



**Stantec**

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**GROUNDWATER MONITORING REPORT-DRAFT**

ConocoPhillips Facility No. / Street Address: 255353 / 600 Westlake Avenue North, Seattle, Washington  
ConocoPhillips Site Manager: Mr. Kipp Eckert  
Primary Agency/Regulatory ID No.: Washington State Department of Ecology / 1714  
Stantec Project No.: 212301523  
Reporting Period / Report Date: Second Quarter 2009 / July 10, 2009

**WORK PERFORMED**

Groundwater monitoring during the second quarter of 2009 (the reporting period) was performed from May 17 to 18, 2009 and included gauging 27 groundwater monitoring wells and sampling 26 groundwater monitoring wells. Well MW-206 was gauged but not sampled because there was an insufficient volume of water in the well to fill the sample containers. Four wells were inaccessible and were not gauged or sampled. Groundwater monitoring well locations are shown on Figure 1. Groundwater elevations from the reporting period are summarized in Table 1 and illustrated on Figure 2.

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 included in Appendix A. Groundwater samples were submitted to the TestAmerica, Inc. laboratory in Bothell, Washington for the following chemical analyses:

- Gasoline range hydrocarbons (TPH-g) using Ecology Method NWTPH-Gx;
- Kerosene, diesel range hydrocarbons (TPH-d) and heavy oil range hydrocarbons (TPH-o) using Ecology Method NWTPH-Dx with silica gel cleanup;
- Benzene, toluene, ethyl benzene, total xylenes (collectively known as BTEX), naphthalene using United States Environmental Protection Agency (USEPA) Method 8260B; and,
- Total and dissolved lead using USEPA Method 6000/7000 Series.

**DATA SUMMARY**

Frequency of Sampling Events:	<u>Quarterly</u>
Depth to Groundwater (below TOC):	<u>7.00 ft. (MW-203) to 16.67 ft. (MW-45)</u>
Maximum TPH-g Concentration:	<u>61,200 µg/L (MW-19)</u>
Maximum TPH-d Concentration:	<u>2,140 µg/L (MW-19)</u>
Maximum TPH-o Concentration:	<u>4,320 µg/L (MW-18)</u>
Maximum Benzene Concentration:	<u>3,380 µg/L (MW-86)</u>
Liquid Phase Hydrocarbons Measured:	<u>None</u>
Free Product Recovered This Quarter:	<u>None detected</u>
Cumulative Free Product Recovered To Date:	<u>43,632 gallons</u>
Water Wells and/or Surface Water w/in 2,000 ft radius:	<u>Lake Union, 400 feet to the North</u>
Current Remedial Actions:	<u>Removal of petroleum and impacted soil (by others).</u>

## **DISCUSSION**

Depth to groundwater was measured in 27 groundwater monitoring wells ranging from approximately 7.00 feet to 16.67 feet below TOC. Liquid phase hydrocarbons (LPH) equal to or greater than 0.01 foot thick (the measuring limitation of the instrument) were not measured.

Wells MW-54, MW-206, MW-207, MW-209, and SMW-3 were not sampled. These wells were inaccessible or had an insufficient volume of water to fill sample containers. Well CI-3 is located on the Propel property and is no longer part of the sampling program. Wells MW-3A, MW-32A, MW-34, MW-35, MW-49, MW-50, MW-52, MW-53, MW-55 through MW-60, MW-76, MW-82, MW-89 through MW-94, MW-102, SMW-4, and SMW-5 were abandoned in November 2008.

Groundwater samples were submitted to TestAmerica Inc. in Bothell, Washington on May 19, 2009. A copy of the analytical report is included in Appendix B. Analytical results from the reporting period are summarized in Table 2. Historical groundwater analytical results including results from the reporting period are summarized in Table 3. TPH-g and benzene concentrations are illustrated on Figure 3. TPH-d, TPH-o and kerosene data are illustrated on Figure 4.

The following bullet list of items summarizes the analytical results from the reporting period.

- TPH-g was detected at concentrations exceeding the Model Toxics Control Act (MTCA) Method A cleanup level in eight groundwater monitoring wells, ranging from 1,510 micrograms per liter ( $\mu\text{g/L}$ ) (MW-73) to 61,200  $\mu\text{g/L}$  (MW-19).
- TPH-d was detected at concentrations exceeding the MTCA Method A cleanup level in six groundwater monitoring wells ranging from 396  $\mu\text{g/L}$  (MW-200) to 2,140  $\mu\text{g/L}$  (MW-19).
- TPH-o was detected at a concentration exceeding the MTCA Method A cleanup level in groundwater monitoring well MW-18 at a concentration of 4,320  $\mu\text{g/L}$ .
- Benzene was detected at concentrations exceeding the MTCA Method A cleanup level in eight groundwater monitoring wells ranging from 9.97  $\mu\text{g/L}$  (MW-73) to 3,380  $\mu\text{g/L}$  (MW-86).
- Ethylbenzene was detected at concentrations exceeding the MTCA Method A cleanup level in groundwater monitoring well MW-208 at a concentration of 700  $\mu\text{g/L}$ .
- Total xylenes were detected at concentrations exceeding the MTCA Method A cleanup level in groundwater monitoring well MW-19 and MW-208 at a concentrations of 12,300  $\mu\text{g/L}$  and 2,100  $\mu\text{g/L}$  respectively.
- Naphthalene was detected at concentrations exceeding the MTCA Method A cleanup level in groundwater monitoring wells MW-200 and MW-208 at a concentrations of 273  $\mu\text{g/L}$  and 274  $\mu\text{g/L}$  respectively.
- Total lead was detected at concentrations exceeding the MTCA Method A cleanup level in groundwater monitoring wells MW-18 and MW-19 at a concentrations of 93.1  $\mu\text{g/L}$  and 28.30  $\mu\text{g/L}$  respectively.
- Kerosene was detected at concentrations exceeding the MTCA Method A cleanup level in seven groundwater monitoring wells ranging from 695  $\mu\text{g/L}$  (MW-18) to 20,900  $\mu\text{g/L}$  (MW-19).
- Purge water generated during the first quarter sampling event was temporarily stored onsite in a properly labeled Department of Transportation-approved drum.

## WORK PROPOSED FOR THE NEXT REPORTING PERIOD (Third Quarter 2009)

- Gauge, purge, and sample the existing network of 31 groundwater monitoring wells. Submit groundwater samples for analysis of TPH-g, TPH-d, TPH-o, kerosene, BTEX, MTBE, naphthalene, total lead and dissolved lead.
- Prepare a groundwater monitoring report describing the results of our investigation and submit a copy to the Washington State Department of Ecology.

## LIMITATIONS AND CERTIFICATIONS

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.

## CLOSING

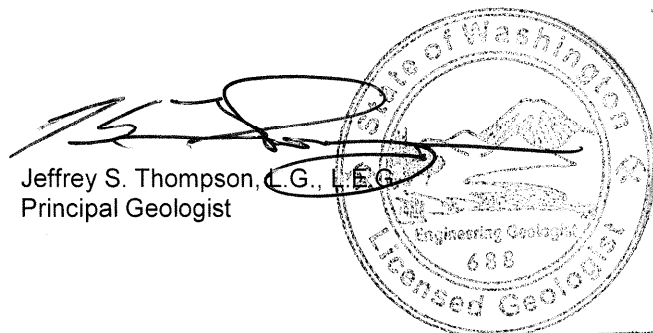
If you have any questions regarding the contents of this report, please feel free to contact Mr. Kipp Eckert, Contract Site Manager for ConocoPhillips at (206) 890-6293, or Jeff Thompson, Stantec project manager at (425) 298-1000.

Sincerely,

**Stantec Consulting Corporation**



Andrea Donnell  
Geologic Staff



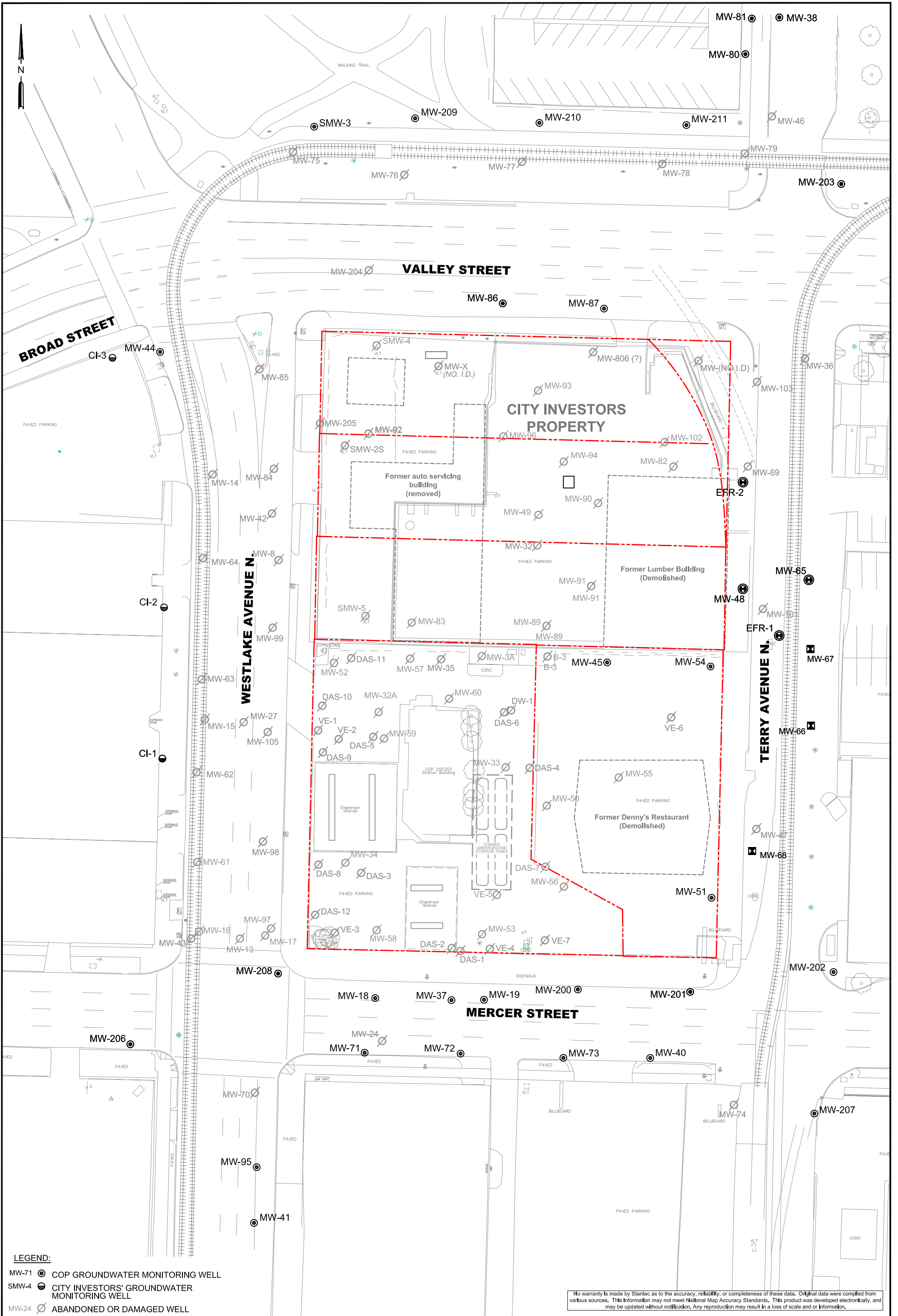
Jeffrey S. Thompson, L.G., L.E.G.  
Principal Geologist

## ATTACHMENTS

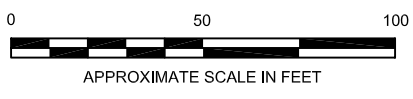
- |             |  |
|-------------|--|
| Figure 1:   | Site Map with Monitoring Well Locations (5/17/2009 – 5/18/2009)                |
| Figure 2:   | Site Map with Groundwater Elevations (5/17/2009 – 5/18/2009)                   |
| Figure 3:   | Site Map with TPH-g and Benzene Concentrations (5/17/2009 – 5/18/2009)         |
| Figure 4:   | Site Map with TPH-d, TPH-o and Kerosene Concentrations (5/17/2009 – 5/18/2009) |
| Table 1:    | Second Quarter 2009 Groundwater Elevation Results                              |
| Table 2:    | Second Quarter 2009 Groundwater Analytical Results                             |
| Table 3:    | Historical Groundwater Analytical Results                                      |
| Appendix A: | Groundwater Sampling Procedures and Groundwater Monitoring Field Data Records  |
| Appendix B: | Laboratory Analytical Reports and Chain-of-Custody Record                      |

cc: Roger Nye, Washington State Department of Ecology


## **FIGURES**

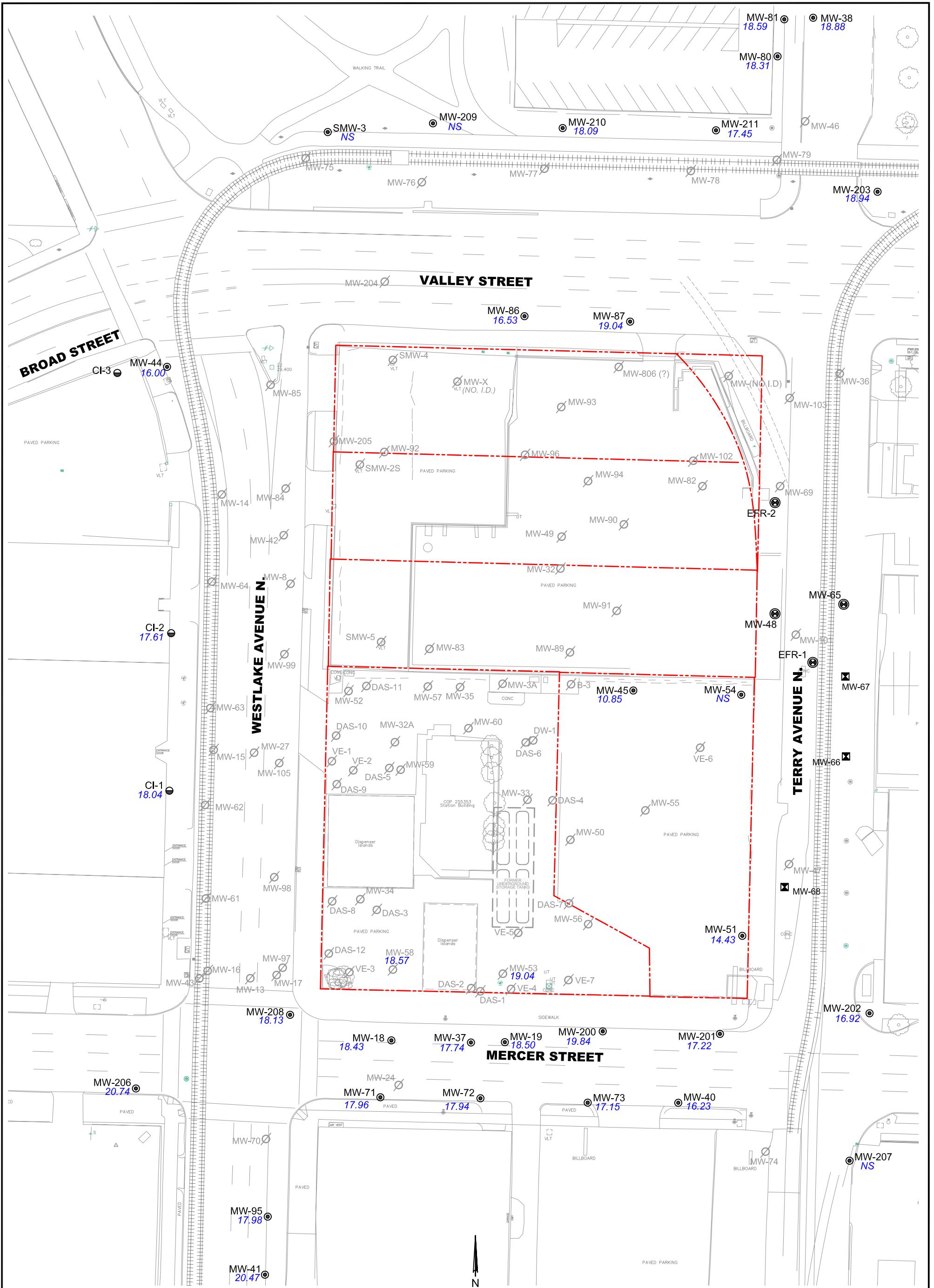


- LEGEND:**
- MW-71 ● COP GROUNDWATER MONITORING WELL
  - SMW-4 ● CITY INVESTORS' GROUNDWATER MONITORING WELL
  - MW-24 ∅ ABANDONED OR DAMAGED WELL
  - MW-68 ☒ SOIL VAPOR EXTRACTION WELL LOCATION
  - DAS-4 ⊕ AIR SPARGING WELL LOCATION
  - MW-66 ⊕ DUAL PHASE EXTRACTION WELL LOCATION



