8K05020-BS1)								Extracted: 11/05/08 10:34						
Gasoline Range Hydrocarbons	NWTPH-Gx	959	---	50.0	ug/l	1x	--	1000	95.9%	(80-120)	--	--	11/05/08 13:21	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 108%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/05/08 13:21</i>	
Duplicate (8K05020-DUP1)				QC Source: BRK0023-01				Extracted: 11/05/08 10:34						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR (25)		11/05/08 14:26	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 100%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/05/08 14:26</i>	
Duplicate (8K05020-DUP2)				QC Source: BRK0023-02				Extracted: 11/05/08 10:34						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR (25)		11/05/08 15:30	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 104%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/05/08 15:30</i>	
Matrix Spike (8K05020-MS1)				QC Source: BRK0023-01				Extracted: 11/05/08 10:34						
Gasoline Range Hydrocarbons	NWTPH-Gx	994	---	50.0	ug/l	1x	ND	1000	99.4%	(75-131)	--	--	11/05/08 17:40	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 106%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/05/08 17:40</i>	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05007 Water Preparation Method: EPA 3520C

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K05007-BLK1)													Extracted: 11/05/08 08:38	
Lube Oil	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	11/06/08 14:11	
Kerosene	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
Diesel Range Hydrocarbons	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>83.2%</i>	<i>Limits: 53-125%</i>		<i>"</i>								<i>11/06/08 14:11</i>
<i>Octacosane</i>		<i>91.2%</i>		<i>68-125%</i>		<i>"</i>								<i>"</i>
LCS (8K05007-BS1)													Extracted: 11/05/08 08:38	
Diesel Range Hydrocarbons	NWTPH-Dx	1.79	---	0.250	mg/l	1x	--	2.00	89.7%	(61-132)	--	--	11/06/08 14:33	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>86.3%</i>	<i>Limits: 53-125%</i>		<i>"</i>								<i>11/06/08 14:33</i>
<i>Octacosane</i>		<i>89.4%</i>		<i>68-125%</i>		<i>"</i>								<i>"</i>
LCS Dup (8K05007-BSD1)													Extracted: 11/05/08 08:38	
Diesel Range Hydrocarbons	NWTPH-Dx	1.82	---	0.250	mg/l	1x	--	2.00	91.1%	(61-132)	1.51% (35)		11/06/08 14:55	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>90.2%</i>	<i>Limits: 53-125%</i>		<i>"</i>								<i>11/06/08 14:55</i>
<i>Octacosane</i>		<i>94.4%</i>		<i>68-125%</i>		<i>"</i>								<i>"</i>

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:12
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K07030 Water Preparation Method: EPA 3020A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K07030-BLK1)								Extracted: 11/07/08 13:39						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/11/08 08:52	
LCS (8K07030-BS1)								Extracted: 11/07/08 13:39						
Lead	EPA 6020	0.0786	---	0.00100	mg/l	1x	--	0.0800	98.2%	(80-120)	--	--	11/11/08 08:58	
Duplicate (8K07030-DUP1)				QC Source: BRK0023-01				Extracted: 11/07/08 13:39						
Lead	EPA 6020	0.00563	---	0.00100	mg/l	1x	0.00599	--	--	--	6.20% (20)	--	11/11/08 09:15	
Matrix Spike (8K07030-MS1)				QC Source: BRK0023-01				Extracted: 11/07/08 13:39						
Lead	EPA 6020	0.0849	---	0.00100	mg/l	1x	0.00599	0.0800	98.6%	(75-125)	--	--	11/11/08 09:10	
Post Spike (8K07030-PS1)				QC Source: BRK0023-01				Extracted: 11/07/08 13:39						
Lead	EPA 6020	0.106	---		ug/ml	1x	0.00599	0.100	99.5%	(80-120)	--	--	11/11/08 09:04	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	12/04/08 09:12

Dissolved Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K10011 Water Preparation Method: EPA 3005A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
Blank (8K10011-BLK1)													Extracted: 11/10/08 09:29			
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/10/08 19:09			
LCS (8K10011-BS1)													Extracted: 11/10/08 09:29			
Lead	EPA 6020 - Diss	0.202	---	0.00100	mg/l	1x	--	0.200	101%	(80-120)	--	--	11/10/08 19:15			
Duplicate (8K10011-DUP1)													QC Source: BRK0023-01		Extracted: 11/10/08 09:29	
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	ND	--	--	--	NR (20)		11/10/08 19:27			
Matrix Spike (8K10011-MS1)													QC Source: BRK0023-01		Extracted: 11/10/08 09:29	
Lead	EPA 6020 - Diss	0.0924	---	0.00100	mg/l	1x	ND	0.100	91.9%	(75-125)	--	--	11/10/08 19:21			

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:12
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05036 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
Blank (8K05036-BLK1)													Extracted: 11/05/08 13:30			
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/05/08 16:00			
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"			
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"			
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 92.6%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 16:00</i>
<i>Toluene-d8</i>													<i>96.3%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>101%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

LCS (8K05036-BS1)													Extracted: 11/05/08 13:30			
Benzene	EPA 8260B	34.3	---	0.500	ug/l	1x	--	40.0	85.7%	(80-120)	--	--	11/05/08 13:54			
Ethylbenzene	"	36.8	---	0.500	"	"	--	"	92.0%	(75-125)	--	--	"			
Methyl tert-butyl ether	"	37.2	---	1.00	"	"	--	"	93.0%	(75-126)	--	--	"			
Naphthalene	"	36.3	---	5.00	"	"	--	"	90.7%	(65-144)	--	--	"			
Toluene	"	34.6	---	0.500	"	"	--	"	86.5%	(75-125)	--	--	"			
o-Xylene	"	36.8	---	1.00	"	"	--	"	92.0%	(75-130)	--	--	"			
m,p-Xylene	"	74.2	---	2.00	"	"	--	80.0	92.7%	(75-125)	--	--	"			
Xylenes (total)	"	111	---	3.00	"	"	--	120	92.5%	"	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 99.4%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 13:54</i>
<i>Toluene-d8</i>													<i>96.0%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>97.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

Matrix Spike (8K05036-MS1)													QC Source: BRK0011-03		Extracted: 11/05/08 13:30	
Benzene	EPA 8260B	36.1	---	0.500	ug/l	1x	ND	40.0	90.3%	(80-124)	--	--	11/05/08 14:23			
Ethylbenzene	"	38.4	---	0.500	"	"	ND	"	95.9%	(62-151)	--	--	"			
Methyl tert-butyl ether	"	38.7	---	1.00	"	"	ND	"	96.8%	(75-126)	--	--	"			
Naphthalene	"	40.9	---	5.00	"	"	ND	"	102%	(59-182)	--	--	"			
Toluene	"	35.7	---	0.500	"	"	0.360	"	88.3%	(75-125)	--	--	"			
o-Xylene	"	37.5	---	1.00	"	"	ND	"	93.8%	(75-130)	--	--	"			
m,p-Xylene	"	75.0	---	2.00	"	"	0.510	80.0	93.1%	(75-135)	--	--	"			
Xylenes (total)	"	113	---	3.00	"	"	0.510	120	93.4%	(60-140)	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 98.6%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/05/08 14:23</i>
<i>Toluene-d8</i>													<i>92.4%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>98.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:12
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05036 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (8K05036-MSD1)			QC Source: BRK0011-03				Extracted: 11/05/08 13:30							
Benzene	EPA 8260B	35.3	---	0.500	ug/l	1x	ND	40.0	88.2%	(80-124)	2.41% (30)		11/05/08 14:52	
Ethylbenzene	"	37.1	---	0.500	"	"	ND	"	92.8%	(62-151)	3.28%	"	"	
Methyl tert-butyl ether	"	37.7	---	1.00	"	"	ND	"	94.3%	(75-126)	2.54%	"	"	
Naphthalene	"	42.7	---	5.00	"	"	ND	"	107%	(59-182)	4.14%	"	"	
Toluene	"	35.8	---	0.500	"	"	0.360	"	88.7%	(75-125)	0.447%	"	"	
o-Xylene	"	36.9	---	1.00	"	"	ND	"	92.2%	(75-130)	1.69%	"	"	
m,p-Xylene	"	72.8	---	2.00	"	"	0.510	80.0	90.3%	(75-135)	3.03%	"	"	
Xylenes (total)	"	110	---	3.00	"	"	0.510	120	91.0%	(60-140)	2.58%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>		<i>96.8%</i>		<i>Limits: 70-130%</i>		<i>"</i>		<i>11/05/08 14:52</i>				
<i>Toluene-d8</i>		<i>92.9%</i>		<i>75-125%</i>		<i>"</i>		<i>"</i>						
<i>4-BFB</i>		<i>98.4%</i>		<i>75-125%</i>		<i>"</i>		<i>"</i>						

QC Batch: 8K05051 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K05051-BLK1)							Extracted: 11/05/08 19:18							
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/05/08 22:50	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>		<i>113%</i>		<i>Limits: 70-130%</i>		<i>"</i>		<i>11/05/08 22:50</i>				
<i>Toluene-d8</i>		<i>112%</i>		<i>75-125%</i>		<i>"</i>		<i>"</i>						
<i>4-BFB</i>		<i>101%</i>		<i>75-125%</i>		<i>"</i>		<i>"</i>						

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8K05051-BS1)							Extracted: 11/05/08 19:18							
Benzene	EPA 8260B	37.2	---	0.500	ug/l	1x	--	40.0	93.0%	(80-120)	--	--	11/05/08 20:51	
Ethylbenzene	"	39.9	---	0.500	"	"	--	"	99.7%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	32.3	---	1.00	"	"	--	"	80.8%	(75-126)	--	--	"	
Naphthalene	"	40.7	---	5.00	"	"	--	"	102%	(65-144)	--	--	"	
Toluene	"	41.3	---	0.500	"	"	--	"	103%	(75-125)	--	--	"	
o-Xylene	"	41.1	---	1.00	"	"	--	"	103%	(75-130)	--	--	"	
m,p-Xylene	"	76.3	---	2.00	"	"	--	80.0	95.3%	(75-125)	--	--	"	
Xylenes (total)	"	117	---	3.00	"	"	--	120	97.8%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>		<i>106%</i>		<i>Limits: 70-130%</i>		<i>"</i>		<i>11/05/08 20:51</i>				

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	--

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K05051 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	---------------	-----------	-------	----------	-------	----------	----------	-------