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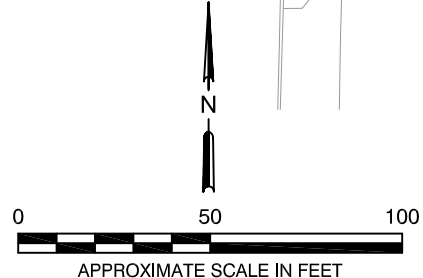
 <b>Stantec</b> 12034 134th COURT NE SUITE 102 REDMOND, WASHINGTON PHONE: (425) 372-1590 FAX: (425) 372-1650	FOR: <b>ConocoPhillips</b> FACILITY NO. 255353 600 WESTLAKE AVENUE N SEATTLE, WASHINGTON		<b>SITE MAP WITH          MONITORING WELL LOCATIONS</b>		FIGURE: <b>1</b>
	JOB NUMBER: 212301523	DRAWN BY: DH	CHECKED BY: TP	APPROVED BY: TP	DATE: 5/19/09



- 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

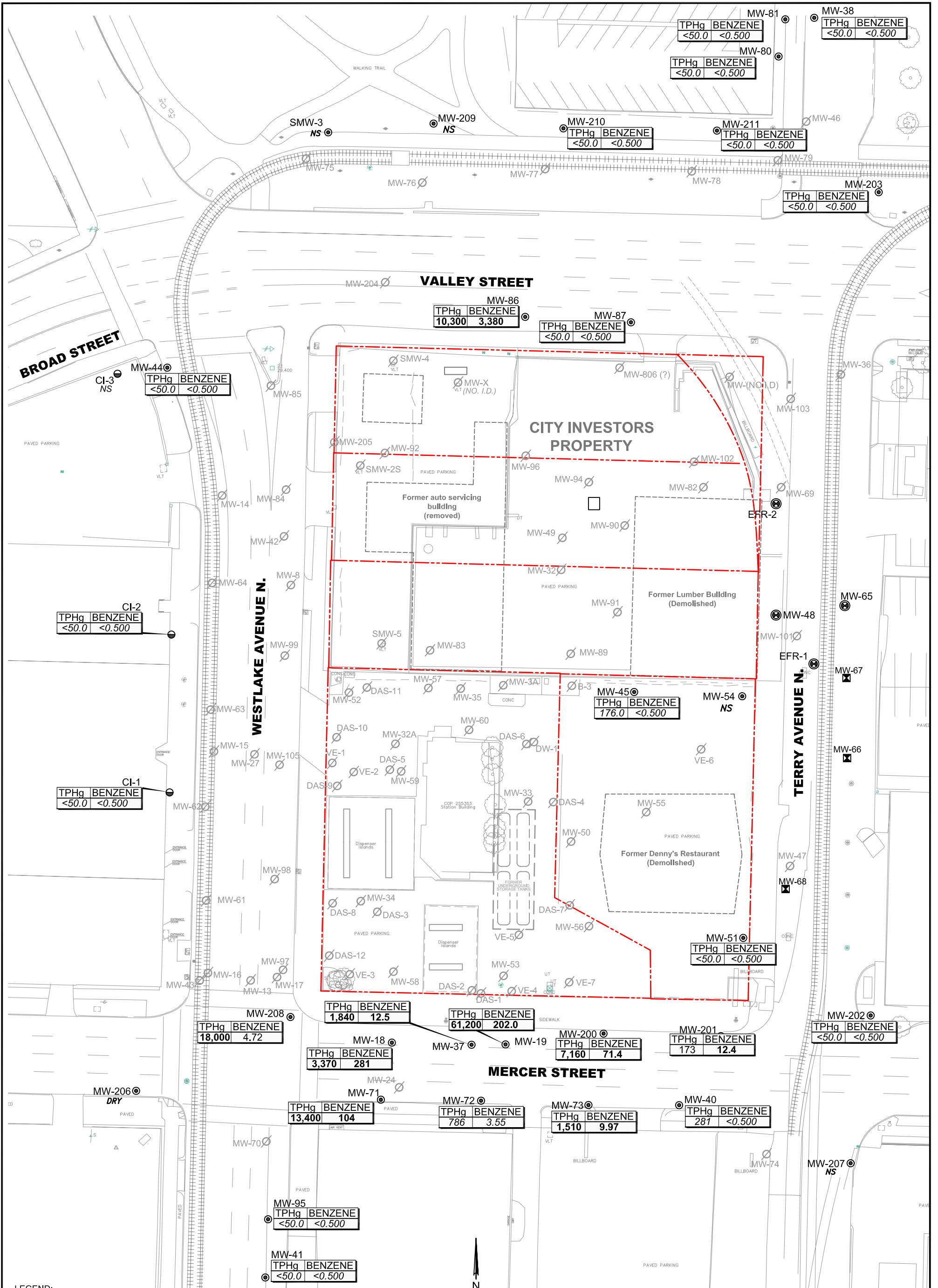


**NOTES:**

1). ALL LOCATIONS ARE APPROXIMATE.

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 12034 134th COURT NE, SUITE 102 REDMOND, WASHINGTON PH (425) 372-1600/FAX (425) 372-1601	FOR:  <b>ConocoPhillips</b> FACILITY NO. 255353 WESTLAKE AND MERCER SEATTLE, WASHINGTON	<b>SITE MAP WITH          GROUNDWATER ELEVATIONS          (MAY 17, 2009)</b>		FIGURE: <b>2</b>
	JOB NUMBER: 212301523	DRAWN BY: DJH	CHECKED BY: AD	APPROVED BY: JT



**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
<50.0	<0.500


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

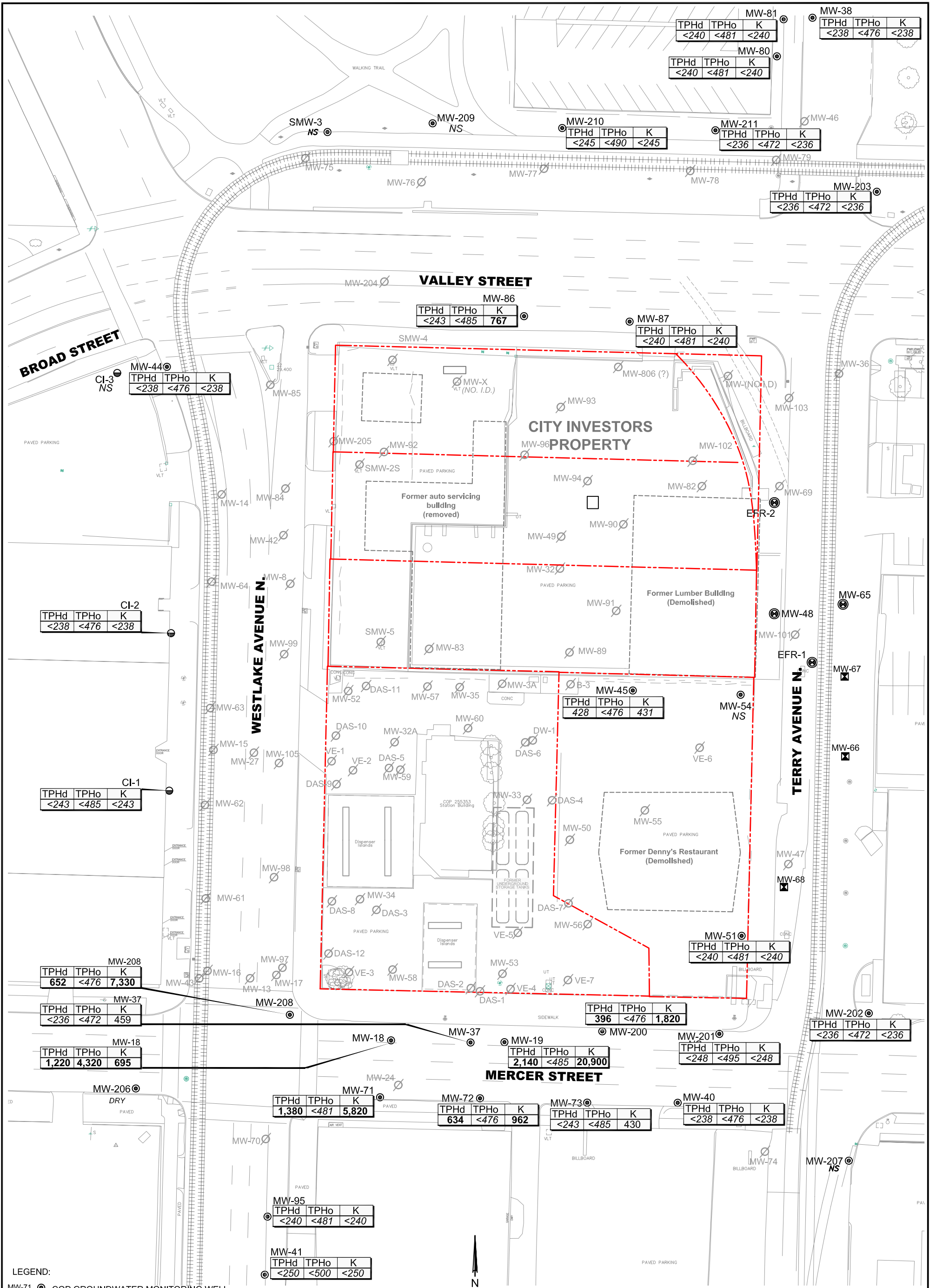


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 <b>Stantec</b> 12034 134th COURT NE, SUITE 102 REDMOND, WASHINGTON PH (425) 372-1600/FAX (425) 372-1650	FOR: <b>ConocoPhillips</b> FACILITY NO. 255353 WESTLAKE AND MERCER SEATTLE, WASHINGTON	<b>SITE MAP WITH          TPHg AND BENZENE CONCENTRATIONS          (MAY 17, 2009)</b>	FIGURE: <h1 style="font-size: 2em;">3</h1>
JOB NUMBER: 212301523	DRAWN BY: DJH	CHECKED BY: AD	APPROVED BY: JT
			DATE: 6/17/09



TPHd	TPHo	K
<238	<476	<238

TPHd	TPHo	K
<238	<476	<238

TPHd	TPHo	K
<243	<485	<243

TPHd	TPHo	K
652	<476	7,330

TPHd	TPHo	K
<236	<472	459

TPHd	TPHo	K
1,220	4,320	695

TPHd	TPHo	K
<243	<485	767

TPHd	TPHo	K
<240	<481	<240

TPHd	TPHo	K
428	<476	431

TPHd	TPHo	K
<240	<481	<240

TPHd	TPHo	K
396	<476	1,820

TPHd	TPHo	K
2,140	<485	20,900

TPHd	TPHo	K
1,380	<481	5,820

TPHd	TPHo	K
634	<476	962

TPHd	TPHo	K
<243	<485	430

TPHd	TPHo	K
<238	<476	<238

TPHd	TPHo	K
<240	<481	<240

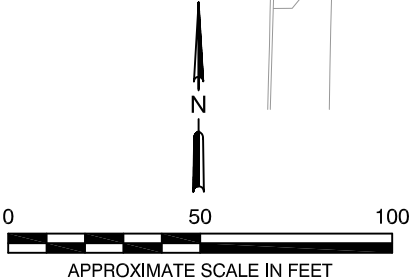
TPHd	TPHo	K
<250	<500	<250

- LEGEND:**
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  - 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
<238	<476	<238

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



**NOTES:**  
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 12034 134th COURT NE, SUITE 102 REDMOND, WASHINGTON PH (425) 372-1600/FAX (425) 372-1650	<b>FOR:</b>  FACILITY NO. 255353 WESTLAKE AND MERCER SEATTLE, WASHINGTON	<b>SITE MAP WITH          TPHd, TPHo AND KEROSENE          CONCENTRATIONS          (MAY 17, 2009)</b>		<b>FIGURE:</b> <span style="font-size: 2em; font-weight: bold;">4</span>
	JOB NUMBER: 212301523	DRAWN BY: DJH	CHECKED BY: AD	APPROVED BY: JT



## **TABLES**

**TABLE 1**  
**SECOND QUARTER 2009 GROUNDWATER ELEVATION RESULTS**

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

Well ID	Gauging Date	Top of Casing Elevation <sup>1</sup> (feet)	Depth to Groundwater (feet)	Liquid Phase Hydrocarbon Thickness (feet)	Groundwater Elevation <sup>2</sup> (feet)
CI-1	05/17/09	29.97	11.93	0.00	18.04
CI-2	05/17/09	28.98	11.37	0.00	17.61
CI-3	Located on Propel property		Inaccessible		
MW-18	05/17/09	30.08	11.65	0.00	18.43
MW-19	05/17/09	29.93	11.43	0.00	18.50
MW-33	Under construction debris		Inaccessible		
MW-37	05/17/09	30.09	12.35	0.00	17.74
MW-38	05/17/09	26.01	7.13	0.00	18.88
MW-40	05/17/09	30.08	13.85	0.00	16.23
MW-41	05/17/09	36.25	15.78	0.00	20.47
MW-44	05/17/09	27.97	11.97	0.00	16.00
MW-45	05/17/09	27.52	16.67	0.00	10.85
MW-51	05/17/09	29.75	15.32	0.00	14.43
MW-54	05/17/09	Inaccessible			
MW-71	05/17/09	30.42	12.46	0.00	17.96
MW-72	05/17/09	30.32	12.38	0.00	17.94
MW-73	05/17/09	30.11	12.96	0.00	17.15
MW-80	05/17/09	26.34	8.03	0.00	18.31
MW-81	05/17/09	26.21	7.62	0.00	18.59

**TABLE 1**  
**SECOND QUARTER 2009 GROUNDWATER ELEVATION RESULTS**

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

Well ID	Gauging Date	Top of Casing Elevation <sup>1</sup> (feet)	Depth to Groundwater (feet)	Liquid Phase Hydrocarbon Thickness (feet)	Groundwater Elevation <sup>2</sup> (feet)
MW-83					Inaccessible
MW-86	05/17/09	27.55	11.02	0.00	16.53
MW-87	05/17/09	26.74	7.70	0.00	19.04
MW-95	05/17/09	31.99	14.01	0.00	17.98
MW-96					Inaccessible
MW-200	05/17/09	29.69	9.85	0.00	19.84
MW-201	05/17/09	29.32	12.10	0.00	17.22
MW-202	05/17/09	30.55	13.63	0.00	16.92
MW-203	05/17/09	25.94	7.00	0.00	18.94
MW-206	05/17/09	31.54	10.80	0.00	20.74
MW-207	05/17/09	30.65			Inaccessible
MW-208	05/17/09	30.28	12.15	0.00	18.13
MW-209	05/17/09	27.00			Inaccessible
MW-210	05/17/09	26.70	8.61	0.00	18.09
MW-211	05/17/09	26.55	9.10	0.00	17.45
SMW-3	05/17/09	27.40			Inaccessible

**NOTES:**

<sup>1</sup> 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.

<sup>2</sup> 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**  
**SECOND QUARTER 2009 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	05/17/09	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<243
CI-2	05/17/09	<50.0	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.72	<1.00	<238
MW-18	05/17/09	<b>3,370</b>	<b>1,220</b>	<b>4,320</b>	<b>281</b>	3.95	29.4	258	<1.0	62.6	<b>93.1</b>	4.77	<b>695</b>
MW-19	05/17/09	<b>61,200</b>	<b>2,140</b>	<485	<b>202.0</b>	37.6	343	<b>12,300</b>	<1.00	63.7	<b>28.30</b>	1.41	<b>20,900</b>
MW-37	05/17/09	<b>1,840</b>	<236	<472	<b>12.5</b>	2.37	35.5	199	<1.00	16.30	1.37	<1.00	459
MW-38	05/17/09	<50.0	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.71	<1.00	<238
MW-40	05/17/09	281	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	4.64	<1.00	<238
MW-41	05/17/09	<50.0	<250	<500	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.05	<1.00	<250
MW-44	05/17/09	<50.0	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.01	<1.00	<238
MW-45	05/17/09	176.0	428	<476	<0.500	<0.500	<0.500	<3.00	<1.00	97.9	<1.00	<1.00	431
MW-51	05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.36	<1.00	<240
MW-54	05/17/09	Inaccessible											
MW-71	05/17/09	<b>13,400</b>	<b>1,380</b>	<481	<b>104</b>	2.38	260	201	<1.00	151	2.21	<1.00	<b>5,820</b>
MW-72	05/17/09	786	<b>634</b>	<476	3.55	<0.500	24.1	<3.00	<1.00	8.92	2.14	<1.00	<b>962</b>
MW-73	05/17/09	<b>1,510</b>	<243	<485	<b>9.97</b>	1.00	0.73	<3.00	<1.00	<5.00	5.34	<1.00	430
MW-80	05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.83	<1.00	<240
MW-81	05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	3.27	<1.00	<240
MW-86	05/17/09	<b>10,300</b>	<243	<485	<b>3,380</b>	22.40	87.70	95.00	<1.00	<5.00	<1.00	<1.00	<b>767</b>
MW-87	05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<240
MW-95	05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<240
MW-200	05/17/09	<b>7,160</b>	<b>396</b>	<476	<b>71.4</b>	3.72	224.0	363	<1.00	<b>273</b>	10.4	<1.00	<b>1,820</b>
MW-201	05/17/09	173	<248	<495	<b>12.4</b>	<0.500	<0.500	<3.00	<1.00	<5.00	11.8	1.28	<248
MW-202	05/17/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	12.90	<1.00	<236
MW-203	05/17/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	4.03	<1.00	<236
MW-206	05/17/09	Insufficient volume of water to fill sample containers.											
MW-207	05/17/09	Inaccessible											
MW-208	05/17/09	<b>18,000</b>	<b>652</b>	<476	4.72	6.26	<b>700</b>	<b>2,100</b>	<1.00	<b>274</b>	3.84	<1.00	<b>7,330</b>
MW-209	05/17/09	Inaccessible											
MW-210	05/17/09	<50.0	<245	<490	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<245
MW-211	05/17/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	4.72	<1.00	<236

**TABLE 2**  
**SECOND QUARTER 2009 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)
SMW-3	05/17/09	Inaccessible											
<b>MTCA Method A Cleanup Level for Groundwater</b>		<b>1000/800<sup>a</sup></b>	<b>500</b>	<b>500</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>	<b>20</b>	<b>160</b>	<b>15</b>	<b>15</b>	<b>500</b>

**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.

<sup>a</sup> 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 <sup>a</sup>	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	<b>3,140</b>	<236	<472	<b>476</b>	6.470	4.59	1.83	9.96	<1	<5	<1	<1	9.85	0.00	--	
	05/09/08	<50	<0.238	<0.476	<0.238	<0.5	<0.5	<0.5	<3	<1	<5	1.26	<1	<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
	02/25/09	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00	<1.00	<243	10.82	0.00	19.15
05/17/09	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<1.00	<243	11.93	0.00	18.04	
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	<b>3,350</b>	<236	<472	<b>566</b>	7.04	4.76	1.93	10.1	<1	<5	<1	<1	10.00	0.00	--	
	05/09/08	<50	<0.238	<0.476	<0.238	<0.5	<0.5	<0.5	<3	<1	<5	1.26	<1	<1	10.68	0.00	--
	06/03/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	9.22	<1	<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
	02/25/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00	<1.00	<240	9.90	0.00	19.08
05/17/09	<50.0	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.72	<1.00	<1.00	<238	11.37	0.00	17.61	

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

Sample I.D. TOC <sup>a</sup>	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-3	03/08/07	<50	<255	<510	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.46	0.00	--	
	06/13/07	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.43	0.00	--	
	09/12/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.28	0.00	--	
	12/19/07	3,570	<236	<472	16,000	5.2	5.7	8.9	<1	<1	<1	--	--	8.58	0.00	--	
	03/18/08	3,340	<236	<472	555	6.86	4.78	1.90	10.1	<1	<1	<5	<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													--	--	--
29.04	08/05/08	2,410			19.6	6.47	7.71	10.4	<1	<5				9.72	0.00	19.32	
		Well located on Propel Station property, unable to sample.													--	--	--
MW-3 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.	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-3 contd.	09/26/02 <sup>c</sup>	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 <sup>j</sup>	<241 <sup>j</sup>	<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 <sup>r</sup>	<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.													--	--	--	
11/18/08	Decommissioned													--	--	--	
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 <sup>g</sup>	<485	4,540	955	3,240	12,000	<1	--	--	--	--	10.04	0.00	18.78	
	02/22/06	72,800	623 <sup>g</sup>	<490	2,760	6,240	3,020	13,400	<1,000 <sup>q,r</sup>	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													--	--	--



**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-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
	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	<b>1,820</b>	<b>880<sup>f</sup></b>	<b>1,100<sup>f</sup></b>	2.91	<1	<1	<2	<1	--	--	--	--	--	11.86	0.00
07/26/05	Not sampled - well did not recharge after purging dry													12.06	0.00	--
30.88	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	<b>&lt;543</b>	<0.5	<0.5	<0.5	<3	<1	<1	11.9	--	--	--	--	--
	05/08/06	236	<243	<485	<0.5	<0.5	<0.5	<3	<1	<1	<b>38.2</b>	--	--	12.08	0.00	-12.08
	08/31/06	<100	<243	<485	1.24	<0.5	7.64	6.68	<1	6.00	<b>48.9</b>	--	--	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
06/16/05	Not enough water in well to sample													8.60	0.00	10.68
06/13/06	Decommissioned													--	--	--

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

Sample I.D. TOC <sup>a</sup>	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-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													--	--	--
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
30.26	06/16/05	<500	<b>4,000<sup>h,i</sup></b>	<b>16,000<sup>i</sup></b>	--	135	<5	<5	<10	<5	--	--	--	10.86	0.00	10.33
	07/26/05	358	<b>8,320<sup>c</sup></b>	<b>20,700</b>	--	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	<b>1,080</b>	--	4.09	<0.5	<0.5	<3.00	<1	<1	<b>157</b>	--	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													--	--

**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)
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
	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	<b>6,600</b>	<b>18,000<sup>f,i</sup></b>	<b>28,800<sup>i</sup></b>	<b>403</b>	434	91.9	779	<1	--	--	--	--	10.83	0.00	10.26
30.08	07/26/05	<b>1,400</b>	<b>6,930</b>	<b>13,200</b>	<b>35.2</b>	3.98	6.23	33.4	<1	30.9	--	--	--	11.19	0.00	--
	11/07/05	<b>2,660</b>	271 <sup>f</sup>	<b>&lt;505</b>	<b>84.4</b>	28.2	28.7	314	<4	--	--	--	--	11.37	0.00	18.71
	02/22/06	<b>10,800</b>	<b>2,090<sup>p</sup></b>	<b>&lt;505</b>	<b>345</b>	217	56.4	697	<20.0 <sup>q</sup>	80.2	<b>386</b>	--	--	10.60	0.00	19.48
	05/10/06	<b>1,450</b>	269 <sup>p</sup>	<481	<b>102</b>	5.32	19.0	57.4	<4	122	<b>64.8</b>	--	--	11.85	0.00	18.23
	08/29/06	<b>1,250</b>	377 <sup>p</sup>	<b>1,030</b>	<b>298</b>	7.42	13.5	72.2	<1	107	<b>1,360</b>	--	--	11.65	0.00	18.43
	12/12/06	<b>4,360</b>	<b>856</b>	<b>1,800</b>	<b>301</b>	28.7	44.9	281	<1	69.2	<b>70.2</b>	--	--	10.68	0.00	19.40
	03/06/07	<b>856</b>	<266	<b>&lt;532</b>	<b>140</b>	5.00	7.20	67.1	<10	<50	<b>15.3</b>	--	--	11.14	0.00	18.94
	06/14/07	330	<236	<472	<b>8.67</b>	0.72	2.02	4.84	<1	44.9	<b>73.4</b>	--	--	11.24	0.00	18.84
09/14/07	458	<243	<485	<b>15.6</b>	16.3	3.23	6.46	<1	16.4	<b>226.0</b>	--	--	11.62	0.00	18.46	
12/17/07	Well compromised, unable to sample													--	--	--



**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)
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 <sup>a</sup>	06/16/05	--	--	--		--	--	--	--	--	--	--	--	Dry	--	--
	06/13/06	Decommissioned												--	--	--
MW-32A 20.70	11/04/91	<b>52,000</b>	<b>&lt;1,000</b>	--		<b>10,000</b>	<b>10,000</b>	<b>2,000</b>	<b>10,000</b>	--	--	--	--	--	--	--
	12/29/93	<b>19,000</b>	<b>2,900</b>	<b>1,300</b>		<b>6,300</b>	<b>990</b>	940	<b>1,700</b>	--	--	--	--	10.73	0.00	9.97
	04/07/94	<b>11,000</b>	<b>2,100</b>	<b>1,300</b>		<b>3,900</b>	150	490	<b>590</b>	--	--	--	--	10.65	0.00	10.05
	07/14/94	<b>9,900</b>	<b>1,700</b>	<b>1,500</b>		<b>5,600</b>	54	530	<b>500</b>	--	--	--	--	10.72	0.00	9.98
	10/25/94	<b>19,000</b>	<b>1,100</b>	<b>1,000</b>		<b>4,600</b>	<b>2,300</b>	560	<b>2,300</b>	--	--	--	--	11.46	0.00	9.24
	03/08/95	<b>21,000</b>	<b>2,300</b>	<b>2,300</b>		<b>5,800</b>	<b>1,700</b>	990	<b>2,900</b>	--	--	--	--	11.29	0.00	9.41
	06/06/95	--	--	--		--	--	--	--	--	--	--	--	NM	NM	--
	09/07/95	<b>20,000</b>	<b>2,500</b>	<b>1,600</b>		<b>4,200</b>	470	730	<b>2,000</b>	--	--	--	--	11.27	--	9.43
	12/08/95	<b>11,000</b>	<b>1,200</b>	<b>&lt;750</b>		<b>1,600</b>	86	420	<b>910</b>	--	--	--	--	10.61	--	10.09
	04/01/96	<b>7,900</b>	<b>1,400</b>	<b>1,000</b>		<b>2,200</b>	58	300	<b>490</b>	--	--	--	--	10.90	--	9.80
	06/25/96	<b>7,500</b>	<b>1,250</b>	<b>&lt;750</b>		<b>1,200</b>	60.4	217	<b>435</b>	--	--	--	--	10.98	--	9.72
	09/27/96	<b>7,050</b>	<b>1,040</b>	<b>&lt;750</b>		<b>1,570</b>	37.4	264	<b>416</b>	--	--	--	--	11.37	--	9.33
	03/28/97	--	--	--		--	--	--	--	--	--	--	--	11.26	--	9.44
	06/30/97	--	--	--		--	--	--	--	--	--	--	--	10.89	--	9.81
	09/08/97	--	--	--		--	--	--	--	--	--	--	--	11.67	0.00	9.03
	12/19/97	--	--	--		--	--	--	--	--	--	--	--	11.42	0.00	9.28
	03/16/98	--	--	--		--	--	--	--	--	--	--	--	11.30	0.00	9.40
06/26/98	--	--	--		--	--	--	--	--	--	--	--	11.29	0.00	9.41	
09/23/98	--	--	--		--	--	--	--	--	--	--	--	11.97	0.00	8.73	
12/17/98	--	--	--		--	--	--	--	--	--	--	--	11.09	0.00	9.61	