LCS (8K05051-BS1) Extracted: 11/05/08 19:18

Surrogate(s): Toluene-d8	Recovery: 108%	Limits: 75-125%	Ix	11/05/08 20:51
4-BFB	99.0%	75-125%	"	"

Matrix Spike (8K05051-MS1) QC Source: BRK0010-04RE1 Extracted: 11/05/08 19:18

Benzene	EPA 8260B	43.7	---	0.500	ug/l	1x	ND	40.0	109%	(80-124)	--	--	11/05/08 21:16	
Ethylbenzene	"	51.8	---	0.500	"	"	ND	"	129%	(62-151)	--	--	"	
Methyl tert-butyl ether	"	38.5	---	1.00	"	"	ND	"	96.3%	(75-126)	--	--	"	
Naphthalene	"	58.2	---	5.00	"	"	10.1	"	120%	(59-182)	--	--	"	
Toluene	"	50.5	---	0.500	"	"	ND	"	126%	(75-125)	--	--	"	M7
o-Xylene	"	49.5	---	1.00	"	"	ND	"	124%	(75-130)	--	--	"	
m,p-Xylene	"	93.4	---	2.00	"	"	1.04	80.0	115%	(75-135)	--	--	"	
Xylenes (total)	"	143	---	3.00	"	"	1.04	120	118%	(60-140)	--	--	"	

Surrogate(s): 1,2-DCA-d4 Recovery: 107% Limits: 70-130% "

Toluene-d8 113% 75-125% "

4-BFB 101% 75-125% "

11/05/08 21:16

Matrix Spike Dup (8K05051-MSD1) QC Source: BRK0010-04RE1 Extracted: 11/05/08 19:18

Benzene	EPA 8260B	37.5	---	0.500	ug/l	1x	ND	40.0	93.7%	(80-124)	15.3% (30)		11/05/08 21:42	
Ethylbenzene	"	44.0	---	0.500	"	"	ND	"	110%	(62-151)	16.4%	"	"	
Methyl tert-butyl ether	"	34.0	---	1.00	"	"	ND	"	84.9%	(75-126)	12.6%	"	"	
Naphthalene	"	52.0	---	5.00	"	"	10.1	"	105%	(59-182)	11.3%	"	"	
Toluene	"	45.2	---	0.500	"	"	ND	"	113%	(75-125)	11.2%	"	"	
o-Xylene	"	44.0	---	1.00	"	"	ND	"	110%	(75-130)	11.8%	"	"	
m,p-Xylene	"	84.0	---	2.00	"	"	1.04	80.0	104%	(75-135)	10.5%	"	"	
Xylenes (total)	"	128	---	3.00	"	"	1.04	120	106%	(60-140)	10.9%	"	"	

Surrogate(s): 1,2-DCA-d4 Recovery: 109% Limits: 70-130% "

Toluene-d8 115% 75-125% "

4-BFB 100% 75-125% "

11/05/08 21:42

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	---------------------------------------

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K06010 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K06010-BLK1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/06/08 09:51	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 106%</i>		<i>Limits: 70-130%</i>			<i>"</i>					<i>11/06/08 09:51</i>		
<i>Toluene-d8</i>		<i>114%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		
<i>4-BFB</i>		<i>104%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		

LCS (8K06010-BS1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	36.8	---	0.500	ug/l	1x	--	40.0	91.9%	(80-120)	--	--	11/06/08 08:59	
Ethylbenzene	"	41.6	---	0.500	"	"	--	"	104%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	32.5	---	1.00	"	"	--	"	81.2%	(75-126)	--	--	"	C4
Naphthalene	"	40.2	---	5.00	"	"	--	"	100%	(65-144)	--	--	"	
Toluene	"	41.6	---	0.500	"	"	--	"	104%	(75-125)	--	--	"	
o-Xylene	"	41.8	---	1.00	"	"	--	"	104%	(75-130)	--	--	"	
m,p-Xylene	"	77.9	---	2.00	"	"	--	80.0	97.4%	(75-125)	--	--	"	
Xylenes (total)	"	120	---	3.00	"	"	--	120	99.8%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 102%</i>		<i>Limits: 70-130%</i>			<i>"</i>					<i>11/06/08 08:59</i>		
<i>Toluene-d8</i>		<i>112%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		
<i>4-BFB</i>		<i>100%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		

LCS Dup (8K06010-BSD1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	33.8	---	0.500	ug/l	1x	--	40.0	84.5%	(80-120)	8.42%	(20)	11/06/08 10:22	
Ethylbenzene	"	37.7	---	0.500	"	"	--	"	94.2%	(75-125)	9.89%	"	"	
Methyl tert-butyl ether	"	32.0	---	1.00	"	"	--	"	79.9%	(75-126)	1.55%	"	"	C4
Naphthalene	"	37.7	---	5.00	"	"	--	"	94.2%	(65-144)	6.39%	"	"	
Toluene	"	37.9	---	0.500	"	"	--	"	94.7%	(75-125)	9.31%	"	"	
o-Xylene	"	39.5	---	1.00	"	"	--	"	98.7%	(75-130)	5.68%	"	"	
m,p-Xylene	"	72.9	---	2.00	"	"	--	80.0	91.1%	(75-125)	6.67%	"	"	
Xylenes (total)	"	112	---	3.00	"	"	--	120	93.6%	"	6.33%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 102%</i>		<i>Limits: 70-130%</i>			<i>"</i>					<i>11/06/08 10:22</i>		
<i>Toluene-d8</i>		<i>112%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		
<i>4-BFB</i>		<i>100%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:12
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K06024 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
Blank (8K06024-BLK1)													Extracted: 11/06/08 08:00			
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/06/08 12:47			
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"			
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"			
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"			
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"			
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 93.9%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/06/08 12:47</i>
<i>Toluene-d8</i>													<i>97.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>100%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

LCS (8K06024-BS1)													Extracted: 11/06/08 08:00			
Benzene	EPA 8260B	33.6	---	0.500	ug/l	1x	--	40.0	84.0%	(80-120)	--	--	11/06/08 11:47			
Ethylbenzene	"	35.8	---	0.500	"	"	--	"	89.6%	(75-125)	--	--	"			
Methyl tert-butyl ether	"	34.9	---	1.00	"	"	--	"	87.2%	(75-126)	--	--	"			
Naphthalene	"	34.8	---	5.00	"	"	--	"	87.1%	(65-144)	--	--	"			
Toluene	"	32.7	---	0.500	"	"	--	"	81.8%	(75-125)	--	--	"			
o-Xylene	"	35.3	---	1.00	"	"	--	"	88.3%	(75-130)	--	--	"			
m,p-Xylene	"	69.6	---	2.00	"	"	--	80.0	87.0%	(75-125)	--	--	"			
Xylenes (total)	"	105	---	3.00	"	"	--	120	87.5%	"	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 95.2%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/06/08 11:47</i>
<i>Toluene-d8</i>													<i>94.7%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>97.5%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

LCS Dup (8K06024-BSD1)													Extracted: 11/06/08 08:00			
Benzene	EPA 8260B	34.7	---	0.500	ug/l	1x	--	40.0	86.8%	(80-120)	3.37%	(20)	11/06/08 12:16			
Ethylbenzene	"	36.8	---	0.500	"	"	--	"	92.0%	(75-125)	2.67%	"	"			
Methyl tert-butyl ether	"	36.3	---	1.00	"	"	--	"	90.7%	(75-126)	3.96%	"	"			
Naphthalene	"	36.1	---	5.00	"	"	--	"	90.3%	(65-144)	3.66%	"	"			
Toluene	"	34.0	---	0.500	"	"	--	"	85.1%	(75-125)	4.02%	"	"			
o-Xylene	"	35.4	---	1.00	"	"	--	"	88.5%	(75-130)	0.226%	"	"			
m,p-Xylene	"	71.4	---	2.00	"	"	--	80.0	89.2%	(75-125)	2.45%	"	"			
Xylenes (total)	"	107	---	3.00	"	"	--	120	89.0%	"	1.71%	"	"			
<i>Surrogate(s): 1,2-DCA-d4</i>													<i>Recovery: 94.4%</i>	<i>Limits: 70-130%</i>	<i>"</i>	<i>11/06/08 12:16</i>
<i>Toluene-d8</i>													<i>93.7%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>
<i>4-BFB</i>													<i>98.2%</i>	<i>75-125%</i>	<i>"</i>	<i>"</i>

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	---------------------------------------

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K07015 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K07015-BLK1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/07/08 13:20	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 104%</i>		<i>Limits: 70-130%</i>			<i>"</i>					<i>11/07/08 13:20</i>		
<i>Toluene-d8</i>		<i>98.6%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		
<i>4-BFB</i>		<i>101%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		

LCS (8K07015-BS1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	39.2	---	0.500	ug/l	1x	--	40.0	97.9%	(80-120)	--	--	11/07/08 12:16	
Ethylbenzene	"	41.7	---	0.500	"	"	--	"	104%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	43.7	---	1.00	"	"	--	"	109%	(75-126)	--	--	"	
Naphthalene	"	36.8	---	5.00	"	"	--	"	92.0%	(65-144)	--	--	"	
Toluene	"	36.6	---	0.500	"	"	--	"	91.6%	(75-125)	--	--	"	
o-Xylene	"	36.1	---	1.00	"	"	--	"	90.2%	(75-130)	--	--	"	
m,p-Xylene	"	74.6	---	2.00	"	"	--	80.0	93.3%	(75-125)	--	--	"	
Xylenes (total)	"	111	---	3.00	"	"	--	120	92.3%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 105%</i>		<i>Limits: 70-130%</i>			<i>"</i>					<i>11/07/08 12:16</i>		
<i>Toluene-d8</i>		<i>94.5%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		
<i>4-BFB</i>		<i>101%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		

LCS Dup (8K07015-BSD1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	37.9	---	0.500	ug/l	1x	--	40.0	94.8%	(80-120)	3.17%	(20)	11/07/08 12:42	
Ethylbenzene	"	39.8	---	0.500	"	"	--	"	99.4%	(75-125)	4.69%	"	"	
Methyl tert-butyl ether	"	45.2	---	1.00	"	"	--	"	113%	(75-126)	3.33%	"	"	
Naphthalene	"	34.5	---	5.00	"	"	--	"	86.2%	(65-144)	6.51%	"	"	
Toluene	"	35.3	---	0.500	"	"	--	"	88.3%	(75-125)	3.67%	"	"	
o-Xylene	"	34.9	---	1.00	"	"	--	"	87.2%	(75-130)	3.41%	"	"	
m,p-Xylene	"	72.1	---	2.00	"	"	--	80.0	90.2%	(75-125)	3.43%	"	"	
Xylenes (total)	"	107	---	3.00	"	"	--	120	89.2%	"	3.43%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 104%</i>		<i>Limits: 70-130%</i>			<i>"</i>					<i>11/07/08 12:42</i>		
<i>Toluene-d8</i>		<i>93.6%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		
<i>4-BFB</i>		<i>98.8%</i>		<i>75-125%</i>			<i>"</i>					<i>"</i>		

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	-----------------------------------

CERTIFICATION SUMMARY

TestAmerica Seattle

Method	Matrix	Nelac	Washington
EPA 6020 - Diss	Water	X	X
EPA 6020	Water	X	X
EPA 8260B	Water	X	X
NWTPH-Dx	Water		X
NWTPH-Gx	Water		X

Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:12
---	--	-----------------------------------

Notes and Definitions

Report Specific Notes:

- C4 - Calibration Verification recovery was below the method control limit for this analyte.
- M7 - The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- P7 - Sample filtered in lab.
- Q5 - Results in the diesel organics range are primarily due to overlap from a gasoline range product.

Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA - Not Reported / Not Available
- dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave., Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: **BR K0023**

CLIENT:	STANTEC		INVOICE TO:	SAME		PRESERVATIVE	REQUESTED ANALYSES	TURNAROUND REQUEST	
	REPORT TO:	JEN YOTZ		MATRIX (W, S, O)	# OF CONT.			LOCATION/ COMMENTS	TA WO ID
ADDRESS:	17024 134TH CT NE REDMOND, WA		PO. NUMBER:						
PHONE:	372.1600	FAX: 372.1650							
PROJECT NAME:	WESTLAKE								
PROJECT NUMBER:	01P.01316.44								
SAMPLED BY:									
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME								
1. MW-38	11-04-08/1240								W 10 -01
2. MW-41	11-04-08/0940								W 10 -02
3. MW-44	11-04-08/1155								W 10 -03
4. MW-80	11-04-08/1130								W 10 -04
5. MW-81	11-04-08/1200								W 10 -05
6. MW-82	11-04-08/935								W 10 -06
7. MW-86	11-04-08/1235								W 10 -07
8. MW-87	11-04-08/1330								W 10 -08
9. MW-89	11-04-08/1020								W 10 -09
10. MW-95	11-04-08/1045								W 10 -10
RECEIVED BY:	DATE:	11-04-08	DATE:	11-04-08					DATE: 11/4/08
PRINT NAME:	TIME:	1500	TIME:	1500					TIME: 1505
RECEIVED BY:									DATE: 11/4/08
PRINT NAME:									TIME: 1505
RECEIVED BY:									DATE: 11/4/08
PRINT NAME:									TIME: 1505
ADDITIONAL REMARKS:									DATE: 11/4/08

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 425-420-9200 FAX 420-9210
 11922 E. First Ave, Spokane, WA 99206-5302
 509-924-9200 FAX 924-9290
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 503-906-9200 FAX 906-9210
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
 907-563-9200 FAX 563-9210

pm 11/4/08

CHAIN OF CUSTODY REPORT

Work Order #: **Per K002223**

CLIENT: STANTEC	INVOICE TO: SAME	TURNAROUND REQUEST			
REPORT TO: JEN YOTZ	P.O. NUMBER:	in Business Days * Organic & Inorganic Analyses Petroleum Hydrocarbon Analyses STD: <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD: <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1			
ADDRESS: 12024 134th St NE REDMOND, WA 372 1600 FAX: 372 1659	PROJECT NAME: WESTLAKE	OTHER <input type="checkbox"/> Specify: *Turnaround Requests less than standard may incur Rush Charges.			
PROJECT NUMBER: 019.01396.44	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA W/O ID
SAMPLED BY:	DATE/TIME				
1. MW-95102	11-04-08/855	W	10		-11
2. MW-203	11-04-08/1329	W	10		-12
3. SMW-3	11-04-08/1345	W	10		-13
4. MW-51	11-04-08/0952	W	10		-14
5. MW-53	11-04-08/1327	W	10		-15
6. MW-50	11-04-08/1426	W	10		-16
7. added by DB TP	11/4/08 1500	W	3		-17
8					
9					
10					
RELEASED BY: STANTEC	DATE: 11-04-08	RECEIVED BY: Francisco Lung, Jr.	DATE: 11/4/08		
PRINT NAME: STANTEC	TIME: 1500	PRINT NAME: Francisco Lung, Jr.	TIME: 1505		
RELEASED BY: STANTEC	DATE: 11-04-08	RECEIVED BY: STANTEC	DATE: 11-04-08		
PRINT NAME: STANTEC	TIME: 1500	PRINT NAME: STANTEC	TIME: 1505		
ADDITIONAL REMARKS: BOTTLES FOR MW-70 EMPTY FOR RETURN		TEMP: 11.4°C		PAGE: 11.4	OF: 11.4

TAT: 5

Paperwork to PM - Date: _____ Time: _____

Non-Conformances?

Page Time & Initials: _____

Circle or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: _____
(applies to temp at receipt)

Logged-in By: _____

Unpacked/Labeled By: _____

Cooler ID: 322, 389, 316, 352, 349, 315

Date: 11/4/08

Date: 11/4/08

Date: 11/5/08
~~11/4/08~~

Work Order No. BR K0023

Time: 1545

Time: 1754

Time: 1100

Client: _____

Initials: FL

Initials: PTG

Initials: CG/08

Project: _____

Container Type:

COC Seals:

Packing Material _____

Cooler _____ Ship Container _____ Sign By _____
 Box _____ On Bottles _____ Date _____
 None/Other _____ None

Bubble Bags _____ Styrofoam _____
 Foam Packs _____
 None/Other _____

Refrigerant:

Gel Ice Pack _____
 Loose Ice _____
 None/Other _____

Received Via: Bill# _____

Fed Ex _____ Client _____
 UPS TA Courier
 DHL _____ Mid Valley _____
 Senvoy _____ TDP _____
 GS _____ Other _____

Cooler Temperature (IR): _____ °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)

Temperature Blank? 11.4 °C or NA 8.0 (circle one)
6.8, 7.5, 8.3, 11.4, 5.9

Trip Blank? or N or NA

BP, OPLC, ARCO-Temperature monitoring every 15 minutes:

(initial/date/time): _____

Comments: _____

Sample Containers:

ID

ID

Intact? or N _____ Metals Preserved? or N or NA _____
Provided by TA? or N _____ Client QAPP Preserved? Y or N or NA _____
Correct Type? or N _____ Adequate Volume? or N _____
(for tests requested)
#Containers match COC? Y or N _____ Water VOAs: Headspace? or NA _____
IDs/time/date match COC? or N _____ Comments: _____
Hold Times in hold? or N _____

PROJECT MANAGEMENT

Is the Chain of Custody complete? _____ Y or N If N, circle the items that were incomplete

Comments, Problems _____

Total access set up?

Has client been contacted regarding non-conformances?

Y or N
Y or N

If Y, _____ / _____
Date Time

PM Initials: _____ Date: _____ Time: _____

December 04, 2008

Jennifer Yotz
Stantec
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)
Redmond, WA/USA 98073

RE: COP Westlake

Enclosed are the results of analyses for samples received by the laboratory on 11/05/08 16:15.
The following list is a summary of the Work Orders contained in this report, generated on 12/04/08
09:22.

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

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
BRK0047	COP Westlake	01CP.01396.44

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	COP Westlake	Report Created:
	Project Number:	01CP.01396.44	12/04/08 09:22
	Project Manager:	Jennifer Yotz	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C1-1	BRK0047-01	Water	11/05/08 11:15	11/05/08 16:15
C1-2	BRK0047-02	Water	11/05/08 11:30	11/05/08 16:15
MW-32A	BRK0047-03	Water	11/05/08 09:56	11/05/08 16:15
MW-34	BRK0047-04	Water	11/05/08 08:26	11/05/08 16:15
MW-35	BRK0047-05	Water	11/05/08 12:27	11/05/08 16:15
MW-52	BRK0047-06	Water	11/05/08 10:45	11/05/08 16:15
MW-57	BRK0047-07	Water	11/05/08 11:27	11/05/08 16:15
MW-59	BRK0047-08	Water	11/05/08 09:09	11/05/08 16:15
MW-60	BRK0047-09	Water	11/05/08 13:06	11/05/08 16:15
MW-202	BRK0047-10	Water	11/05/08 12:30	11/05/08 16:15
MW-207	BRK0047-11	Water	11/05/08 13:05	11/05/08 16:15
MW-209	BRK0047-12	Water	11/05/08 08:35	11/05/08 16:15
MW-210	BRK0047-13	Water	11/05/08 09:15	11/05/08 16:15
MW-211	BRK0047-14	Water	11/05/08 10:00	11/05/08 16:15

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	-----------------------------------

Analytical Case Narrative
TestAmerica - Seattle, WA

BRK0047

SAMPLE RECEIPT

The samples were received November 5th, 2008 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 9.2 degrees Celsius which is outside the recommended temperature range of 2-6 Degrees Celsius. The samples are considered acceptable as they were recieved on-ice within four hours of the collection of the last sampled time on the COC.