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

Sample I.D. TOC <sup>a</sup>	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-32A contd.	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 <sup>b</sup>	<b>7,010</b>	<b>1,740</b>	<b>&lt;750</b>	<b>4,430</b>	136	438	182	--	--	--	--	--	10.90	0.00	9.80
	06/15/01 <sup>b</sup>	<b>13,700</b>	<b>2,810</b>	<b>&lt;846</b>	<b>2,370</b>	11.2	272	31.1	--	--	--	--	--	11.31	0.00	9.39
	06/26/01 <sup>b</sup>	<b>15,500</b>	<b>1,620</b>	<b>&lt;750</b>	<b>8,780</b>	<b>1,110</b>	<b>1,230</b>	<b>1,020</b>	--	--	--	--	--	11.85	0.00	8.85
	09/07/01 <sup>b</sup>	<b>17,100</b>	<b>4,220</b>	<b>822</b>	<b>5,870</b>	19.9	684	110	--	--	--	--	--	10.81	0.00	9.89
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	<b>12,200</b>	<b>4,260</b>	<b>711</b>	<b>3,570</b>	180	537	393	--	--	--	--	--	11.29	0.00	9.41
	03/08/02	<b>16,400</b>	<b>4,140</b>	<b>769</b>	<b>4,900</b>	142	619	247	--	--	--	--	--	11.49	0.00	9.21
	06/24/02	<b>6,850</b>	<b>2,040</b>	<b>577</b>	<b>2,820</b>	7.43	221	59.1	--	--	--	--	--	11.56	0.00	9.14
	09/26/02 <sup>c</sup>	<b>6,580</b>	<b>3,740</b>	<b>670</b>	<b>1,930</b>	31.4	204	89.7	--	--	--	--	--	12.88	0.00	7.82
	12/12/02	<b>6,750</b>	<b>3,530</b>	<b>528</b>	<b>1,450</b>	55.6	229	283	--	--	--	--	--	12.72	0.00	7.98
	03/13/03	<b>13,000</b>	<b>2,550</b>	<b>&lt;581</b>	<b>1,990</b>	222	419	806	--	--	--	--	--	10.95	0.00	9.75
	06/12/03	<b>17,400</b>	<b>2,730</b>	<b>&lt;500</b>	<b>4,830</b>	200	<b>745</b>	262	--	--	--	--	--	11.92	0.00	8.78
	09/19/03	<b>1,420</b>	<b>&lt;294</b>	<b>&lt;588</b>	<b>64.2</b>	42.7	7.49	135	--	--	--	--	--	12.67	0.00	8.03
	01/14/04	<b>1,580</b>	316	<b>&lt;253</b>	<b>28.9</b>	4.13	13.1	32.5	--	--	--	--	--	11.33	0.00	9.37
	03/30/04	<b>7,310</b>	<b>838</b>	<b>&lt;276</b>	<b>18.3</b>	<b>&lt;10</b>	209	122	--	--	--	--	--	12.39	0.00	8.31
	06/22/04	<b>3,330</b>	<b>1,470</b>	381	<b>149</b>	<b>&lt;10</b>	72.5	43.8	--	--	--	--	--	12.62	0.00	8.08
09/29/04	330	<b>&lt;242</b>	<b>&lt;484</b>	<b>13</b>	1.6	3.7	39	--	--	--	--	--	9.20	0.00	11.50	
12/29/04	<b>1,500</b>	<b>592</b>	<b>&lt;478</b>	<b>71</b>	<b>&lt;5</b>	30.9	31.2	--	--	--	--	--	12.24	0.00	8.46	
03/17/05	<b>&lt;100</b>	<b>&lt;239</b>	<b>&lt;478</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;2</b>	--	--	--	--	--	12.31	0.00	8.39	
06/01/05	205	<b>&lt;237</b>	<b>&lt;473</b>	<b>13.2</b>	<b>&lt;1</b>	5.55	6.16	<b>&lt;1</b>	--	--	--	--	11.76	0.00	8.94	
07/25/05	277	<b>&lt;250</b>	<b>&lt;500</b>	<b>11.2</b>	0.270	7.04	2.83	<b>&lt;1</b>	2.28	--	--	--	12.17	0.00	--	
30.14	11/08/05	217	<b>&lt;250</b>	<b>&lt;500</b>	<b>6.84</b>	0.810	0.660	<b>&lt;3.00</b>	<b>&lt;1</b>	--	--	--	11.69	0.00	18.45	
	02/23/06	<b>&lt;50</b>	400	<b>&lt;505</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;3.00</b>	<b>&lt;1</b>	<b>&lt;1</b>	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 <sup>a</sup>	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-32A contd.	05/08/06	<b>2,740<sup>j</sup></b>	<b>1,030<sup>P</sup></b>	<500	<b>157</b>	1.65	179	85.5	<1	47.4	1.43	--	--	12.54	0.00	17.60	
	08/30/06	197	<243	<485	<b>13.8</b>	<0.5	12.3	<3.00	<1	10.9	<1	--	--	12.71	0.00	17.43	
	12/13/06	<b>1,770</b>	<250	<500	<b>128.0</b>	7.05	129.0	51	<5	<25	<1	--	--	11.65	0.00	18.49	
	03/08/07	596	<248	<495	<b>38.5</b>	<.05	31.3	5.30	<1	18.5	1.26	--	--	11.45	0.00	18.69	
	06/15/07	296	<250	<500 <sup>r</sup>	<b>14.2</b>	<0.5	3.26	<3.00	<1	12.1	<1	--	--	12.05	0.00	18.09	
	09/14/07	358	<245	<490	<b>25.5</b>	<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	<b>&lt;236</b>	<0.5	<0.5	<0.5	<3	<1	<1	<5	4.4	<1	11.09		19.05
	06/02/08	215	284	<472	<0.5	<0.5	<0.5	<3	<1	<5	<b>415</b>	<1	265	11.41	0.00	18.73	
	08/04/08	--	<236	<472	--	--	--	--	--	--	<b>334</b>	<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	<b>11,000</b>	<b>&lt;1,000</b>	--	<b>550</b>	490	240	<b>1,300</b>	--	--	--	--	--	--	--	--	
	12/29/93	<b>7,200</b>	<b>1,100</b>	<b>&lt;750</b>	<b>560</b>	100	250	<b>1,100</b>	--	--	--	--	--	10.82	0.00	9.93	
	04/07/94	<b>3,500</b>	<b>1,000</b>	<b>1,100</b>	<b>220</b>	1.5	80	190	--	--	--	--	--	10.60	0.00	10.15	
	03/08/95	<b>4,900</b>	<b>1,400</b>	<b>2,000</b>	<b>650</b>	<25	320	420	--	--	--	--	--	11.16	0.00	9.59	
	06/06/95	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	09/07/95	<b>9,700</b>	<b>1,400</b>	<b>820</b>	<b>550</b>	140	230	620	--	--	--	--	--	11.20	0.00	9.55	
	12/08/95	<b>13,000</b>	<b>1,900</b>	<b>1,800</b>	<b>800</b>	240	280	760	--	--	--	--	--	NM	NM	--	
	04/01/96	<b>5,200</b>	<b>960</b>	<b>&lt;750</b>	<b>630</b>	33	130	270	--	--	--	--	--	11.00	0.00	9.75	
	06/25/96	<b>2,700</b>	<b>1,030</b>	<b>&lt;750</b>	<b>230</b>	24.6	46.5	61.1	--	--	--	--	--	11.05	0.00	9.70	
	09/27/96	<b>5,150</b>	<b>1,190</b>	<b>&lt;750</b>	<b>1,190</b>	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		

**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-33 contd.	12/19/00	Inaccessible												NM	NM	--	
	06/15/01	LPH Present												12.72	2.50	10.03	
	06/26/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	09/07/01	LPH Present												NM	0.30	--	
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	12/28/01	141,000	25,200	2,680	--	5,360	32,500	3,410	22,700	--	--	--	--	--	11.21	0.00	9.54
	03/08/02	126,000	31,400	3,420	--	2,660	21,600	3,420	24,800	--	--	--	--	--	11.37	0.00	9.38
	06/24/02	205,000	51,700	14,000	--	1,510	14,200	3,770	28,900	--	--	--	--	--	11.36	0.00	9.39
	09/26/02	LPH Present												12.45	0.10	8.38	
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	--	12.34	0.00	8.41
	03/13/03	--	--	--	--	--	--	--	--	--	--	--	--	--	10.59	0.00	10.16
	06/12/03	30,900	4,170	<562	396	526	474	3,890	--	--	--	--	--	--	11.65	Sheen	9.10
	09/19/03	125	<291	<581	0.704	<0.5	<0.5	4.30	--	--	--	--	--	--	6.70	0.00	14.05
	01/14/04	524	<135	<271	17	3.7	7.65	31	--	--	--	--	--	--	12.03	0.00	8.72
	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	<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 <sup>r</sup>	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	



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

Sample I.D. TOC <sup>a</sup>	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)
<b>MW-33 contd.</b>	03/18/08	82.9	<236	<472	<b>&lt;236</b>	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.													--	--
<b>MW-34</b> 21.42	11/04/91	<b>40,000</b>	<b>&lt;1,000</b>	--	<b>23,000</b>	<b>18,000</b>	<b>2,600</b>	<b>14,000</b>	--	--	--	--	--	--	--	--
	10/07/93	<b>4,200</b>	<b>1,600</b>	<b>970</b>	<b>1,400</b>	480	120	440	--	--	--	--	--	--	--	--
	12/29/93	<b>52,000</b>	<b>2,200</b>	<b>&lt;750</b>	<b>15,000</b>	<b>11,000</b>	<b>1,500</b>	<b>7,000</b>	--	--	--	--	--	11.01	0.00	10.41
	04/07/94	<b>9,800</b>	<b>1,400</b>	<b>&lt;750</b>	<b>4,500</b>	930	260	840	--	--	--	--	--	10.88	0.00	10.54
	07/14/94	<b>5,700</b>	<b>1,200</b>	<b>&lt;750</b>	<b>980</b>	420	210	820	--	--	--	--	--	10.78	0.00	10.64
	10/25/94	<b>13,000</b>	<b>4,100</b>	<b>1,900</b>	<b>6,500</b>	170	680	<b>1,000</b>	--	--	--	--	--	11.78	0.00	9.64
	03/08/95	<b>8,200</b>	<b>1,100</b>	480	<b>2,400</b>	<b>1,500</b>	250	<b>1,300</b>	--	--	--	--	--	11.62	0.00	9.80
	06/06/95	<b>9,100</b>	<b>2,300</b>	<b>&lt;750</b>	<b>4,200</b>	<b>1,000</b>	330	<b>1,200</b>	--	--	--	--	--	11.73	0.00	9.69
	09/07/95	<b>18,000</b>	<b>1,800</b>	<b>930</b>	<b>4,800</b>	<b>2,300</b>	560	<b>2,000</b>	--	--	--	--	--	11.57	0.00	9.85
	12/08/95	<b>68,000</b>	<b>2,900</b>	<b>1,600</b>	<b>12,000</b>	<b>9,200</b>	<b>1,200</b>	<b>5,500</b>	--	--	--	--	--	10.92	0.00	10.50
	04/01/96	<b>10,000</b>	<b>1,900</b>	<b>&lt;750</b>	<b>5,500</b>	580	520	<b>1,200</b>	--	--	--	--	--	11.21	0.00	10.21
	06/25/96	<b>13,700</b>	<b>1,160</b>	<b>&lt;750</b>	<b>4,190</b>	<b>1,110</b>	393	<b>1,740</b>	--	--	--	--	--	11.19	0.00	10.23
	09/27/96	<b>16,300</b>	<b>1,030</b>	<b>&lt;750</b>	<b>5,010</b>	<b>2,520</b>	541	<b>1,310</b>	--	--	--	--	--	11.58	0.00	9.84
	03/28/97	--	--	--	--	--	--	--	--	--	--	--	--	11.47	0.00	9.95
	06/30/97 <sup>b</sup>	<b>2,970</b>	311	<b>&lt;750</b>	<b>1,930</b>	15.7	271	531	--	--	--	--	--	11.19	0.00	10.23
	09/08/97 <sup>b</sup>	<b>8,390</b>	455	<b>&lt;750</b>	<b>3,920</b>	645	567	<b>1,270</b>	--	--	--	--	--	11.74	0.00	9.68
	12/19/97	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	06/26/98 <sup>b</sup>	<b>76,900</b>	<b>3,090</b>	<b>&lt;750</b>	<b>13,400</b>	<b>11,100</b>	<b>2,310</b>	<b>9,080</b>	--	--	--	--	--	11.42	0.00	10.00
	09/23/98 <sup>b</sup>	<b>9,040</b>	<b>3,000</b>	<b>799</b>	<b>3,540</b>	243	636	<b>1,650</b>	--	--	--	--	--	12.23	0.00	9.19
	12/17/98 <sup>b</sup>	<b>80,900</b>	<b>5,470</b>	<b>1,380</b>	<b>14,200</b>	<b>10,800</b>	<b>3,110</b>	<b>11,800</b>	--	--	--	--	--	11.35	0.00	10.07
	03/31/99 <sup>b</sup>	<b>33,400</b>	<b>1,910</b>	<b>&lt;750</b>	<b>5,970</b>	<b>1,740</b>	<b>1,400</b>	<b>3,820</b>	--	--	--	--	--	10.85	0.00	10.57
	06/30/99 <sup>b</sup>	<b>28,500</b>	<b>4,840</b>	<b>984</b>	<b>4,340</b>	<b>1,320</b>	<b>1,490</b>	<b>3,610</b>	--	--	--	--	--	10.18	0.00	11.24
12/08/99 <sup>b</sup>	<b>62,400</b>	<b>2,500</b>	<b>&lt;1,360</b>	<b>12,900</b>	<b>7,440</b>	<b>3,240</b>	<b>9,210</b>	--	--	--	--	--	11.33	0.00	10.09	
06/20/00 <sup>b</sup>	<b>25,000</b>	<b>&lt;250</b>	<b>&lt;750</b>	<b>6,360</b>	480	<b>2,190</b>	<b>3,930</b>	--	--	--	--	--	11.68	0.00	9.74	
12/19/00	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
06/15/01 <sup>b</sup>	<b>25,800</b>	<b>4,780</b>	<b>&lt;883</b>	<b>5,300</b>	90	<b>1,930</b>	<b>2,190</b>	--	--	--	--	--	11.85	0.00	9.57	
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 <sup>a</sup>	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-34 contd.	09/07/01 <sup>b</sup>	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 <sup>c</sup>	13,800	6,270	<1,160	5,840	21.8	280	87	--	--	--	--	--	12.80	0.00	8.62
	12/12/02	14,500	11,000	681	5,130	44.7	333	224	--	--	--	--	--	12.98	0.00	8.44
	03/13/03	25,600	6,480	<500	6,030	668	775	1,130	--	--	--	--	--	11.67	0.00	9.75
	06/12/03	13,000	2,880	<500	1,590	735	450	1,360	--	--	--	--	--	12.04	0.00	9.38
	09/19/03	351	<301	<602	9.91	11.7	6.48	34.6	--	--	--	--	--	12.83	0.00	8.59
	01/14/04	160	<122	<245	23.7	<0.5	2.11	<1	--	--	--	--	--	12.00	0.00	9.42
	03/30/04	15,100	1,120	<300	3,060	238	564	846.6	--	--	--	--	--	12.62	0.00	8.80
	06/22/04	6,760	1,900	<238	2,320	14.3	395	279.8	--	--	--	--	--	12.88	0.00	8.54
	30.58	09/29/04	310	306	<505	10	<0.5	3.5	8.2	--	--	--	--	--	11.38	0.00
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, <sup>qr</sup>	<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 <sup>r</sup>	141	1.01	4.02	<3.00	<1	6.79	<1	--	--	12.39	0.00	18.19
09/13/07		727	<238	<476	59.2	0.680	27.1	<3.00	<1	14.6	4.25	--	--	13.24	0.00	17.34
12/19/07		53.4	<236	<472	<1	<1	<1	<3	<1	<1	1.69	--	--	10.50	0.00	20.08
03/17/08		2040	<236	<472	499	235	1.48	10.5	<3	<1	<5	18.60	<1	11.64	0.00	18.94
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	