PREPARATIONS AND ANALYSIS

No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	12/04/08 09:22

Volatile Petroleum Products by NWTPH-Gx
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-01 (C1-1)		Water			Sampled: 11/05/08 11:15					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 01:30	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"				"
BRK0047-02 (C1-2)		Water			Sampled: 11/05/08 11:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 02:03	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"				"
BRK0047-03 (MW-32A)		Water			Sampled: 11/05/08 09:56					
Gasoline Range Hydrocarbons	NWTPH-Gx	528	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 02:35	
Surrogate(s): 4-BFB (FID)			104%		58 - 144 %	"				"
BRK0047-04 (MW-34)		Water			Sampled: 11/05/08 08:26					
Gasoline Range Hydrocarbons	NWTPH-Gx	1890	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 07:59	
Surrogate(s): 4-BFB (FID)			106%		58 - 144 %	"				"
BRK0047-05 (MW-35)		Water			Sampled: 11/05/08 12:27					
Gasoline Range Hydrocarbons	NWTPH-Gx	94.8	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 08:32	
Surrogate(s): 4-BFB (FID)			101%		58 - 144 %	"				"
BRK0047-06 (MW-52)		Water			Sampled: 11/05/08 10:45					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 03:07	
Surrogate(s): 4-BFB (FID)			103%		58 - 144 %	"				"
BRK0047-07 (MW-57)		Water			Sampled: 11/05/08 11:27					
Gasoline Range Hydrocarbons	NWTPH-Gx	76.2	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 03:40	
Surrogate(s): 4-BFB (FID)			100%		58 - 144 %	"				"
BRK0047-08 (MW-59)		Water			Sampled: 11/05/08 09:09					
Gasoline Range Hydrocarbons	NWTPH-Gx	280	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 09:04	
Surrogate(s): 4-BFB (FID)			109%		58 - 144 %	"				"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	12/04/08 09:22

Volatile Petroleum Products by NWTPH-Gx
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-09 (MW-60)		Water			Sampled: 11/05/08 13:06					
Gasoline Range Hydrocarbons	NWTPH-Gx	23300	----	1000	ug/l	20x	8K06007	11/06/08 07:30	11/07/08 11:36	
<i>Surrogate(s): 4-BFB (FID)</i>			112%		58 - 144 %	1x				"
BRK0047-10 (MW-202)		Water			Sampled: 11/05/08 12:30					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 04:12	
<i>Surrogate(s): 4-BFB (FID)</i>			102%		58 - 144 %	"				"
BRK0047-11 (MW-207)		Water			Sampled: 11/05/08 13:05					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 04:45	
<i>Surrogate(s): 4-BFB (FID)</i>			103%		58 - 144 %	"				"
BRK0047-12 (MW-209)		Water			Sampled: 11/05/08 08:35					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 05:17	
<i>Surrogate(s): 4-BFB (FID)</i>			104%		58 - 144 %	"				"
BRK0047-13 (MW-210)		Water			Sampled: 11/05/08 09:15					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 06:54	
<i>Surrogate(s): 4-BFB (FID)</i>			102%		58 - 144 %	"				"
BRK0047-14 (MW-211)		Water			Sampled: 11/05/08 10:00					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	8K06007	11/06/08 07:30	11/07/08 07:27	
<i>Surrogate(s): 4-BFB (FID)</i>			101%		58 - 144 %	"				"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	---------------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-01 (C1-1)		Water			Sampled: 11/05/08 11:15					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 20:32	
Kerosene	"	ND	----	0.240	"	"	"	"	"	"
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	"
<i>Surrogate(s): 2-FBP</i>				80.0%		53 - 125 %	"			"
<i>Octacosane</i>				91.4%		68 - 125 %	"			"
BRK0047-02 (C1-2)		Water			Sampled: 11/05/08 11:30					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 20:54	
Kerosene	"	ND	----	0.240	"	"	"	"	"	"
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	"
<i>Surrogate(s): 2-FBP</i>				66.7%		53 - 125 %	"			"
<i>Octacosane</i>				75.0%		68 - 125 %	"			"
BRK0047-03 (MW-32A)		Water			Sampled: 11/05/08 09:56					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 21:17	
Kerosene	"	0.281	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				72.9%		53 - 125 %	"			"
<i>Octacosane</i>				81.2%		68 - 125 %	"			"
BRK0047-04 (MW-34)		Water			Sampled: 11/05/08 08:26					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 21:39	
Kerosene	"	1.06	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				73.9%		53 - 125 %	"			"
<i>Octacosane</i>				83.2%		68 - 125 %	"			"
BRK0047-05 (MW-35)		Water			Sampled: 11/05/08 12:27					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 22:01	
Kerosene	"	ND	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				67.0%		53 - 125 %	"			"
<i>Octacosane</i>				84.7%		68 - 125 %	"			"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	---------------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-06 (MW-52)		Water			Sampled: 11/05/08 10:45					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	8K06015	11/06/08 09:14	11/07/08 22:23	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				61.1%		53 - 125 %	"			
<i>Octacosane</i>				66.1%		68 - 125 %	"			Z
BRK0047-07 (MW-57)		Water			Sampled: 11/05/08 11:27					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 00:15	
Kerosene	"	0.367	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				72.5%		53 - 125 %	"			
<i>Octacosane</i>				89.1%		68 - 125 %	"			
BRK0047-08 (MW-59)		Water			Sampled: 11/05/08 09:09					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 00:38	
Kerosene	"	ND	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				77.8%		53 - 125 %	"			
<i>Octacosane</i>				84.8%		68 - 125 %	"			
BRK0047-09 (MW-60)		Water			Sampled: 11/05/08 13:06					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 01:00	
Diesel Range Hydrocarbons	"	0.740	----	0.238	"	"	"	"	"	Q5
<i>Surrogate(s): 2-FBP</i>				69.0%		53 - 125 %	"			
<i>Octacosane</i>				75.1%		68 - 125 %	"			
BRK0047-09RE1 (MW-60)		Water			Sampled: 11/05/08 13:06					
Kerosene	NWTPH-Dx	8.17	----	0.476	mg/l	2x	8K06015	11/06/08 09:14	11/10/08 10:09	
<i>Surrogate(s): 2-FBP</i>				69.0%		53 - 125 %	"			
<i>Octacosane</i>				74.6%		68 - 125 %	"			

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:22
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0047-10 (MW-202)		Water			Sampled: 11/05/08 12:30					
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 01:22	
Kerosene	"	ND	----	0.243	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				72.0%		53 - 125 %	"			"
<i>Octacosane</i>				85.0%		68 - 125 %	"			"

BRK0047-11 (MW-207)		Water			Sampled: 11/05/08 13:05					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 01:45	
Kerosene	"	ND	----	0.240	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				74.7%		53 - 125 %	"			"
<i>Octacosane</i>				84.0%		68 - 125 %	"			"

BRK0047-12 (MW-209)		Water			Sampled: 11/05/08 08:35					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 02:07	
Kerosene	"	ND	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				84.6%		53 - 125 %	"			"
<i>Octacosane</i>				94.3%		68 - 125 %	"			"

BRK0047-13 (MW-210)		Water			Sampled: 11/05/08 09:15					
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 02:30	
Kerosene	"	ND	----	0.243	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				75.2%		53 - 125 %	"			"
<i>Octacosane</i>				85.2%		68 - 125 %	"			"

BRK0047-14 (MW-211)		Water			Sampled: 11/05/08 10:00					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	8K06015	11/06/08 09:14	11/08/08 02:52	
Kerosene	"	ND	----	0.240	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				76.5%		53 - 125 %	"			"
<i>Octacosane</i>				87.8%		68 - 125 %	"			"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	--

Total Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-01 (C1-1)		Water			Sampled: 11/05/08 11:15					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 13:42	
BRK0047-02 (C1-2)		Water			Sampled: 11/05/08 11:30					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 13:48	
BRK0047-03 (MW-32A)		Water			Sampled: 11/05/08 09:56					
Lead	EPA 6020	0.00232	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 13:54	
BRK0047-04 (MW-34)		Water			Sampled: 11/05/08 08:26					
Lead	EPA 6020	0.00141	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 13:59	
BRK0047-05 (MW-35)		Water			Sampled: 11/05/08 12:27					
Lead	EPA 6020	0.229	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:05	
BRK0047-06 (MW-52)		Water			Sampled: 11/05/08 10:45					
Lead	EPA 6020	0.0178	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:17	
BRK0047-07 (MW-57)		Water			Sampled: 11/05/08 11:27					
Lead	EPA 6020	0.0128	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:40	
BRK0047-08 (MW-59)		Water			Sampled: 11/05/08 09:09					
Lead	EPA 6020	0.00229	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:46	
BRK0047-09 (MW-60)		Water			Sampled: 11/05/08 13:06					
Lead	EPA 6020	0.00214	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:52	
BRK0047-10 (MW-202)		Water			Sampled: 11/05/08 12:30					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 14:57	
BRK0047-11 (MW-207)		Water			Sampled: 11/05/08 13:05					
Lead	EPA 6020	0.00102	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 15:03	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	-----------------------------------

Total Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-12 (MW-209)		Water			Sampled: 11/05/08 08:35					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 15:09	
BRK0047-13 (MW-210)		Water			Sampled: 11/05/08 09:15					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 15:15	
BRK0047-14 (MW-211)		Water			Sampled: 11/05/08 10:00					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	8K07031	11/07/08 13:42	11/11/08 15:20	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	---------------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-01 (C1-1)		Water			Sampled: 11/05/08 11:15					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 22:33	
BRK0047-02 (C1-2)		Water			Sampled: 11/05/08 11:30					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 22:39	
BRK0047-03 (MW-32A)		Water			Sampled: 11/05/08 09:56					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 22:45	
BRK0047-04 (MW-34)		Water			Sampled: 11/05/08 08:26					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 22:50	
BRK0047-05 (MW-35)		Water			Sampled: 11/05/08 12:27					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 22:56	
BRK0047-06 (MW-52)		Water			Sampled: 11/05/08 10:45					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:02	
BRK0047-07 (MW-57)		Water			Sampled: 11/05/08 11:27					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:08	
BRK0047-08 (MW-59)		Water			Sampled: 11/05/08 09:09					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:14	
BRK0047-09 (MW-60)		Water			Sampled: 11/05/08 13:06					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:19	
BRK0047-10 (MW-202)		Water			Sampled: 11/05/08 12:30					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:43	
BRK0047-11 (MW-207)		Water			Sampled: 11/05/08 13:05					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:49	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	-----------------------------------

Dissolved Metals by EPA 6000/7000 Series Methods
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-12 (MW-209)		Water			Sampled: 11/05/08 08:35					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/10/08 23:54	
BRK0047-13 (MW-210)		Water			Sampled: 11/05/08 09:15					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/11/08 00:00	
BRK0047-14 (MW-211)		Water			Sampled: 11/05/08 10:00					P7
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	8K10012	11/10/08 09:30	11/11/08 00:06	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:22
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0047-01 (C1-1)		Water			Sampled: 11/05/08 11:15					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 16:09	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				97.0%		70 - 130 %	"			"
<i>Toluene-d8</i>				96.8%		75 - 125 %	"			"
<i>4-BFB</i>				101%		75 - 125 %	"			"

BRK0047-02 (C1-2)		Water			Sampled: 11/05/08 11:30					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 16:37	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				102%		70 - 130 %	"			"
<i>Toluene-d8</i>				96.3%		75 - 125 %	"			"
<i>4-BFB</i>				102%		75 - 125 %	"			"

BRK0047-03 (MW-32A)		Water			Sampled: 11/05/08 09:56					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 17:06	
Ethylbenzene	"	0.650	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				104%		70 - 130 %	"			"
<i>Toluene-d8</i>				97.2%		75 - 125 %	"			"
<i>4-BFB</i>				99.2%		75 - 125 %	"			"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	-----------------------------------

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-04 (MW-34)		Water			Sampled: 11/05/08 08:26					
Benzene	EPA 8260B	23.2	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 17:35	
Ethylbenzene	"	10.4	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	8.55	----	5.00	"	"	"	"	"	
Toluene	"	1.20	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			99.6%		70 - 130 %	"				"
<i>Toluene-d8</i>			95.9%		75 - 125 %	"				"
<i>4-BFB</i>			96.4%		75 - 125 %	"				"

BRK0047-05 (MW-35)		Water			Sampled: 11/05/08 12:27					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 18:04	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	1.35	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			94.3%		70 - 130 %	"				"
<i>Toluene-d8</i>			94.2%		75 - 125 %	"				"
<i>4-BFB</i>			99.0%		75 - 125 %	"				"

BRK0047-06 (MW-52)		Water			Sampled: 11/05/08 10:45					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 18:32	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			97.0%		70 - 130 %	"				"
<i>Toluene-d8</i>			96.6%		75 - 125 %	"				"
<i>4-BFB</i>			101%		75 - 125 %	"				"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	--

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

BRK0047-07 (MW-57)		Water			Sampled: 11/05/08 11:27					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 19:01	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				99.7%		70 - 130 %	"			"
<i>Toluene-d8</i>				96.9%		75 - 125 %	"			"
<i>4-BFB</i>				98.2%		75 - 125 %	"			"

BRK0047-08 (MW-59)		Water			Sampled: 11/05/08 09:09					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 19:30	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				98.8%		70 - 130 %	"			"
<i>Toluene-d8</i>				96.7%		75 - 125 %	"			"
<i>4-BFB</i>				99.0%		75 - 125 %	"			"

BRK0047-09 (MW-60)		Water			Sampled: 11/05/08 13:06					
Methyl tert-butyl ether	EPA 8260B	ND	----	1.00	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 19:59	
Toluene	"	24.6	----	0.500	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				112%		70 - 130 %	"			"
<i>Toluene-d8</i>				92.9%		75 - 125 %	"			"
<i>4-BFB</i>				102%		75 - 125 %	"			"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:22
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-09RE1 (MW-60)		Water			Sampled: 11/05/08 13:06					
Ethylbenzene	EPA 8260B	1760	----	10.0	ug/l	20x	8K07015	11/07/08 11:21	11/07/08 17:39	
Naphthalene	"	267	----	100	"	"	"	"	"	"
o-Xylene	"	48.6	----	20.0	"	"	"	"	"	"
m,p-Xylene	"	2390	----	40.0	"	"	"	"	"	"
Xylenes (total)	"	2440	----	60.0	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>			102%		70 - 130 %	1x				"
<i>Toluene-d8</i>			99.6%		75 - 125 %	"				"
<i>4-BFB</i>			99.7%		75 - 125 %	"				"
BRK0047-09RE2 (MW-60)		Water			Sampled: 11/05/08 13:06					
Benzene	EPA 8260B	2200	----	40.0	ug/l	80x	8K10052	11/10/08 17:31	11/10/08 21:25	
<i>Surrogate(s): 1,2-DCA-d4</i>			101%		70 - 130 %	1x				"
<i>Toluene-d8</i>			94.2%		75 - 125 %	"				"
<i>4-BFB</i>			95.7%		75 - 125 %	"				"
BRK0047-10RE1 (MW-202)		Water			Sampled: 11/05/08 12:30					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K07015	11/07/08 11:21	11/07/08 18:04	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	"
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"
Toluene	"	ND	----	0.500	"	"	"	"	"	"
o-Xylene	"	ND	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>			103%		70 - 130 %	"				"
<i>Toluene-d8</i>			98.6%		75 - 125 %	"				"
<i>4-BFB</i>			101%		75 - 125 %	"				"
BRK0047-11 (MW-207)		Water			Sampled: 11/05/08 13:05					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 20:56	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	"
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"
Toluene	"	ND	----	0.500	"	"	"	"	"	"
o-Xylene	"	ND	----	1.00	"	"	"	"	"	"
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	"
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	"
<i>Surrogate(s): 1,2-DCA-d4</i>			93.7%		70 - 130 %	"				"
<i>Toluene-d8</i>			95.1%		75 - 125 %	"				"

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	---------------------------------------

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRK0047-11 (MW-207)		Water			Sampled: 11/05/08 13:05					
4-BFB			100%		75 - 125 %	1x			11/06/08 20:56	
BRK0047-12 (MW-209)		Water			Sampled: 11/05/08 08:35					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 21:25	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
Surrogate(s):	1,2-DCA-d4		95.2%		70 - 130 %	"			"	
	Toluene-d8		97.2%		75 - 125 %	"			"	
	4-BFB		102%		75 - 125 %	"			"	
BRK0047-13 (MW-210)		Water			Sampled: 11/05/08 09:15					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 21:54	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
Surrogate(s):	1,2-DCA-d4		98.6%		70 - 130 %	"			"	
	Toluene-d8		94.6%		75 - 125 %	"			"	
	4-BFB		98.0%		75 - 125 %	"			"	
BRK0047-14 (MW-211)		Water			Sampled: 11/05/08 10:00					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	8K06024	11/06/08 08:00	11/06/08 22:23	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
Surrogate(s):	1,2-DCA-d4		101%		70 - 130 %	"			"	
	Toluene-d8		96.0%		75 - 125 %	"			"	
	4-BFB		99.8%		75 - 125 %	"			"	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	-----------------------------------

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	-------	----------	----------	-------

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	---------------------------------------

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K06007 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K06007-BLK1)								Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	11/06/08 17:57	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 98.8%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/06/08 17:57</i>	
LCS (8K06007-BS1)								Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	921	---	50.0	ug/l	1x	--	1000	92.1%	(80-120)	--	--	11/06/08 18:29	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 105%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/06/08 18:29</i>	
Duplicate (8K06007-DUP1)				QC Source: BRK0042-01				Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR	(25)	11/06/08 19:34	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 99.9%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/06/08 19:34</i>	
Duplicate (8K06007-DUP2)				QC Source: BRK0042-02				Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR	(25)	11/06/08 20:39	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 100%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/06/08 20:39</i>	
Matrix Spike (8K06007-MS1)				QC Source: BRK0042-01				Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	1010	---	50.0	ug/l	1x	16.9	1000	99.3%	(75-131)	--	--	11/06/08 22:16	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 104%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/06/08 22:16</i>	
Matrix Spike Dup (8K06007-MSD1)				QC Source: BRK0042-01				Extracted: 11/06/08 07:30						
Gasoline Range Hydrocarbons	NWTPH-Gx	999	---	50.0	ug/l	1x	16.9	1000	98.2%	(75-131)	1.06%	(25)	11/06/08 22:48	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 105%</i>		<i>Limits: 58-144%</i>		<i>"</i>							<i>11/06/08 22:48</i>	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	-----------------------------------

Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K06015 Water Preparation Method: EPA 3520C

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K06015-BLK1)													Extracted: 11/06/08 09:14	
Lube Oil	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	11/07/08 19:02	
Kerosene	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
Diesel Range Hydrocarbons	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>79.6%</i>			<i>Limits: 53-125%</i>	<i>"</i>						<i>11/07/08 19:02</i>	
<i>Octacosane</i>			<i>85.2%</i>			<i>68-125%</i>	<i>"</i>						<i>"</i>	
LCS (8K06015-BS1)													Extracted: 11/06/08 09:14	
Diesel Range Hydrocarbons	NWTPH-Dx	1.78	---	0.250	mg/l	1x	--	2.00	88.8%	(61-132)	--	--	11/07/08 19:24	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>84.6%</i>			<i>Limits: 53-125%</i>	<i>"</i>						<i>11/07/08 19:24</i>	
<i>Octacosane</i>			<i>89.6%</i>			<i>68-125%</i>	<i>"</i>						<i>"</i>	
LCS Dup (8K06015-BSD1)													Extracted: 11/06/08 09:14	
Diesel Range Hydrocarbons	NWTPH-Dx	1.79	---	0.250	mg/l	1x	--	2.00	89.5%	(61-132)	0.715% (35)		11/07/08 19:46	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>84.6%</i>			<i>Limits: 53-125%</i>	<i>"</i>						<i>11/07/08 19:46</i>	
<i>Octacosane</i>			<i>92.5%</i>			<i>68-125%</i>	<i>"</i>						<i>"</i>	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	12/04/08 09:22

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K07031 Water Preparation Method: EPA 3020A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K07031-BLK1)								Extracted: 11/07/08 13:42						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/11/08 12:38	
LCS (8K07031-BS1)								Extracted: 11/07/08 13:42						
Lead	EPA 6020	0.0795	---	0.00100	mg/l	1x	--	0.0800	99.4%	(80-120)	--	--	11/11/08 12:44	
Duplicate (8K07031-DUP1)				QC Source: BRK0047-01				Extracted: 11/07/08 13:42						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	ND	--	--	--	2.47% (20)	--	11/11/08 13:02	
Matrix Spike (8K07031-MS1)				QC Source: BRK0047-01				Extracted: 11/07/08 13:42						
Lead	EPA 6020	0.0807	---	0.00100	mg/l	1x	0.000410	0.0800	100%	(75-125)	--	--	11/11/08 12:56	
Post Spike (8K07031-PS1)				QC Source: BRK0047-01				Extracted: 11/07/08 13:42						
Lead	EPA 6020	0.103	---		ug/ml	1x	0.000410	0.100	102%	(80-120)	--	--	11/11/08 12:50	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	Report Created:
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	12/04/08 09:22

Dissolved Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K10012 Water Preparation Method: EPA 3005A

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K10012-BLK1)										Extracted: 11/10/08 09:30				
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/10/08 21:52	
LCS (8K10012-BS1)										Extracted: 11/10/08 09:30				
Lead	EPA 6020 - Diss	0.200	---	0.00100	mg/l	1x	--	0.200	100%	(80-120)	--	--	11/10/08 21:58	
Duplicate (8K10012-DUP1)										QC Source: BRK0047-01		Extracted: 11/10/08 09:30		
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	ND	--	--	--	NR (20)		11/10/08 22:27	
Matrix Spike (8K10012-MS1)										QC Source: BRK0047-01		Extracted: 11/10/08 09:30		
Lead	EPA 6020 - Diss	0.0926	---	0.00100	mg/l	1x	ND	0.100	92.2%	(75-125)	--	--	11/10/08 22:04	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:22
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K06024 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K06024-BLK1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/06/08 12:47	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>93.9%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 12:47</i>	
<i>Toluene-d8</i>			<i>97.2%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>			<i>100%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>	