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

Sample I.D. TOC <sup>a</sup>	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 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 <sup>b</sup>	1,370	333	<750		161	2.36	31.9	10.7	--	--	--		11.28	0.00	8.82	
	03/28/97	1,800	<250	<750		250	2.62	49.1	8.04	--	--	--		11.28	0.00	8.82	
	06/30/97 <sup>b</sup>	1,900	<250	<750		348	<2.5	85	7.31	--	--	--		10.19	0.00	9.91	
	09/08/97 <sup>b</sup>	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 <sup>b</sup>	905	361	<750		410	4.24	<2.5	<5.00	--	--	--		10.64	0.00	9.46	
	06/26/98 <sup>b</sup>	1,300	682	<750		600	<10	45.1	<20.0	--	--	--		10.65	0.00	9.45	
	09/23/98 <sup>b</sup>	665	659	<750		243	<2.5	<2.5	<5.00	--	--	--		11.38	0.00	8.72	
	12/17/98 <sup>b</sup>	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 <sup>b</sup>	504	464	<750	11.3	27.5	5.52	28.4	--	--	--	--	--	--	10.60	0.00	9.50
09/04/01 <sup>b</sup>	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	

**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)
MW-35 contd.	06/24/02	Obstructed by vehicle												NM	NM	--
	09/26/02 <sup>b</sup>	555	1,420	<500	9.49	<2	1.78	<1.50	--	--	--	--	--	11.90	0.00	8.20
19.45	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 <sup>j</sup>	<475 <sup>j</sup>	7.06	<1	2.11	<2	1.21	--	--	--	--	10.11	0.00	9.34
	07/25/05	296	<250	<500	2.09	0.280	0.980	1.15	1.14	0.970	--	--	--	10.42	0.00	--
	11/07/05	243	<245	<490	1.22	0.870	1.17	3.89	<1	--	--	--	--	10.22	0.00	9.23
	28.90	02/23/06	<50	315	<485	<0.5	<0.5	<0.5	<3.00	<1	<1	1.95	--	--	10.21	0.00
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 <sup>r</sup>	<0.5	<0.5	<0.5	<3.00	<1	6.34	<1	--	--	10.44	0.00	18.46
09/14/07		<50	<255	<510	<0.5	<0.5	<0.5	<3.00	<1	<5	4.62	--	--	10.66	0.00	18.24
12/18/07		72.60	<236	<472	2.31	<1	<1	2.40	<1	<1	2.26	--	--	9.53	0.00	19.37
03/18/08		59.60	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<5	11.20	<1	9.93		18.97
MW-36 17.80	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
	11/05/91	1,000	<1,000	--	24	0.9	<0.5	1.0	--	--	--	--	--	--	--	--
17.80	12/30/93	<100	370	940	0.7	<0.5	<0.5	<0.5	--	--	--	--	--	9.42	0.00	8.38
	07/15/94	<100	410	960	0.7	<0.5	<0.5	<0.5	--	--	--	--	--	7.98	0.00	9.82
	10/25/94	<50	670	1,300	1.2	<0.5	<0.5	<1.0	--	--	--	--	--	9.32	0.00	8.48
	03/08/95	<50	560	1,200	2.6	<0.5	<0.5	<1.0	--	--	--	--	--	9.07	0.00	8.73
	06/06/95	<50	<250	<750	1	<0.5	<0.5	<1.0	--	--	--	--	--	7.92	0.00	9.88

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

Sample I.D. TOC <sup>a</sup>	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-36 contd.	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 <sup>b</sup>	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	6.88	0.00	10.92
	09/08/97 <sup>b</sup>	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	9.21	0.00	8.59
	12/19/97 <sup>b</sup>	<50	<250	<750	0.606	<0.5	<0.5	<1.00	--	--	--	--	--	10.09	0.00	7.71
	03/16/98 <sup>b</sup>	56.6	287	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	9.29	0.00	8.51
	06/26/98 <sup>b</sup>	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.47	0.00	9.33
	09/23/98 <sup>b</sup>	<50	<250	<750	0.737	<0.5	<0.5	1.13	--	--	--	--	--	9.89	0.00	7.91
	12/17/98 <sup>b</sup>	<50	288	<750	0.533	<0.5	<0.5	<1.00	--	--	--	--	--	10.00	0.00	7.80
	03/31/99 <sup>b</sup>	<50	321	<750	0.759	<0.5	<0.5	<1.00	--	--	--	--	--	8.96	0.00	8.84
	06/30/99 <sup>b</sup>	<50	<250	<750	1.29	<0.5	<0.5	<1.00	--	--	--	--	--	8.44	0.00	9.36
	12/08/99 <sup>b</sup>	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	10.05	0.00	7.75
	06/20/00 <sup>b</sup>	172	<250	<750	<0.5	0.583	1.78	11.1	--	--	--	--	--	8.47	0.00	9.33
	12/19/00 <sup>b</sup>	106	<250	<750	0.529	1.51	1.08	7.14	--	--	--	--	--	9.50	0.00	8.30
	06/15/01 <sup>b</sup>	<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 <sup>b</sup>	<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	--	

**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-36 contd.  27.21	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	-- <sup>e</sup>	-- <sup>e</sup>	<1	<1	<1	<2	<1	--	--	--	--	7.70	0.00	10.10	
	06/16/05	--	82 <sup>f</sup>	<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	--	
	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 <sup>b</sup>	60,100	7,570	789	1,530	2,180	1650	7,440	--	--	--	--	--	--	11.14	0.25	10.07
	03/28/97	297,000	45,100	<8,250	6,570	13,200	4930	22,900	--	--	--	--	--	--	11.14	0.25	10.07
06/30/97	LPH Present													10.80	0.02	10.23	
09/08/97	LPH Present													11.41	0.23	9.78	
12/19/97	LPH Present													11.28	0.02	9.75	
03/16/98	LPH Present													11.11	0.01	9.91	
06/26/98	LPH Present													11.32	0.01	9.70	
09/23/98	LPH Present													12.01	0.03	9.02	

**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-37 contd.	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 <sup>b</sup>	LPH Present											11.35	0.03	9.68		
	06/26/01	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 <sup>b</sup>	<b>159,000</b>	<b>22,100</b>	<b>14,600</b>	<b>3,420</b>	<b>12,600</b>	<b>4,440</b>	<b>27,000</b>	--	--	--	--	--	--	11.43	0.00	9.58
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01 <sup>b</sup>	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	--		
	30.09	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		<b>1,450</b>	474	<b>&lt;568</b>	<b>22.9</b>	43.2	15.8	85.5	--	--	--	--	--	11.61	0.00	9.40	
09/19/03		141	<298	<b>&lt;595</b>	<0.5	<0.5	<0.5	1.01	--	--	--	--	--	11.95	0.00	9.06	
01/14/04		471	<127	<255	4.56	<0.5	9.01	27.75	--	--	--	--	--	12.12	0.00	8.89	
03/30/04		572	180	<281	<b>5.77</b>	<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	<b>&lt;524</b>	<b>18.2</b>	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	<b>604</b>	<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		<b>1,830</b>	<248	<495	<b>32.4</b>	63.8	19.6	284	<5 <sup>q</sup>	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	<b>&lt;515</b>	2.59	1.61	1.19	12.4	<1	<5	1.30	--	--	12.18	0.00	17.91		
12/12/06	686	<238	<476	<b>5.46</b>	11.2	5.87	60.4	<1	<5	<1	--	--	11.17	0.00	18.92		
03/06/07	64.6	<266	<b>&lt;532</b>	<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		

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

Sample I.D. TOC <sup>a</sup>	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)	
<b>MW-37</b> contd.	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	<b>3,130</b>	<240	<481	<b>54</b>	72.00	27	600.00	<1	--	<b>18.80</b>	--	--	10.90	0.00	19.19	
	03/18/08	750	<236	<472	<b>249</b>	2.16	1.16	3.32	<b>51.40</b>	<1	<5	<b>92.10</b>	<1	11.04		19.05	
	06/01/08	<b>1,370</b>	<238	<476	4.87	2.52	5.77	158	<1	7.31	--	<1	343	11.90	0.00	18.19	
	08/10/08	<b>1,450</b>	<240	<481	<b>51.3</b>	1.7	13.4	115	<1	18.10	3.31	<1	444	12.45	0.00	17.64	
	11/02/08	685	<245	<490	<b>3.63</b>	0.54	4.58	38	<1.00	10.30	1.77	<1.00	<245	11.80	0.00	18.29	
	02/22/09	<b>2,380</b>	<238	<476	<b>35.2</b>	49.0	52.4	391	--	21.00	5.44	<1.00	<b>692</b>	12.40	0.00	17.69	
05/17/09	<b>1,840</b>	<236	<472	<b>12.5</b>	2.37	35.5	199	<1.00	16.30	1.37	<1.00	459	12.35	0.00	17.74		
<b>MW-38</b> 16.52	11/05/91	< <b>1,000</b>	< <b>1,000</b>	--	<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	< <b>750</b>	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	--	9.23	0.00	7.29
	06/30/97	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	09/08/97	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	12/19/97	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	03/16/98	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	06/26/98	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	09/23/98	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	12/17/98	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	03/31/99	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	06/30/99	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	12/08/99	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	06/20/00	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
12/19/00	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--		
06/15/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--		
06/26/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--		
09/07/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--		
10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--		





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

Sample I.D. TOC <sup>a</sup>	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-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 <sup>b</sup>	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 <sup>b</sup>	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 <sup>a</sup>	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-40 contd.	09/07/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	449	<b>4,000</b>	<b>5,090</b>	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	<b>2,810</b>	<b>3,470</b>	1.92	<2	<1	<1.50	--	--	--	--	--	12.69	0.00	8.20
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	509	<b>2,010</b>	<b>2,010</b>	<0.5	<0.5	0.630	1.77	--	--	--	--	--	11.30	0.00	9.59
	06/12/03	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	259	393	<b>1,120</b>	2.64	3.01	1.39	6.77	--	--	--	--	--	12.46	0.00	8.43
	01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/30/04	627	<b>863</b>	<b>3,360</b>	3.69	<1	<1	<2	--	--	--	--	--	11.55	Sheen	9.34
	06/22/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/29/04	390	<b>32,800</b>	<b>219,000</b>	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	12.03	Sheen	8.86
	12/29/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
30.08	03/17/05	402	<b>758</b>	<b>4,130</b>	<1	<1	<1	<2	--	--	--	--	--	11.89	Sheen	9.00
	06/02/05	433	<b>692<sup>fj</sup></b>	<b>3,760</b>	<1	<1	<1	<2	<1	--	--	--	--	11.30	0.00	9.59
	07/26/05	216	<b>596<sup>c</sup></b>	<b>1,600</b>	<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	<b>546</b>	<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	<b>&lt;236</b>	<0.5	<0.5	<0.5	<3	<1	<5	4.10	<1	--	--	--
	06/02/08	272	<240	<481	<0.5	0.68	<0.5	<3	<1	<5	6.39	<1	<240	11.22	0.00	18.86
	08/04/08	149	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	12.5	<1	<236	14.00	0.00	16.08
11/03/08	350	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<0.500	4.97	<1.00	<240	12.50	0.00	17.58	
02/23/09	330	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	7.09	<1.00	<240	11.96	0.00	18.12	
05/17/09	281	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	4.64	<1.00	<238	13.85	0.00	16.23	

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

Sample I.D. TOC <sup>a</sup>	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-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
	03/08/95	<50	<250	<750	1.6	<0.5	<0.5	<1.0	--	--	--	--	--	14.72	--	12.28
	06/06/95	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	15.02	--	11.98
	09/07/95	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	15.00	--	12.00
	12/08/95	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	16.30	--	10.70
	04/01/96	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	15.02	--	11.98
	06/25/96	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	15.07	--	11.93
	09/27/96	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	15.42	0.00	11.58
	03/28/97	--	--	--	--	--	--	--	--	--	--	--	--	15.27	0.00	11.73
	06/30/97	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	36.25	06/02/05	<100	<237	<474	<1	<1	<1	<2	<1	--	--	--	--	15.48	0.00
07/26/05		<50	258 <sup>c</sup>	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	<0.5	<3	<1	<1	<1	15.33	--	20.92
06/03/08		<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<236	15.31	0.00	20.94
08/04/08		<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<236	15.59	0.00	20.66
11/04/08	<50.0	<245	<490	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<245	15.80	0.00	20.45	
02/24/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00	<240	15.60	0.00	20.65	
05/17/09	<50.0	<250	<500	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.05	<1.00	<250	15.78	0.00	20.47	

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

Sample I.D. TOC <sup>a</sup>	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 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
	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	

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

Sample I.D. TOC <sup>a</sup>	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-42 contd.  28.66	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	-- <sup>e</sup>	-- <sup>e</sup>	4.67	<1	<1	<2	<1	--	--	--	--	9.52	0.00	10.82
	06/16/05	--	97 <sup>f</sup>	<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	<b>8.22</b>	<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 <sup>q</sup>	<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 21.04	11/05/91	<b>&lt;1,000</b>	<b>&lt;1,000</b>	--	<b>86</b>	3.4	0.6	2.7	--	--	--	--	--	--	--	--
	12/30/93	340	320	<b>&lt;750</b>	<b>82</b>	0.5	11	100	--	--	--	--	--	--	--	--
	07/14/94	360	<250	<b>&lt;750</b>	<b>31</b>	<0.5	4.6	74	--	--	--	--	--	10.70	0.00	10.34
	10/26/94	160	<b>580</b>	<b>&lt;750</b>	<b>9.1</b>	<0.5	<0.5	<1.0	--	--	--	--	--	11.34	0.00	9.70
	03/08/95	<50	<b>650</b>	<b>2,400</b>	<b>25</b>	<0.5	<0.5	<1.0	--	--	--	--	--	11.35	0.00	9.69
	06/06/95	<50	<b>690</b>	<b>1,500</b>	<b>8.2</b>	<0.5	<0.5	<1.0	--	--	--	--	--	11.45	0.00	9.59
	09/07/95	<50	<250	<b>850</b>	<b>10</b>	<0.5	<0.5	<1.0	--	--	--	--	--	11.14	0.00	9.90
	12/08/95	<50	<b>960</b>	<b>3,100</b>	<b>37</b>	<0.5	<0.5	<1.0	--	--	--	--	--	10.85	0.00	10.19
	04/01/96	<50	300	<b>&lt;750</b>	4.5	<0.5	<0.5	<1.0	--	--	--	--	--	10.98	0.00	10.06
	06/25/96	<50	370	<b>&lt;750</b>	2.57	<0.5	<0.5	<1.00	--	--	--	--	--	11.06	0.00	9.98
	09/27/96	<50	339	<b>&lt;750</b>	4.4	<0.5	<0.5	<1.00	--	--	--	--	--	11.33	0.00	9.71
	03/28/97	<50	<250	<b>&lt;750</b>	<b>5.89</b>	0.884	<0.5	2.47	--	--	--	--	--	11.13	0.00	9.91
	06/30/97 <sup>b</sup>	<50	<250	<b>&lt;750</b>	<b>59.2</b>	<0.5	<0.5	<1.00	--	--	--	--	--	7.08	0.00	13.96
	09/08/97 <sup>b</sup>	83	<250	<b>&lt;750</b>	<b>35.5</b>	<0.5	2.10	3.08	--	--	--	--	--	11.46	0.00	9.58
	12/19/97	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/16/98 <sup>b</sup>	76.3	408	<b>&lt;750</b>	<b>26.5</b>	<0.5	<0.5	<1.00	--	--	--	--	--	11.09	0.00	9.95
	06/26/98 <sup>b</sup>	<50	346	<b>&lt;750</b>	<b>69.6</b>	<0.5	<0.5	<1.00	--	--	--	--	--	11.26	0.00	9.78
	09/23/98 <sup>b</sup>	<50	267	<b>&lt;750</b>	<b>9.05</b>	<0.5	<0.5	<1.00	--	--	--	--	--	11.75	0.00	9.29
	12/17/98 <sup>b</sup>	<50	<250	<b>&lt;750</b>	<b>33.0</b>	<0.5	<0.5	<1.00	--	--	--	--	--	11.07	0.00	9.97
03/31/99 <sup>b</sup>	<50	267	<b>&lt;750</b>	<b>9.84</b>	<0.5	0.782	2.47	--	--	--	--	--	10.97	0.00	10.07	
06/30/99 <sup>b</sup>	146	253	<b>&lt;750</b>	<b>28.2</b>	7.47	2.95	17.5	--	--	--	--	--	9.97	0.00	11.07	
12/08/99 <sup>b</sup>	<50	<250	<b>&lt;750</b>	<b>20.5</b>	<0.5	<0.5	<1.00	--	--	--	--	--	11.06	0.00	9.98	