LCS (8K06024-BS1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	33.6	---	0.500	ug/l	1x	--	40.0	84.0%	(80-120)	--	--	11/06/08 11:47	
Ethylbenzene	"	35.8	---	0.500	"	"	--	"	89.6%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	34.9	---	1.00	"	"	--	"	87.2%	(75-126)	--	--	"	
Naphthalene	"	34.8	---	5.00	"	"	--	"	87.1%	(65-144)	--	--	"	
Toluene	"	32.7	---	0.500	"	"	--	"	81.8%	(75-125)	--	--	"	
o-Xylene	"	35.3	---	1.00	"	"	--	"	88.3%	(75-130)	--	--	"	
m,p-Xylene	"	69.6	---	2.00	"	"	--	80.0	87.0%	(75-125)	--	--	"	
Xylenes (total)	"	105	---	3.00	"	"	--	120	87.5%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>95.2%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 11:47</i>	
<i>Toluene-d8</i>			<i>94.7%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>			<i>97.5%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>	

LCS Dup (8K06024-BSD1)													Extracted: 11/06/08 08:00	
Benzene	EPA 8260B	34.7	---	0.500	ug/l	1x	--	40.0	86.8%	(80-120)	3.37%	(20)	11/06/08 12:16	
Ethylbenzene	"	36.8	---	0.500	"	"	--	"	92.0%	(75-125)	2.67%	"	"	
Methyl tert-butyl ether	"	36.3	---	1.00	"	"	--	"	90.7%	(75-126)	3.96%	"	"	
Naphthalene	"	36.1	---	5.00	"	"	--	"	90.3%	(65-144)	3.66%	"	"	
Toluene	"	34.0	---	0.500	"	"	--	"	85.1%	(75-125)	4.02%	"	"	
o-Xylene	"	35.4	---	1.00	"	"	--	"	88.5%	(75-130)	0.226%	"	"	
m,p-Xylene	"	71.4	---	2.00	"	"	--	80.0	89.2%	(75-125)	2.45%	"	"	
Xylenes (total)	"	107	---	3.00	"	"	--	120	89.0%	"	1.71%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>94.4%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/06/08 12:16</i>	
<i>Toluene-d8</i>			<i>93.7%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>			<i>98.2%</i>	<i>75-125%</i>		<i>"</i>							<i>"</i>	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:22
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K07015 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K07015-BLK1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/07/08 13:20	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>104%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/07/08 13:20</i>	
<i>Toluene-d8</i>		<i>98.6%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>101%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

LCS (8K07015-BS1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	39.2	---	0.500	ug/l	1x	--	40.0	97.9%	(80-120)	--	--	11/07/08 12:16	
Ethylbenzene	"	41.7	---	0.500	"	"	--	"	104%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	43.7	---	1.00	"	"	--	"	109%	(75-126)	--	--	"	
Naphthalene	"	36.8	---	5.00	"	"	--	"	92.0%	(65-144)	--	--	"	
Toluene	"	36.6	---	0.500	"	"	--	"	91.6%	(75-125)	--	--	"	
o-Xylene	"	36.1	---	1.00	"	"	--	"	90.2%	(75-130)	--	--	"	
m,p-Xylene	"	74.6	---	2.00	"	"	--	80.0	93.3%	(75-125)	--	--	"	
Xylenes (total)	"	111	---	3.00	"	"	--	120	92.3%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>105%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/07/08 12:16</i>	
<i>Toluene-d8</i>		<i>94.5%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>101%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

LCS Dup (8K07015-BSD1)													Extracted: 11/07/08 11:21	
Benzene	EPA 8260B	37.9	---	0.500	ug/l	1x	--	40.0	94.8%	(80-120)	3.17%	(20)	11/07/08 12:42	
Ethylbenzene	"	39.8	---	0.500	"	"	--	"	99.4%	(75-125)	4.69%	"	"	
Methyl tert-butyl ether	"	45.2	---	1.00	"	"	--	"	113%	(75-126)	3.33%	"	"	
Naphthalene	"	34.5	---	5.00	"	"	--	"	86.2%	(65-144)	6.51%	"	"	
Toluene	"	35.3	---	0.500	"	"	--	"	88.3%	(75-125)	3.67%	"	"	
o-Xylene	"	34.9	---	1.00	"	"	--	"	87.2%	(75-130)	3.41%	"	"	
m,p-Xylene	"	72.1	---	2.00	"	"	--	80.0	90.2%	(75-125)	3.43%	"	"	
Xylenes (total)	"	107	---	3.00	"	"	--	120	89.2%	"	3.43%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>104%</i>	<i>Limits: 70-130%</i>		<i>"</i>							<i>11/07/08 12:42</i>	
<i>Toluene-d8</i>		<i>93.6%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>		<i>98.8%</i>		<i>75-125%</i>		<i>"</i>							<i>"</i>	

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec	Project Name: COP Westlake	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: 01CP.01396.44	12/04/08 09:22
Redmond, WA/USA 98073	Project Manager: Jennifer Yotz	

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K10052 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8K10052-BLK1)													Extracted: 11/10/08 17:31	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/10/08 19:21	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4 Recovery: 88.8% Limits: 70-130% "</i>													<i>11/10/08 19:21</i>	
<i>Toluene-d8 94.0% 75-125% "</i>													<i>"</i>	
<i>4-BFB 102% 75-125% "</i>													<i>"</i>	

LCS (8K10052-BS1)													Extracted: 11/10/08 17:31	
Benzene	EPA 8260B	34.2	---	0.500	ug/l	1x	--	40.0	85.6%	(80-120)	--	--	11/10/08 17:46	
Ethylbenzene	"	34.9	---	0.500	"	"	--	"	87.2%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	36.6	---	1.00	"	"	--	"	91.4%	(75-126)	--	--	"	
Naphthalene	"	38.9	---	5.00	"	"	--	"	97.2%	(65-144)	--	--	"	
Toluene	"	32.9	---	0.500	"	"	--	"	82.3%	(75-125)	--	--	"	
o-Xylene	"	35.4	---	1.00	"	"	--	"	88.6%	(75-130)	--	--	"	
m,p-Xylene	"	70.6	---	2.00	"	"	--	80.0	88.3%	(75-125)	--	--	"	
Xylenes (total)	"	106	---	3.00	"	"	--	120	88.4%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4 Recovery: 97.6% Limits: 70-130% "</i>													<i>11/10/08 17:46</i>	
<i>Toluene-d8 93.6% 75-125% "</i>													<i>"</i>	
<i>4-BFB 100% 75-125% "</i>													<i>"</i>	

Matrix Spike (8K10052-MS1)													QC Source: BRK0071-05		Extracted: 11/10/08 17:31	
Benzene	EPA 8260B	34.3	---	0.500	ug/l	1x	ND	40.0	85.7%	(80-124)	--	--	11/10/08 18:15			
Ethylbenzene	"	34.9	---	0.500	"	"	0.320	"	86.4%	(62-151)	--	--	"			
Methyl tert-butyl ether	"	35.5	---	1.00	"	"	ND	"	88.7%	(75-126)	--	--	"			
Naphthalene	"	38.1	---	5.00	"	"	1.38	"	91.8%	(59-182)	--	--	"			
Toluene	"	33.5	---	0.500	"	"	ND	"	83.8%	(75-125)	--	--	"			
o-Xylene	"	34.8	---	1.00	"	"	ND	"	87.1%	(75-130)	--	--	"			
m,p-Xylene	"	69.8	---	2.00	"	"	ND	80.0	87.2%	(75-135)	--	--	"			
Xylenes (total)	"	105	---	3.00	"	"	ND	120	87.2%	(60-140)	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4 Recovery: 94.2% Limits: 70-130% "</i>													<i>11/10/08 18:15</i>			
<i>Toluene-d8 92.4% 75-125% "</i>													<i>"</i>			
<i>4-BFB 97.2% 75-125% "</i>													<i>"</i>			

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	-----------------------------------

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results
 TestAmerica Seattle

QC Batch: 8K10052 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (8K10052-MSD1)			QC Source: BRK0071-05				Extracted: 11/10/08 17:31							
Benzene	EPA 8260B	33.4	---	0.500	ug/l	1x	ND	40.0	83.4%	(80-124)	2.72%	(30)	11/10/08 18:44	
Ethylbenzene	"	34.5	---	0.500	"	"	0.320	"	85.4%	(62-151)	1.04%	"	"	
Methyl tert-butyl ether	"	34.8	---	1.00	"	"	ND	"	86.9%	(75-126)	2.05%	"	"	
Naphthalene	"	36.5	---	5.00	"	"	1.38	"	87.9%	(59-182)	4.15%	"	"	
Toluene	"	32.7	---	0.500	"	"	ND	"	81.8%	(75-125)	2.54%	"	"	
o-Xylene	"	34.5	---	1.00	"	"	ND	"	86.3%	(75-130)	0.865%	"	"	
m,p-Xylene	"	68.3	---	2.00	"	"	ND	80.0	85.3%	(75-135)	2.20%	"	"	
Xylenes (total)	"	103	---	3.00	"	"	ND	120	85.7%	(60-140)	1.75%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>		<i>93.8%</i>		<i>Limits: 70-130%</i>		<i>"</i>		<i>11/10/08 18:44</i>				
<i>Toluene-d8</i>		<i>94.0%</i>		<i>75-125%</i>		<i>"</i>		<i>"</i>						
<i>4-BFB</i>		<i>98.8%</i>		<i>75-125%</i>		<i>"</i>		<i>"</i>						

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	COP Westlake	Report Created:
	Project Number:	01CP.01396.44	12/04/08 09:22
	Project Manager:	Jennifer Yotz	

CERTIFICATION SUMMARY

TestAmerica Seattle

Method	Matrix	Nelac	Washington
EPA 6020 - Diss	Water	X	X
EPA 6020	Water	X	X
EPA 8260B	Water	X	X
NWTPH-Dx	Water		X
NWTPH-Gx	Water		X

Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: COP Westlake Project Number: 01CP.01396.44 Project Manager: Jennifer Yotz	Report Created: 12/04/08 09:22
---	--	-----------------------------------

Notes and Definitions

Report Specific Notes:

- P7 - Sample filtered in lab.
- Q5 - Results in the diesel organics range are primarily due to overlap from a gasoline range product.
- Z - Due to sample matrix effects, the surrogate recovery was below the acceptance limits.

Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA - Not Reported / Not Available
- dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle



Curtis D. Armstrong For Kate Haney, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: **BRK0047**

CLIENT: STANTEC		INVOICE TO: SIAME		TURNAROUND REQUEST in Business Days * Organic & Inorganic Analyses <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. Petroleum Hydrocarbon Analyses <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. <input type="checkbox"/> OTHER Specify: * Turnaround Requests less than standard may incur Rush Charges.								
REPORT TO: JGW YOTZ ADDRESS: 12034 134th CT NE REDMOND, WA		P.O. NUMBER:										
PHONE: 372.16000 FAX: 372.16500		PRESERVATIVE										
PROJECT NAME: WESTRake		PROJECT NUMBER: 01CP.01396.44		REQUESTED ANALYSES								
SAMPLED BY:												
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	TPH _{OX}	TPH _{DX}	KEROSENE	BTEX	NAHTHALANE	TOTAL LEAD	DISS LEAD	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1 C1-1	11-05-08/1115	X	X	X	X	X	X	X	W	10		-01
2 C1-2	11-05-08/1130	X	X	X	X	X	X	X	W	10		-02
3 MW-32A	11-05-08/0954	X	X	X	X	X	X	X	W	10		-03
4 MW-34	11-05-08/0826	X	X	X	X	X	X	X	W	10		-04
5 MW-35	11-05-08/1227	X	X	X	X	X	X	X	W	10		-05
6 MW-52	11-05-08/1045	X	X	X	X	X	X	X	W	10		-04
7 MW-57	11-05-08/1127	X	X	X	X	X	X	X	W	10		-07
8 MW-59	11-05-08/0909	X	X	X	X	X	X	X	W	10		-08
9 MW-60	11-05-08/1300	X	X	X	X	X	X	X	W	10		-09
10 MW-202	11-05-08/1230	X	X	X	X	X	X	X	W	10		-10
RELEASED BY: Debbie Hanson		FIRM: Stantec		DATE: 11/5/08		TIME: 1530		RECEIVED BY: Francisco Luna, Jr		FIRM: TA SEA		DATE: 11/5/08
PRINT NAME: Debbie Hanson								PRINT NAME: Francisco Luna, Jr				TIME: 1530
RELEASED BY:		FIRM:		DATE:		TIME:		RECEIVED BY:		FIRM:		DATE:
PRINT NAME:								PRINT NAME:				TIME:
ADDITIONAL REMARKS:										@L6h1615 w/o TEMP: 9.2		PAGE OF

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: **BRK0047**

CLIENT: SPANTEC		INVOICE TO: SAME						TURNAROUND REQUEST in Business Days * Organic & Inorganic Analyses <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. Petroleum Hydrocarbon Analyses <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. <input type="checkbox"/> OTHER Specify: * Turnaround Requests less than standard may incur Rush Charges.								
REPORT TO: JEW YOTZ ADDRESS: 12034 134th Ct NE Redmond, WA		P.O. NUMBER:														
PHONE: 372-1600 FAX: 372-1650		PRESERVATIVE														
PROJECT NAME: WESTLAKE		REQUESTED ANALYSES														
PROJECT NUMBER: 014.01396.44																
SAMPLED BY:																
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	TPH	TPH-DX	KEROSENE	BTEX	NAPHTHALENE	TOTAL LOAD	D.S.S. LOAD				MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID	
1 MW-207	11-05-08/1305	X	X	X	X	X	X	X				W	10	By 11/5/08	11	
2 MW-209	11-05-08/0835	X	X	X	X	X	X	X				W	10		12	
3 MW-210	11-05-08/0915	X	X	X	X	X	X	X				W	10		13	
4 MW-211	11-05-08/1000	X	X	X	X	X	X	X				W	10		14	
5 Trip blank	11-05-08/1530											W	4		15	
6																
7																
8																
9																
10																
RELEASED BY: Debbie Hanson		FIRM: Spantec				DATE: 11/5/08		TIME: 1530		RECEIVED BY: Francisco Lung, Jr		FIRM: TA-SEA		DATE: 11/5/08		TIME: 1530
PRINT NAME: Debbie Hanson										PRINT NAME:						
RELEASED BY:		FIRM:				DATE:		TIME:		RECEIVED BY:		FIRM:		DATE:		TIME:
PRINT NAME:										PRINT NAME:						
ADDITIONAL REMARKS:												@ Lab 1615 w/o		TEMP: 9.2°C	PAGE OF	

01110608

TAT: _____

Paperwork to PM - Date: _____ Time: _____

Non-Conformances?

Page Time & Initials: _____

Circle or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By:
(applies to temp at receipt)

Logged-in By:

Unpacked/Labeled By:

Cooler ID: 311, 209, 337, 374, 310

Date: 11-5-08

Date: 11-5-08

Date: 11-06-08

Work Order No. BRK0047

Time: 1615

Time: 1813

Time: 1427

Client: _____

Initials: F.L

Initials: RF

Initials: CW

Project: _____

Container Type:

COC Seals:

Packing Material _____:

Cooler

____ Ship Container

____ Sign By

Bubble Bags

____ Styrofoam

____ Box

____ On Bottles

____ Date

____ Foam Packs

____ None/Other _____

None

____ None/Other _____

Refrigerant:

Received Via: Bill#

____ Gel Ice Pack _____

____ Fed Ex _____ Client

Loose Ice _____

____ UPS TA Courier

____ None/Other _____

____ DHL _____ Mid Valley

____ Senvoy _____ TDP

____ GS _____ Other _____

92

Cooler Temperature (IR): 9.2 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)

Temperature Blank? 6.9-8.6-6.5-9.2 (circle one) or NA

Trip Blank? or N or NA

BP, OPLC, ARCO-Temperature monitoring every 15 minutes:

(initial/date/time): _____

Comments: _____

Sample Containers:

ID

ID

Intact? or N _____

Metals Preserved? or or NA both.

Provided by TA? or N _____

Client QAPP Preserved? Y or N or NA

Correct Type? or N _____

Adequate Volume? or N _____

#Containers match COC? Y or N _____

(for tests requested) Water VOAs: Headspace? or N or NA MW-34(c)

IDs/time/date match COC? or N _____

Comments: _____

Hold Times in hold? or N _____

PROJECT MANAGEMENT

Is the Chain of Custody complete?

Y or N If N, circle the items that were incomplete

Comments, Problems _____

Total access set up?

Y or N

Has client been contacted regarding non-conformances?

Y or N

If Y, _____ / _____
Date Time

PM Initials: _____ Date: _____ Time: _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 425-420-9200 FAX 420-9210
 11922 E. First Ave, Spokane, WA 99206-5302
 509-924-9200 FAX 924-9290
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 503-906-9200 FAX 906-9210
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: STANTEC		INVOICE TO: SAME		TURNAROUND REQUEST								
REPORT TO: JEN YOTZ ADDRESS: 12024 134TH CT NE REDMOND, WA 98052		P.O. NUMBER: 01CA-01396-14		in Business Days *								
PHONE: 392-1600 FAX: 392-1650		PROJECT NAME: WESTLAKE		<input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD.								
PROJECT NUMBER: 01CA-01396-14		PRESERVATIVE		Organic & Inorganic Analyses Petroleum Hydrocarbon Analyses								
SAMPLED BY: DR		REQUESTED ANALYSES		Specify: <input type="checkbox"/> OTHER								
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	TPH-G	TPH-D	BITX	LABORATORY	TEST	DATE	TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1 MW-2008	11-02-08/0715	X	X	X	LABORATORY	X	11/2/08	0715	W	10		
2 MW-37	11-02-08/0830	X	X	X	LABORATORY	X	11/2/08	0830	W	10		
3 MW-19	11-02-08/0930	X	X	X	LABORATORY	X	11/2/08	0930	W	9		
4 MW-55	11-02-08/1030	X	X	X	LABORATORY	X	11/2/08	1030	W	10		
5												
6												
7												
8												
9												
10												
RELEASED BY: JF King	DATE: 11/3/08	RECEIVED BY: JF King	DATE: 11/3/08	FIRM: Stantec	FIRM: Stantec	RECEIVED BY: JF King	DATE: 11/3/08	FIRM: TA-SEA	DATE: 11/3/08	TIME: 1105	TIME: 1105	
PRINT NAME: Jennifer Yotz	TIME: 1002	PRINT NAME: Francisco Luna, Jr	TIME: 1002			PRINT NAME: Francisco Luna, Jr	TIME: 1002					
RELEASED BY:	DATE:	RECEIVED BY:	DATE:	FIRM:	FIRM:	RECEIVED BY:	DATE:	FIRM:	DATE:	TIME:	TIME:	
PRINT NAME:	TIME:	PRINT NAME:	TIME:			PRINT NAME:	TIME:					
ADDITIONAL REMARKS:												

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 425-420-9200 FAX 420-9210
 11922 E. First Ave, Spokane, WA 99206-5302
 509-924-9200 FAX 924-9290
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 503-906-9200 FAX 906-9210
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: SPANTEC		INVOICE TO: SAME		TURNAROUND REQUEST	
REPORT TO: JEN YOTZ		P.O. NUMBER:		in Business Days *	
ADDRESS: 12024 134TH ST NE		PROJECT NAME: WESTLAKE		Organic & Inorganic Analyses	
PHONE: 392.1600 FAX: 392.1650		PROJECT NUMBER: 01CR 01396 414		Petroleum Hydrocarbon Analyses	
SAMPLED BY:		SAMPLING DATE/TIME		STD. <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1	
1. SMW-4		11-03-08/12:20		Petroleum Hydrocarbon Analyses	
2. SMW-5		11-03-08/1045		STD. <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1	
3. MW-10		11-03-08/1400		OTHER Specify:	
4. MW-50		11-03-08/1257		* Turnaround Requests: less than standard may incur Rush Charges.	
5. MW-54		11-03-08/1411		MATRIX (W, S, O)	# OF CONT.
6. MW-56		11-03-08/1150		REQUESTED ANALYSES	LOCATION/ COMMENTS
7. MW-71		11-03-08/1145		TRH-CX	TA WO ID
8. MW-72		11-03-08/1240		TRH-D	
9. MW-73		11-03-08/1320		RESERVE	
10. MW-90		11-03-08/1345		RESERVE	
RELEASED BY: Stan W. Nelson	DATE: 11-03-08	TIME: 1450	DATE: 11-03-08	TIME: 1450	DATE: 11/3/08
PRINT NAME: Stan W. Nelson	FIRM: SPANTEC		PRINT NAME: Francisco Luna, Jr	FIRM: TH-SEA	TIME: 1435
RELEASED BY:	DATE:	TIME:	DATE:	TIME:	DATE:
PRINT NAME:	FIRM:		PRINT NAME:	FIRM:	TIME:
ADDITIONAL REMARKS:					