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

Sample I.D. TOC <sup>a</sup>	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-43 contd.	06/20/00 <sup>b</sup>	<50	<250	<750	3.79	<0.5	<0.5	<1.00	--	--	--	--	--	11.40	0.00	9.64	
	12/19/00 <sup>b</sup>	55.9	253	<749	2.97	0.948	0.730	4.78	--	--	--	--	--	11.40	0.00	9.64	
	06/15/01 <sup>b</sup>	<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 <sup>b</sup>	<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 <sup>c</sup>	<100	303	<500	0.669	<2	<1	<1.50	--	--	--	--	--	12.28	0.00	8.76	
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	03/13/03	<50	<321	<641	0.883	<0.5	<0.5	<1.00	--	--	--	--	--	11.20	0.00	9.84	
	06/12/03	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	09/19/03	<50	<291	<581	1.76	<0.5	<0.5	<1.00	--	--	--	--	--	12.37	0.00	8.67	
	01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	03/30/04	<100	<129	<258	<1	<1	<1	<2	--	--	--	--	--	11.95	0.00	9.09	
	06/22/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	09/29/04	180	<249	<499	3.6	<0.5	<0.5	<1.0	--	--	--	--	--	12.00	0.00	9.04	
	12/29/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	03/17/05	<100	<250	<501	2.2	<1	<1	<2	--	--	--	--	--	11.69	0.00	9.35	
06/02/05	<100	-- <sup>e</sup>	-- <sup>e</sup>	15	<1	<1	<2	<1	--	--	--	--	11.18	0.00	9.86		
06/16/05	--	<50	<250	--	--	--	--	--	--	--	--	--	11.16	0.00	9.88		
07/26/05	<50	<250	<500	4.24	<0.2	<0.2	<0.500	<1	<0.5	--	--	--	11.70	0.00	--		
30.21	11/01/05	<50	<236	<472	<0.2	<0.5	<0.5	<1.00	<2	--	--	--	--	11.45	0.00	18.76	
	02/21/06	<50	<281	<562	1.16	<0.5	<0.5	<3.00	<1	<1	<1	--	--	10.99	0.00	19.22	
	05/09/06	<50	<236	<472	1.13	<0.5	<0.5	<3.00	<1	<1	<1	--	--	11.40	0.00	18.81	
	08/31/06	<100	<236	<472	<0.5	<0.5	<0.5	<3.00	<1	<5	<1	--	--	11.90	0.00	18.31	
	12/13/06	<50	<240	<481	10.3	<0.5	<0.5	<3.00	<1	<5	<1	--	--	10.87	0.00	19.34	
	03/06/07	Decommissioned													--	--	--

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

Sample I.D. TOC <sup>a</sup>	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 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 <sup>b</sup>	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	7.84	0.00	10.89
	09/08/97 <sup>b</sup>	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.65	0.00	10.08
	12/19/97 <sup>b</sup>	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.51	0.00	10.22
	03/16/98 <sup>b</sup>	60.0	310	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.43	0.00	10.30
	06/26/98 <sup>b</sup>	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.37	0.00	10.36
	09/23/98 <sup>b</sup>	<50	343	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	9.30	0.00	9.43
	12/17/98 <sup>b</sup>	<50	271	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.10	0.00	10.63
	03/31/99 <sup>b</sup>	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.18	0.00	10.55
	06/30/99 <sup>b</sup>	<50	393	<750	<0.5	0.619	<0.5	1.21	--	--	--	--	--	8.03	0.00	10.70
	12/08/99 <sup>b</sup>	<50	281	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	8.52	0.00	10.21
	06/20/00 <sup>b</sup>	<50	<250	<750	<0.5	<0.5	<0.5	<1.00	--	--	--	--	--	9.53	0.00	9.20
	12/19/00 <sup>b</sup>	301	330	<750	<0.5	1.64	2.76	22.1	--	--	--	--	--	9.20	0.00	9.53
	06/15/01 <sup>b</sup>	<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 <sup>b</sup>	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 <sup>c</sup>	<100	1,600	569	14.2	<2	<1	<1.50	--	--	--	--	--	10.79	0.00	7.94	





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

Sample I.D. TOC <sup>a</sup>	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-45 contd.	03/13/03	<b>3,590</b>	<b>2,050</b>	<500		219	133	99.4	<b>368</b>	--	--	--	--	8.05	0.00	10.06	
	06/12/03	<b>10,700</b>	<b>1,470</b>	<b>&lt;575</b>		<b>1,350</b>	10.8	<b>954</b>	<b>631</b>	--	--	--	--	9.16	0.00	8.95	
27.52	09/19/03	583	<298	<b>&lt;595</b>		1.93	2.25	5.65	<b>38.6</b>	--	--	--	--	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	<b>&lt;503</b>		<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 <sup>fj</sup>	<491 <sup>i</sup>		17.1	37.9	13.9	<b>83.8</b>	<1	--	--	--	8.62	0.00	9.49	
	07/25/05	564	<250	<500		18.6	14.6	16.7	<b>113.2</b>	<1	7.51	--	--	8.98	0.00	--	
	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	<b>&lt;549</b>		5.13	<0.5	7.65	<b>36.5</b>	<1	3.77	1.30	--	8.83	0.00	18.69	
	05/08/06	198	<b>540</b>	<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	<b>25,900</b>	<b>662</b>	<485		64.1	23.8	330	<b>5,020</b>	<5	<b>278</b>	10.8	--	9.13	0.00	18.39	
	03/06/07	<b>1,680</b>	<260	<b>&lt;521</b>		<0.5	<0.5	22.0	<b>139</b>	<1	54	<1	--	8.75	0.00	18.77	
	06/15/07	<b>12,500</b>	439	<481 <sup>r</sup>		16.8	2.77	178	<b>1,590</b>	<1	<b>330</b>	1.77	--	8.85	0.00	18.67	
	09/13/07	<b>23,400</b>	328	<481		65.3	16.9	303	<b>3,740</b>	<1	<b>246</b>	6.85	--	9.07	0.00	18.45	
	12/17/07	Unable to sample, well under water													--	--	--
	03/18/08	<50	<236	<472	<b>&lt;236</b>	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<1	8.30	0.00	19.22
	06/03/08	Unable to sample, well under water													--	--	--
08/05/08	64.4	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	1.39	<1	<236	8.90	0.00	18.62		
11/03/08	Well under water, unable to sample.													--	--	--	
02/22/09	53.2	<236	<472	<0.500	<0.500	<0.500	<3.00	--	15.0	<1.00	<1.00	<236	11.44	0.00	8.38		
05/17/09	176.0	428	<476	<0.500	<0.500	<0.500	<3.00	<1.00	97.9	<1.00	<1.00	431	16.67	0.00	10.85		

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

Sample I.D. TOC <sup>a</sup>	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-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 <sup>b</sup>	<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 <sup>b</sup>	<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 <sup>b</sup>	<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 <sup>a</sup>	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)
<b>MW-46</b> 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	--
<b>MW-47</b> 19.83	11/05/91	<b>&lt;1,000</b>	<b>&lt;1,000</b>	--	<b>5.2</b>	0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
	12/30/93	<100	310	<b>&lt;750</b>	2.0	<0.5	<0.5	1.0	--	--	--	--	--	9.50	0.00	10.33
	04/07/94	<100	300	<b>&lt;750</b>	2.5	<0.5	<0.5	<0.5	--	--	--	--	--	10.47	0.00	9.36
	07/14/94	<100	290	<b>&lt;750</b>	1.6	<0.5	<0.5	<0.5	--	--	--	--	--	10.51	0.00	9.32
	10/25/94	51	270	<b>&lt;750</b>	1.8	<0.5	<0.5	<1.0	--	--	--	--	--	11.02	0.00	8.81
	03/08/95	<50	330	<b>1,600</b>	<b>5.3</b>	<0.5	<0.5	<1.0	--	--	--	--	--	10.88	0.00	8.95
	06/06/95	70	380	<b>780</b>	<b>15</b>	0.59	<0.5	2.3	--	--	--	--	--	10.91	0.00	8.92
	09/07/95	<50	260	<b>&lt;750</b>	1.7	<0.5	<0.5	<1.0	--	--	--	--	--	10.76	0.00	9.07
	12/08/95	740	<b>580</b>	<b>2,000</b>	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	10.40	0.00	9.43
	04/01/96	<50	<250	<b>&lt;750</b>	4.4	<0.5	<0.5	<1.0	--	--	--	--	--	10.67	0.00	9.16
	06/25/96	110	400	<b>&lt;750</b>	<b>14.4</b>	<0.5	<0.5	<1.0	--	--	--	--	--	10.71	0.00	9.12
	09/27/96	<50	<250	<b>&lt;750</b>	4.34	<0.5	<0.5	<1.0	--	--	--	--	--	10.85	0.00	8.98
	03/28/97 <sup>b</sup>	64.5	<250	<b>&lt;750</b>	<b>7.61</b>	<0.5	<0.5	1.57	--	--	--	--	--	10.92	0.00	8.91
	03/28/97	177	<250	<b>&lt;750</b>	<b>52.6</b>	<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 <sup>b</sup>	<50	356	<b>&lt;750</b>	<b>27.3</b>	<0.5	<0.5	<1	--	--	--	--	--	10.78	0.00	9.05
	09/23/98	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
12/17/98 <sup>b</sup>	<50	<250	<b>&lt;750</b>	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 <sup>b</sup>	<50	<250	<b>&lt;750</b>	<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 <sup>a</sup>	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 <sup>b</sup>	<b>1,310</b>	357	<b>&lt;750</b>	<0.5	6.10	10.6	77.3	--	--	--	--	--	11.20	0.00	8.63
	06/15/01	<50	<b>591</b>	<b>&lt;952</b>	0.709	0.504	<0.5	1.18	--	--	--	--	--	10.98	0.00	8.85
	06/26/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 <sup>b</sup>	<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	<b>542</b>	<500	<b>7.64</b>	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 <sup>c</sup>	106	<b>747</b>	<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	<b>&lt;568</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	10.91	0.00	8.92
	06/12/03	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/19/03	76.8	<294	<b>&lt;588</b>	3.41	<0.5	<0.5	1.14	--	--	--	--	--	12.05	0.00	7.78
	01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	29.34	03/30/04	272	262	<b>980</b>	<1	<1	<1	<2	--	--	--	--	--	11.81	0.00
06/22/04		--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
09/29/04		200	329	<b>735</b>	<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	<b>616<sup>f</sup></b>	<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	--	--	11.24	0.00	18.10
05/09/06		97.8	<236	<472	<0.5	<0.5	<0.5	<3	<1	<1	<1	--	--	11.41	0.00	17.93
06/13/06	Decommissioned													--	--	--

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

Sample I.D. TOC <sup>a</sup>	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-48 27.98	06/01/05	357	294 <sup>q</sup>	<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	<b>6,460</b>	<258	<b>&lt;515</b>	<b>139</b>	26.8	219	<b>1140</b>	<20.0 <sup>q</sup>	41	<1	--	--	9.41	0.00	18.57	
	05/09/06	325	<236	<472	<0.5	<0.5	<0.5	<3	<1	<1	<1	--	--	9.12	0.00	18.86	
	08/30/06	176	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	10.40	0.00	17.58	
	12/13/06	275	<240	<481	<0.5	<0.5	0.870	4.44	<1	<5	<1	--	--	--	--	--	
	03/06/07	Decommissioned													--	--	--
MW-49 22.36	07/25/05	313	<b>2,060</b>	<b>6,590</b>	<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	<b>&lt;556</b>	<0.5	<0.5	3.45	9.35	<1	1.52	1.69	--	--	--	--	--	
	05/11/06	201	<b>2,550<sup>p</sup></b>	<b>625<sup>p</sup></b>	<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	<b>679</b>	<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	<b>&lt;236</b>	<0.5	<0.5	<0.5	<0.5	<3	<1	<5	12.9	<1	3.12	0.00	19.24
	06/03/08	51.8	<236	<472	1.38	<0.5	<0.5	<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	<b>28.1</b>	<1	<236	4.09	0.00	18.27	
11/04/08	Well under water, unable to sample.													3.13	0.00	19.23	
11/18/08	Decommissioned													--	--	--	
MW-50 19.80	10/10/01	<b>8,970</b>	<b>2,200</b>	<b>&lt;606</b>		674	221	382	<b>779</b>	--	--	--		11.11	0.00	8.69	
	12/28/01	<b>23,200</b>	<b>3,460</b>	<500		<b>1,630</b>	<b>3,690</b>	991	<b>4,480</b>	--	--	--		10.45	0.00	9.35	
	03/08/02	Obstructed by vehicle													NM	NM	--
	06/24/02	<b>8,290</b>	<b>1,970</b>	<b>556</b>		414	23	314	<b>2,010</b>	--	--	--		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	<b>12,200</b>	<b>1,810</b>	<b>&lt;588</b>		733	127	523	<b>1,100</b>	--	--	--		9.93	0.00	9.87	
	06/12/03	<b>6,450</b>	<b>1,740</b>	<500		448	13.7	299	<b>286</b>	--	--	--		11.27	0.00	8.53	
09/19/03	<b>4,440</b>	<250	<500		51.7	315	26.1	<b>462</b>	--	--	--		12.05	0.00	7.75		