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: SPANTEC		INVOICE TO: SAME		TURNAROUND REQUEST									
REPORT TO: Jen Yotz		P.O. NUMBER:		in Business Days *									
ADDRESS: 12034 134 th CT NE		PRESERVATIVE		Organic & Inorganic Analyses									
REDAWOOD, WA		REQUESTED ANALYSES		Petroleum Hydrocarbon Analyses									
PHONE: 372-16000 FAX: 372-1650		THICK		STD.									
PROJECT NAME: WESTLAKE		THIN		STD.									
PROJECT NUMBER: DPCR 01396414		MATHINER		OTHER Specify:									
SAMPLED BY:		BID		* Turnaround Requests less than standard may incur Rush Charges.									
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	THICK	THIN	MATHINER	BID	THICK	THIN	MATHINER	BID	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
MW-90	11-03-08/1345	X	X	X	X	X	X	X	X				
MW-91	11-03-08/1420	X	X	X	X	X	X	X	X				
MW-92	11-03-08/1130	X	X	X	X	X	X	X	X				
MW-93	11-03-08/1305	X	X	X	X	X	X	X	X				
MW-206	11-03-08/1030	X	X	X	X	X	X	X	X				
6													
7													
8													
9													
10													
RELEASED BY: Scott Mann		DATE: 11-03-08		RECEIVED BY: [Signature]		DATE: 11/3/08		FIRM: TA-SEA		DATE: 11/3/08		FIRM: TA-SEA	
PRINT NAME: Scott Mann		TIME: 1450		PRINT NAME: Francisco Long, Jr.		TIME: 1450		FIRM: TA-SEA		DATE: 11/3/08		FIRM: TA-SEA	
RELEASED BY:		DATE:		RECEIVED BY:		DATE:		FIRM:		DATE:		FIRM:	
PRINT NAME:		TIME:		PRINT NAME:		TIME:		FIRM:		DATE:		FIRM:	
ADDITIONAL REMARKS:				TEMP:		PAGE		OF					

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: STANTEC		INVOICE TO: SAME		TURNAROUND REQUEST		
REPORT TO: JEN YOTZ		P.O. NUMBER:		in Business Days *		
ADDRESS: 12024 124th Ct NE		PROJECT NAME: WESTLAKE		Organic & Inorganic Analyses		
REDMOND, WA		PROJECT NUMBER: 01CP0131644		Petroleum Hydrocarbon Analyses		
PHONE: 372-1600 FAX: 372-1650		SAMPLING DATE/TIME		<input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD.		
SAMPLED BY:		SAMPLING DATE/TIME		<input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD.		
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		OTHER Specify:		
1 MW-38	11-01-08/1240	TRIS	TRIS	MATRIX (W, S, O)	LOCATIONS/ COMMENTS	TA WO ID
2 MW-41	11-04-08/0940	TRIS	TRIS	W		
3 MW-44	11-01-08/1155	TRIS	TRIS	W		
4 MW-80	11-04-08/1130	TRIS	TRIS	W		
5 MW-81	11-04-08/1200	TRIS	TRIS	W		
6 MW-82	11-04-08/935	TRIS	TRIS	W		
7 MW-86	11-04-08/1235	TRIS	TRIS	W		
8 MW-87	11-04-08/1330	TRIS	TRIS	W		
9 MW-89	11-04-08/1020	TRIS	TRIS	W		
10 MW-95	11-04-08/1045	TRIS	TRIS	W		
RELEASED BY: <i>Steph. Mon</i>	DATE: 11-01-08	RECEIVED BY: <i>Steph. Mon</i>	DATE: 11/01/08	FIRM: STANTEC	FIRM: JASEA	DATE: 11/01/08
PRINT NAME:	TIME: 1500	PRINT NAME:	TIME: 1500			TIME: 1505
RELEASED BY:	DATE:	RECEIVED BY:	DATE:	FIRM:	FIRM:	DATE:
PRINT NAME:	TIME:	PRINT NAME:	TIME:			TIME:
ADDITIONAL REMARKS:		TEMP:		PAGE OF		

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: <i>SMTEC</i>		INVOICE TO: <i>SMTEC</i>		TURNAROUND REQUEST	
REPORT TO: <i>JEN YOTZ</i>		P.O. NUMBER:		in Business Days *	
ADDRESS: <i>12004 134th ST NE</i>		PROJECT NAME: <i>WESTLAKE</i>		<input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 Organic & Inorganic Analyses	
PHONE: <i>372.1600</i>		PROJECT NUMBER: <i>DICR-01396.44</i>		<input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 Petroleum Hydrocarbon Analyses	
FAX: <i>372.1650</i>		SAMPLED BY:		<input type="checkbox"/> OTHER Specify:	
SAMPLING DATE/TIME		PRESERVATIVE		* Turnaround Requests less than standard may incur Rush Charges.	
CLIENT SAMPLE IDENTIFICATION		REQUESTED ANALYSES		MATRIX (W, S, O)	
1. <i>MW-96102</i>		<i>TRM</i>		<i>W</i>	
2. <i>MW-203</i>		<i>TRM</i>		<i>W</i>	
3. <i>SMW-3</i>		<i>TRM</i>		<i>W</i>	
4. <i>MW-51</i>		<i>TRM</i>		<i>W</i>	
5. <i>MW-53</i>		<i>TRM</i>		<i>W</i>	
6. <i>MW-58</i>		<i>TRM</i>		<i>W</i>	
7.					
8.					
9.					
10.					
RELEASED BY: <i>Sarah Mann</i>		DATE: <i>11-04-08</i>		DATE: <i>11/10/08</i>	
PRINT NAME: <i>Sarah Mann</i>		TIME: <i>1500</i>		TIME: <i>1505</i>	
FIRM: <i>SMTEC</i>		FIRM: <i>SMTEC</i>		FIRM: <i>TA-SIA</i>	
RELEASED BY:		DATE:		DATE:	
PRINT NAME:		TIME:		TIME:	
FIRM:		FIRM:		FIRM:	
ADDITIONAL REMARKS: <i>BOTTLES FOR MW-70 EMPTY FOR RETURN</i>		TEMP:		PAGE OF	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 1922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: STANTEC		INVOICE TO: SAME		TURNAROUND REQUEST			
REPORT TO: JON YOTZ G NE		P.O. NUMBER:		in Business Days * Organic & Inorganic Analyses Petroleum Hydrocarbon Analyses			
ADDRESS: 14024 131st Ave NE Redmond, WA		PHONE: 532-1600 FAX: 532-1650		10 STD. <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 <input type="checkbox"/> 11 STD. <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 <input type="checkbox"/>			
PROJECT NAME: WESTLAKE		PROJECT NUMBER: 01CP-01396.04		OTHER Specify:			
SAMPLED BY:		PRESERVATIVE		* Turnaround Requests less than standard may incur Rush Charges.			
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES		MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1 C1-1	11-05-08/1115	TPH	TPH	TPH	10		
2 C1-2	11-05-08/1130	TPH	TPH	TPH	10		
3 MW-32A	11-05-08/0959	TPH	TPH	TPH	10		
4 MW-34	11-05-08/0826	TPH	TPH	TPH	10		
5 MW-35	11-05-08/1227	TPH	TPH	TPH	10		
6 MW-52	11-05-08/1045	TPH	TPH	TPH	10		
7 MW-57	11-05-08/1127	TPH	TPH	TPH	10		
8 MW-59	11-05-08/0909	TPH	TPH	TPH	10		
9 MW-60	11-05-08/1300	TPH	TPH	TPH	10		
10 MW-202	11-05-08/1239	TPH	TPH	TPH	10		
RELEASED BY: Debbie Hanson		DATE: 11/5/08		RECEIVED BY: [Signature]		DATE: 11/5/08	
PRINT NAME: Debbie Hanson		TIME: 1530		PRINT NAME: [Signature]		TIME: 1530	
RELEASED BY:		DATE:		RECEIVED BY:		DATE:	
PRINT NAME:		TIME:		PRINT NAME:		TIME:	
FIRM: Stantec		FIRM: Stantec		FIRM: [Signature]		FIRM: [Signature]	
ADDITIONAL REMARKS:		TEMP:		PAGE:		OF:	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210
 509-924-9200 FAX 924-9290
 503-906-9200 FAX 906-9210
 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: STARTEC REPORT TO: JEN YOTZ ADDRESS: 17034 134th Ct NE Redmond, WA PHONE: 372-1600 FAX: 372-1650 PROJECT NAME: WESTLAKE PROJECT NUMBER: 0169-0139644 SAMPLED BY:		INVOICE TO: SAME P.O. NUMBER:		PRESERVATIVE REQUESTED ANALYSES		TURNAROUND REQUEST in Business Days * Organic & Inorganic Analyses Petroleum Hydrocarbon Analyses STD. <input type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD. <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 OTHER Specify:		* Turnaround Requests less than standard may incur Rush Charges.			
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	STARTEC	TRAC	TRAC	TRAC	TRAC	TRAC	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA W/O ID
1 MW-207	11-05-08/1305	X	X	X	X	X	X	W	10		
2 MW-209	11-05-08/0835	X	X	X	X	X	X	W	10		
3 MW-210	11-05-08/0915	X	X	X	X	X	X	W	10		
4 MW-211	11-05-08/1000	X	X	X	X	X	X	W	10		
5											
6											
7											
8											
9											
10											
RELEASED BY: Debbie Hanson PRINT NAME: Debbie Hanson FIRM: Startec		RECEIVED BY: [Signature] PRINT NAME: [Signature] FIRM: [Signature]		DATE: 11/5/08 TIME: 1530		DATE: 11/5/08 TIME: 1530		FIRM: [Signature]		DATE: 11/5/08 TIME: 1530	
RELEASED BY:		RECEIVED BY:		DATE:		DATE:		FIRM:		DATE:	
PRINT NAME:		PRINT NAME:		TIME:		TIME:		FIRM:		TIME:	
FIRM:		FIRM:		TEMP:		TEMP:		PAGE:		OF:	
ADDITIONAL REMARKS:											