**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)
<b>MW-50</b> contd.	01/14/04	<b>29,700</b>	<b>1,970</b>	<258		308	502	312	<b>6,180</b>	--	--	--		11.81	0.00	7.99
	03/30/04	<b>3,330</b>	<b>867</b>	<241		21.8	<5	21.9	<b>226.4</b>	--	--	--		11.65	0.00	8.15
29.32	06/22/04	<b>2,130</b>	<b>874</b>	<237		14.2	2.4	27.9	<b>85.11</b>	--	--	--		11.79	0.00	8.01
	09/29/04	<b>3,600</b>	<b>1,330</b>	<b>&lt;502</b>		92	62	100	<b>520</b>	--	--	--		11.71	0.00	8.09
	12/29/04	<b>1,570</b>	<b>745</b>	<b>&lt;611</b>		9.69	3.88	9.98	<b>27.62</b>	--	--	--		11.01	0.00	8.79
	03/17/05	<b>1,420</b>	<b>1,060</b>	<b>506</b>		5.82	2.41	10.6	<b>30.59</b>	--	--	--		11.26	0.00	8.54
	06/01/05	<b>1,710</b>	<b>528<sup>g</sup></b>	<b>&lt;503</b>		20.3	10.7	42.3	<b>84.7</b>	8.01	--	--		10.58	0.00	9.22
	07/25/05	<b>1,500</b>	<250	<500		16.8	3.23	36.9	<b>50.11</b>	4.29	7.04	--		10.90	0.00	--
	11/01/05	634	380 <sup>g</sup>	<472		15.9	2.49	0.52	2.19	5.62	--	--		10.60	0.00	18.72
	02/21/06	<b>1,430</b>	<272	<b>&lt;543</b>		139	15.4	16.7	<b>28.20</b>	<5	7.05	1.33		10.56	0.00	18.76
	05/08/06	<b>1,550<sup>j</sup></b>	<b>1,870</b>	<485		28.4	2.13	24.7	<b>35.06</b>	3.88	9.48	<1		10.81	0.00	18.51
	08/29/06	264	<248	<495		8.55	0.780	6.87	7.26	4.23	<5	<1		11.58	0.00	17.74
	12/12/06	<b>1,650</b>	<243	<485		80.9	2.75	18.9	<b>41.9</b>	3.93	<b>17.4</b>	1.62		10.61	0.00	18.71
	03/08/07	<b>1,650</b>	<240	<481		51.3	1.06	14.1	<b>33.6</b>	2.92	<b>35.9</b>	<1		10.53	0.00	18.79
	06/15/07	<b>1390<sup>j</sup></b>	333	<495 <sup>r</sup>		28.0	1.00	6.46	5.20	1.85	<b>40.5</b>	<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	<b>886</b>	<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	<b>&lt;236</b>	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	<b>1,260</b>	<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	<b>1,250</b>	<236	<472	<0.500	<0.500	3.69	4.84	<1.00	<5.00	<1.00	<1.00	478	10.79	0.00	18.53	
11/18/08	Decommissioned													--	--	--
<b>MW-51</b> 20.58	10/10/01	671	<b>11,700</b>	<b>2,150</b>	<b>10.1</b>	10.4	7.75	16.6	--	--	--	--	--	11.68	0.00	8.90
	12/28/01	631	<b>2,170</b>	<b>3,100</b>	<b>37.0</b>	75.6	30.4	81.2	--	--	--	--	--	11.20	0.00	9.38
	03/08/02	102	<b>2,350</b>	<b>1,610</b>	<b>6.22</b>	5.89	3.84	10.4	--	--	--	--	--	11.38	0.00	9.20
	06/24/02	57.7	<b>2,650</b>	<b>1,730</b>	1.28	1.42	0.699	2.51	--	--	--	--	--	11.60	0.00	8.98
	09/26/02 <sup>c</sup>	<100	<b>1,660</b>	<b>875</b>	0.848	<2	<1	<1.5	--	--	--	--	--	12.18	0.00	8.40
	12/12/02	<50	<b>2,050</b>	<b>781</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	12.28	0.00	8.30
	03/13/03	<50	<b>693</b>	<b>&lt;625</b>	<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	

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

Sample I.D. TOC <sup>a</sup>	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-51 contd.	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	
29.75	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 <sup>f</sup>	<520	<1	<1	<1	<2	<1	--	--	--	--	11.62	0.00	8.96	
	07/25/05	<50	697 <sup>c</sup>	826	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--	--	11.74	0.00	--	
	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 <sup>l,f</sup>	536 <sup>l,f</sup>	--	--	--	--	--	--	--	--	--	--	--	--	--
	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 <sup>r</sup>	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	--	11.77	0.00	17.98
	09/13/07	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	--	11.95	0.00	17.80
	12/19/07	<50	<236	<472	<1	<1	<1.00	<3	<1	<1	20.60	--	--	--	11.17	0.00	18.58
	03/18/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<1	<1	11.71		18.04
	06/03/08	Well covered by construction vehicles and semi-trucks, unable to sample												--	--	--	
08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	1.40	<236		11.98	0.00	17.77	
11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00		<5.00	<1.00	<1.00	<236		11.83	0.00	17.92	
02/22/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00	<236		15.32	0.00	14.43	
05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.36	<1.00	<240		12.97	0.00	16.78	



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

Sample I.D. TOC <sup>a</sup>	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-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 <sup>c</sup>	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 <sup>r</sup>	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 <sup>j</sup>	<498 <sup>j</sup>	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 <sup>s</sup>	290 <sup>p</sup>	<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	<1	--	--	10.23	0.00	18.83	
09/13/07	57.7	<250	<500	<0.5	<0.5	<0.5	<3	<1	<5	<1	<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	10	0.00	19.06	
11/18/08	Decommissioned													--	--	--	

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

Sample I.D. TOC <sup>a</sup>	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-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
30.38	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 <sup>g</sup>	493 <sup>f</sup>	205	5.98	120	236.9	1.88	--	--	--	--	11.22	0.00	9.53
	07/25/05	450	310 <sup>b</sup>	<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 <sup>q</sup>	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 <sup>r</sup>	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	
11/18/08	Decommissioned													--	--	--

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

Sample I.D. TOC <sup>a</sup>	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 28.00	06/16/05	206	130 <sup>f</sup>	410	4.82	<1	2.09	10.27	<1	--	--	--	--	9.09	0.00	18.91	
	07/25/05	177	<250	<500	<b>5.26</b>	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	<b>695</b>	<472	<0.5	<0.5	<0.5	<0.5	<1	<1	1.04	--	--	9.44	0.00	18.56	
	05/08/06	<50	328 <sup>p</sup>	<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	<b>&lt;526</b>	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.40	0.00	18.60	
	06/15/07	<50	<243	<485 <sup>r</sup>	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.25	0.00	18.75	
	09/13/07	<50	<245	<490	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.59	0.00	18.41	
	12/18/07	<50	<236	<472	<1	<1	<1	<3	<1	<1	1.13	--	--	8.53	0.00	19.47	
	03/18/08	<50	<236	<472	<b>&lt;236</b>	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	9.06		18.94	
	06/03/08	Unable to sample, well under water													--	--	--
	08/05/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	2.37	<1	<236	9.68	0.00	18.32	
	11/03/08	<50	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	8.64	<1.00	<236	8.72	0.00	19.28	
02/22/09	Well inaccessible: buried under garbage containers.													--	--	--	
05/17/09	Well inaccessible: buried under garbage containers.													--	--	--	
MW-55 29.22	06/16/05	<b>2,240</b>	<b>3,100<sup>f,i</sup></b>	<b>&lt;2,500<sup>i</sup></b>	<2	<2	<2	<4	<2	--	--	--	--	10.53	0.00	18.69	
	07/25/05	<b>1,850</b>	<b>1,390<sup>a</sup></b>	<500	0.480	1.69	2.57	1.99	<1	<b>908</b>	--	--	--	10.92	0.00	18.30	
	11/01/05	<b>814</b>	<b>699<sup>n</sup></b>	<b>&lt;526</b>	0.360	2.12	<0.500	<1	<2	--	--	--	--	11.11	0.00	18.11	
	02/21/06	278	353	<b>&lt;562</b>	<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 <sup>r</sup>	<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	<b>&lt;238</b>	<0.5	<0.5	<0.5	<3	<1	<5	1.00	<1	11.03	0.00	18.19	
	06/03/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	6.88	1.30	<1	<236	11.23	0.00	17.99	
	08/05/08	Vehicle parked over well													11.76	0.00	17.46
11/02/08	51.8	<245	<490	<0.5	<0.5	<0.5	<3.00	<1.00	10.1	1.16	<1.00	<245	11.75	0.00	17.47		
11/18/08	Decommissioned													--	--	--	

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

Sample I.D. TOC <sup>a</sup>	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-56 29.70	06/16/05	135	210 <sup>f</sup>	380 <sup>f</sup>	<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	<b>7.28</b>	<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	<b>36.7</b>	<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 <sup>f</sup>	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	<b>&lt;236</b>	1.01	0.62	1.83	<3	<1	<5	5.97	<1	10.68	0.00	19.02
	06/03/08	73.80	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<236	11.12	0.00	18.58
08/05/08	98.4	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	1.46	<1	<236	11.60	0.00	18.10	
11/03/08	312	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<236	11.11	0.00	18.59	
11/18/08	Decommissioned													--	--	--
MW-57 29.31	06/16/05	<b>16,900</b>	<b>1,800<sup>f</sup></b>	<b>&lt;1,200</b>	<b>525</b>	<b>2,310</b>	327	<b>2,188</b>	<20	--	--	--	--	10.54	0.00	18.77
	07/25/05	<b>11,400</b>	418 <sup>b</sup>	<b>571</b>	<b>614</b>	<b>2,680</b>	436	<b>2,647</b>	<1	98.0	--	--	--	10.83	0.00	18.48
	11/08/05	<b>3,980</b>	<245	<490	<b>328</b>	497	100	525	<10	--	--	--	--	10.62	0.00	18.69
	02/23/06	<b>10,800</b>	<b>877</b>	<495	<b>909</b>	<b>1,570</b>	381	<b>2,230</b>	<20	92.0	4.38	--	--	10.59	0.00	18.72
	05/08/06	<b>12,200</b>	426	<485	<b>538</b>	960	281	<b>1,671</b>	<1	94.0	2.09	--	--	10.70	0.00	18.61
	08/30/06	<b>2,620</b>	<248	<495	<b>249</b>	37.9	77.4	350	<1	28.9	1.24	--	--	11.55	0.00	17.76
	12/13/06	<b>39,400</b>	422	<495	<b>1,200</b>	<b>5,020</b>	<b>1,150</b>	<b>6,590</b>	<5	<b>266</b>	5.18	--	--	10.55	0.00	18.76
	03/08/07	<b>21,600</b>	267	<472	<b>1,130</b>	<b>2,330</b>	<b>876</b>	<b>4,610</b>	<b>&lt;40</b>	<b>291</b>	9.81	--	--	10.44	0.00	18.87
	06/15/07	<b>19,800</b>	<245	<490 <sup>f</sup>	<b>699</b>	<b>1,010</b>	660	<b>3,350</b>	<20	<b>256</b>	1.77	--	--	10.65	0.00	18.66
	09/14/07	<b>34,900</b>	349	<495	<b>1,470</b>	<b>2,400</b>	<b>1,270</b>	<b>6,520</b>	<1	<b>&lt;500</b>	<b>27.60</b>	--	--	10.82	0.00	18.49
	12/18/07	221	<236	<472	<1	<1	<1	<3	<1	1.60	<b>200</b>	--	--	9.60	0.00	19.71
	03/18/08	<b>23,100</b>	340	<476	<b>4,660</b>	942	<b>1,610</b>	878	<b>4,190</b>	<1	<b>&lt;200</b>	<b>199</b>	1.92	10.18	0.00	19.13
	06/03/08	173	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<b>49.8</b>	<1	<236	10.56	0.00	18.75
08/04/08	<b>7,580</b>	<236	<472	<b>433</b>	154	399	<b>1,860</b>	<1	87.2	<b>322</b>	<1	<b>1,510</b>	11.17	0.00	18.14	
11/05/08	76.2	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	12.8	<1.00	367	10.49	0.00	18.82	
11/18/08	Decommissioned													--	--	--

**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-58 30.69	06/16/05	3,970	420 <sup>f</sup>	<250	628	499	143	541	<5	--	--	--	--	11.71	0.00	18.98
	07/25/05	7,750	673 <sup>b</sup>	<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 <sup>q,r</sup>	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 <sup>r</sup>	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 <sup>x</sup>	2.45	167 <sup>x</sup>	215	<1	10.60	19.30	<1	472	11.78	0.00	18.91
08/04/08	2,680	<236	<472	533	1.94	154	231	<1	19.20	6.82	<1	539	12.44	0.00	18.25	
11/04/08	1,310	<236	<472	130	1.46	80.9	99.7	<1.00	8.62	3.47	<1.00	355	12.12	0.00	18.57	
11/18/08	Decommissioned													--	--	--
MW-59 30.73	06/16/05	10,100	1,700 <sup>f</sup>	<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 <sup>q,r</sup>	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 <sup>r</sup>	8.24	<0.5	0.740	<3	<1	<5	<1	--	--	12.12	0.00	18.61
	09/13/07	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	1.13	--	--	12.29	0.00	18.44
	12/18/07	80.20	<236	<472	<1	<1	<1	<3	<1	<1	16.60	--	--	10.95	0.00	19.78
	03/17/08	126	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<5	142.00	<1	11.68	0.00	19.05
	06/02/08	184	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	32.10	<1	<240	12.09	0.00	18.64
08/04/08	213	<236	<472	5.64	<0.5	0.51	<3	<1	<5	132	<1	270	12.60	0.00	18.13	
11/05/08	280	<238	<476	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.29	<1.00	<238	11.90	0.00	18.83	
11/18/08	Decommissioned													--	--	--

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

Sample I.D. TOC <sup>a</sup>	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-60 30.31	06/16/05	64,300	4,300 <sup>f,i</sup>	<5,000 <sup>i</sup>	4,100	6,820	2,260	10,610	<40	--	--	--	--	11.54	Sheen	18.77
	07/25/05	48,800	2,820 <sup>b</sup>	791	3,670	4,730	1,570	7,720	<1	299	--	--	--	11.87	0.00	18.44
	11/07/05	78,100	311 <sup>f</sup>	<472	5,260	6,550	2,950	16,200	<200	--	--	--	--	11.53	0.00	18.78
	11/07/05	--	490 <sup>l,f</sup>	<962 <sup>i</sup>	--	--	--	--	--	--	--	--	--	--	--	--
	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 <sup>p</sup>	<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 <sup>r</sup>	2,870	119	1,200	6,970	<40	880	1.11	--	--	7.01 <sup>v</sup>	0.00	23.30 <sup>v</sup>
	09/14/07	52,200	346	<500	3,260	42.2	1,680	10,100	<1	632	1.41	--	--	11.88	0.00	18.43
	12/18/07	29,300	361	<476	2,000	14.0	1,300	3,660	<1	320	20.30	--	--	10.59	0.00	19.72
	03/18/08	24,700	464	<472	5,480	2,490	30.9	1,460	3,710	<1	210	1.67	<1	11.36	0.00	18.95
	06/03/08	24,900	432	<472	2,890	13.8	1,400	2,510	<1	<200	19.30	<1	7,830	11.51	0.00	18.80
08/04/08	29,400	680	<472	3,330	59.2	2,180	3,830	<40.0	377	1.65	<1	5,030	12.22	0.00	18.09	
11/05/08	23,300	740	<476	2,220	24.6	1,760	2,440	<1.00	267	2.14	<1.00	<476	11.54	0.00	18.77	
11/18/08	Decommissioned													--	--	--
MW-61 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													--	--

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

Sample I.D. TOC <sup>a</sup>	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-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													--	--
MW-64 28.73	11/01/05	<50	<250	<500	<b>41.9</b>	<0.5	<0.5	<1	<2	--	--	--	--	9.82	0.00	18.91
	02/21/06	84.9	<272	<543	<b>32.4</b>	<0.5	<0.5	<3	<1	<1	<1	--	--	9.48	0.00	19.25
	05/09/06	133 <sup>i</sup>	<248	<495	<b>55.8</b>	<0.5	<0.5	<3	<1	<1	<1	--	--	9.60	0.00	19.13
	08/31/06	<100	<243	<485	<b>6.00</b>	<0.5	<0.5	<3	<1	<5	<1	--	--	11.10	0.00	17.63
	12/13/06	<50	<240	<481	<b>14.7</b>	<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	<b>857</b>	<236	<472	0.740	0.740	12.9	7.80	<1	--	--	--	--	9.23	0.00	18.44
	02/23/06	<b>1,000</b>	<b>638</b>	<495	<0.5	1.83	15.3	8.34	<1	4.32	<1	--	--	9.13	0.00	18.54
	05/09/06	<b>1,220<sup>j</sup></b>	<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 <sup>r</sup>	<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													--	--

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

Sample I.D. TOC <sup>a</sup>	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-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													--	--
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 <sup>g</sup>	<472	240	59.3	925	1,750	<20	--	--	--	--	11.61	0.00	18.81
	02/23/06	21,800	1,770 <sup>g</sup>	<485	190	28.0	848	1,710	<20	341	3.25	--	--	11.23	0.00	19.19
	05/10/06	25,100	733 <sup>p</sup>	<495	195	<20	803	1,338	<40	410	2.54	--	--	11.71	0.00	18.71
	08/29/06	15,400	664 <sup>p</sup>	<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 <sup>g</sup>	<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 <sup>w</sup>	0.00	18.82
	12/17/07	16,500	823	<472	200	17.00	600	694	<1	--	4.76	--	--	10.81	0.00	19.61
	03/17/08	15,900	1070	<472	5710	124	2.70	454	259	<1	190	2.47	<1	8.74	0.00	21.68
	06/02/08	9,480	566	<472	94	24.5	291	328	<1	156	2.03	<1	4,280	11.82	0.00	18.60
	08/04/08	4,140	550	<472	31.7	1.06	103	62.3	<1	89.4	2.97	<1	1,860	12.45	0.00	17.97
	11/03/08	5,820	524	<485	49.2	1.03	69	10.4	<1.00	68.7	1.56	<1.00	2,450	11.90	0.00	18.52
	02/23/09	11,600	828	<481	136	2.3	358	213	--	193	2.25	<1.00	4,340	11.70	0.00	18.72
05/17/09	13,400	1,380	<481	104	2.38	260	201	<1.00	151	2.21	<1.00	5,820	12.46	0.00	17.96	



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

Sample I.D. TOC <sup>a</sup>	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-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	<b>1,900</b>	408 <sup>g</sup>	<500	<b>11.0</b>	1.22	98.2	25.3	<2	37.3	1.61	--	--	10.84	0.00	19.48
	05/10/06	<b>1,540<sup>j</sup></b>	<250	<500	<b>8.20</b>	1.12	70.4	<6	<2	48.9	<1	--	--	11.60	0.00	18.72
	08/29/06	<b>810</b>	<253	<b>&lt;505</b>	<b>6.28</b>	<0.5	10.2	<3	<1	48.4	<1	--	--	12.08	0.00	18.24
	12/12/06	<b>970</b>	<250	<500	3.29	<0.5	1.95	<3	<1	12.5	<1	--	--	11.11	0.00	19.21
	03/07/07	560	<260	<b>&lt;521</b>	<b>5.45</b>	0.59	38.5	<3	<1	6.68	<1	--	--	11.02	0.00	19.30
	06/14/07	<b>1,140</b>	<255	<b>&lt;510</b>	<b>5.29</b>	<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	<b>983</b>	<236	<472	<b>407</b>	3.3	<0.5	4.34	<3	<1	<5	<1	<1	11.02	0.00	19.30
	06/02/08	<b>1,160</b>	<238	<476	2.89	<0.5	4.77	<3	<1	<5	<1	<1	474	11.65	0.00	18.67
	08/04/08	330	<236	<472	0.81	<0.5	<0.5	<3	<1	6.4	<1	<1	247	12.51	0.00	17.81
	11/03/08	577	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	278	11.80	0.00	18.52
02/23/09	780	<243	<485	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00	<b>3,130</b>	11.80	0.00	18.52	
05/17/09	786	<b>634</b>	<476	3.55	<0.500	24.1	<3.00	<1.00	8.92	2.14	<1.00	<b>962</b>	12.38	0.00	17.94	
MW-73 30.11	11/03/05	<b>1,070<sup>m</sup></b>	249 <sup>g</sup>	<472	<b>23.1</b>	1.74	3.58	4.74	<2	--	--	--	--	11.50	0.00	18.61
	02/23/06	<b>2,420</b>	<b>731<sup>g</sup></b>	<500	<b>13.2</b>	2.13	4.52	<3	<1	<1	2.27	--	--	11.32	0.00	18.79
	04/10/06	<b>2,460<sup>j</sup></b>	<236	<472	<b>9.56</b>	2.19	4.51	2.44	<1	1.06	1.97	--	--	11.67	0.00	18.44
	08/29/06	<b>1,130<sup>j</sup></b>	<236	<472	<b>12.60</b>	2.40	1.89	<3	<1	<5	1.76	--	--	12.27	0.00	17.84
	12/12/06	<b>2,360</b>	<243	<485	<b>14.50</b>	2.01	4.32	<3	<1	<5	3.01	--	--	11.35	0.00	18.76
	03/07/07	<b>2,260</b>	<236	<472	<b>17.5</b>	1.47	2.72	3.11	<1	<5	1.16	--	--	11.31	0.00	18.80
	06/14/07	<b>2,450</b>	<260	<b>&lt;521</b>	<b>11.6</b>	1.56	2.63	<3	<1	<5	2.16	--	--	11.59	0.00	18.52
MW-73 contd.	09/14/07	<b>1,380</b>	<236	<472	<b>12.1</b>	1.88	0.650	<3	<1	<5	1.60	--	--	11.77	0.00	18.34
	12/17/07	<b>2,390</b>	<236	<472	<b>18.0</b>	1.40	3.300	1.40	<1	--	4.95	--	--	10.70	0.00	19.41
	03/17/08	<b>2,670</b>	<238	<476	<b>707</b>	10.1	1.35	2.16	<3	<1	<5	2.15	1.17	11.20	0.00	18.91
	06/02/08	<b>2,260</b>	<236	<472	<b>15.8</b>	0.76	1.14	<3	<1	<5	3.81	1.00	<b>767</b>	11.61	0.00	18.50
	08/04/08	<b>1,250</b>	<236	<472	<b>10.3</b>	1.15	<0.5	<3	<1	<5	11.50	<1	465	12.73	0.00	17.38
	11/03/08	<b>1,790</b>	<243	<485	<b>21.3</b>	1.38	<0.500	<3.00	<1.00	<5.00	6.74	<1.00	466	11.80	0.00	18.31
	02/23/09	<b>2,800</b>	<240	<481	<b>25.6</b>	2.05	1.59	<3.00	--	<5.00	4.82	2.00	<b>7,510</b>	11.56	0.00	18.55
	05/17/09	<b>1,510</b>	<243	<485	<b>9.97</b>	1.00	0.73	<3.00	<1.00	<5.00	5.34	<1.00	430	12.96	0.00	17.15

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

Sample I.D. TOC <sup>a</sup>	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-74 30.35	11/04/05	2,160 <sup>j</sup>	<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 <sup>j</sup>	<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 <sup>j</sup>	<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													--	--	--
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	<1	7.46	0.00	19.62
	06/02/08	<50	<236	<472	<0.5	0.52	<0.5	<3	<1	<5	1.31	<1	<236	<1	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	<1	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 <sup>a</sup>	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-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	<b>1,800<sup>P</sup></b>	<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	<b>&lt;515</b>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	<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	<b>&lt;236</b>	<0.5	<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	<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	<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	<0.500	<3.00	<1.00	<5.00	3.66	<1.00	<236	8.51	0.00	17.83
02/23/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<0.500	<3.00	--	<5.00	2.52	<1.00	<236	7.93	0.00	18.41	
05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	2.83	<1.00	<240	8.03	0.00	18.31	

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

Sample I.D. TOC <sup>a</sup>	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-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	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	<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	<1	8.15	0.00	18.06
	06/02/08	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<238	7.31	0.00	18.90	
	08/05/08	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	8.83	<1	<238	7.94	0.00	18.27	
	11/04/08	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	7.90	<1.00	<236	8.53	0.00	17.68	
	02/23/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	2.32	<1.00	<240	8.40	0.00	17.81	
05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	3.27	<1.00	<240	7.62	0.00	18.59		
MW-82 23.70	11/03/05	<b>16,300</b>	<b>1,850<sup>g</sup></b>	<472	<b>308</b>	427	696	<b>3,370</b>	<b>&lt;40</b>	--	--	--	--	4.92	0.00	18.78	
	02/21/06	<b>15,400</b>	<258 <sup>q</sup>	<515	<b>483</b>	256	477	<b>2,110</b>	<1	78.7	3.90	--	--	5.12	0.00	18.58	
	05/11/06	<b>6,890</b>	<b>554<sup>p</sup></b>	<476	<b>221</b>	120	177	<b>1,043</b>	<10	31.0	<1	--	--	4.88	0.00	18.82	
	08/29/06	Not accessible - blocked by field office trailer													--	--	--
	12/11/06	<b>5,590</b>	<240	<481	<b>244</b>	50.7	184	815	<1	27.4	1.28	--	--	5.53	0.00	18.17	
	03/08/07	<b>8,910</b>	<250	<500	<b>425</b>	193	328	<b>1,450</b>	<20	<100	1.39	--	--	4.99	0.00	18.71	
	06/13/07	<b>12,100</b>	<243	<485	<b>630</b>	179	375	<b>1,800</b>	<1	154	1.27	--	--	4.93	0.00	18.77	
	09/12/07	<b>10,200</b>	<240	<481	<b>627</b>	30.8	354	<b>1,610</b>	<1	29	<1	--	--	5.25	0.00	18.45	
	12/19/07	<b>6,030</b>	<236	<472	<b>360</b>	51	230	840	<1	42	2.65	--	--	4.36	0.00	19.34	
	03/18/08	<b>8,570</b>	<236	<472	<b>1,940</b>	407	22.5	250	<b>751</b>	<1	<b>27.9</b>	<1	<1	4.98	0.00	18.72	
	06/03/08	<b>7,640</b>	<236	<472	<b>570</b>	8.71	316	<b>1,190</b>	<1	36.0	1.69	<1	<b>1,950</b>	5.00	0.00	18.70	
08/06/08	<b>12,000</b>	<236	<472	<b>326</b>	18	254	<b>1,890</b>	<1	79.8	1.28	<1	<b>868</b>	5.47	0.00	18.23		
11/04/08	<b>20,900</b>	<238	<476	<b>1,050</b>	177	549	<b>3,760</b>	<1.00	<b>75.2</b>	<1.00	<1.00	<b>3,370</b>	4.75	0.00	18.95		
11/18/08	Decommissioned													--	--	--	

**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-83 23.63	11/03/05	2,270	<236 <sup>j</sup>	<472 <sup>j</sup>	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 <sup>p</sup>	<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	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	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	<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 <sup>q</sup>	<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 <sup>j</sup>	<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 <sup>a</sup>	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)	
<b>MW-86</b> contd.	12/18/07	<b>4,540</b>	<238	<476	<b>1,400</b>	5.60	9.90	29.7	<1	1.40	1.32	--	--	6.52	0.00	21.03	
	03/18/08	<b>6,290</b>	<236	<472	<b>457</b>	<b>1,950</b>	7.10	9.36	<b>27.9</b>	<1	<5	<1	<1	8.95	0.00	18.60	
	06/03/08	<b>5,340</b>	<236	<472	<b>1,380</b>	7.19	12.60	28.40	<1	<5	<1	<1	<b>533</b>	8.60	0.00	18.95	
	08/05/08	<b>4,090</b>	<236	<472	<b>612</b>	7.18	7.23	30.70	<1	<5	<1	<1	356	9.25	0.00	18.30	
	11/04/08	<b>2,430</b>	<245	<490	<b>232</b>	<5.00	4.90	25.60	<1.00	<5.00	<1.00	<1.00	545	9.28	0.00	18.27	
	02/24/09	<b>4,750</b>	<240	<481	<b>1,300</b>	6.48	7.67	29.70	--	<5.00	<1.00	<1.00	<1.00	<b>4,760</b>	8.90	0.00	18.65
05/17/09	<b>10,300</b>	<243	<485	<b>3,380</b>	22.40	87.70	95.00	<1.00	<5.00	<1.00	<1.00	<1.00	<b>767</b>	11.02	0.00	16.53	
<b>MW-87</b> 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 <sup>q</sup>	<b>&lt;526</b>	<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	<b>&lt;236</b>	<0.5	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	8.09	0.00	18.65
	06/03/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<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	<1	<236	8.44	0.00	18.30
	11/04/08	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.46	<1.00	<243	8.75	0.00	17.99	
	02/24/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	--	<5.00	1.27	<1.00	<236	7.70	0.00	19.04	
05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<240	10.92	0.00	15.82		
<b>MW-88</b> 27.28	11/07/05	<b>14,700</b>	<240	<481	<b>546</b>	<50	<b>2,230</b>	<b>1,400</b>	<b>&lt;100</b>	--	--	--	--	8.75	0.00	18.53	
	02/21/06	LPH Present												8.75	Sheen	18.53	
	05/10/06	<b>20,500</b>	418 <sup>p</sup>	<476	<b>768</b>	<50	<b>2,590</b>	<b>1,121</b>	<b>&lt;100</b>	<b>734</b>	1.97	--	--	8.38	0.00	18.90	
	08/29/06	LPH Present												9.77	0.10	17.51	
	12/13/06	<b>16,600</b>	316	<485	<b>208</b>	<10	<b>1,170</b>	<b>1,620</b>	<20	<b>255</b>	2.2	--	--	9.30	0.00	17.98	
	03/06/07	Decommissioned												--	--	--	

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

Sample I.D. TOC <sup>a</sup>	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-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 <sup>g</sup>	<515	188	916	2,050	7,950	<20	860	23.4	--	--	4.36	0.00	18.66	
	05/11/06	24,300	3,040 <sup>P</sup>	<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		
11/18/08	Decommissioned													--	--	--	
MW-90 22.90	11/02/05	3,840 <sup>m</sup>	444 <sup>g</sup>	<490	70.8	2.94	244	792	<4	--	--	--	--	4.22	0.00	18.68	
	02/21/06	19,800	504 <sup>g</sup>	<538	218	10.0	805	2,400	<20	187	5.59	--	--	4.33	0.00	18.57	
	05/11/06	10,200	1,170 <sup>P</sup>	<495	125	6.90	348	1,222	<10	91.3	2.87	--	--	4.07	0.00	18.83	
	08/29/06	Not accessible - blocked by heavy equipment													--	--	--
	03/06/07	Not accessible - blocked by heavy equipment													--	--	--
	06/13/07	9,180	<248	<495	118	1.90	194	1,290	<1	166	2.14	--	--	4.14	0.00	18.76	
	09/12/07	3,870	<240	<481	46.3	1.15	64.0	645	<1	58.0	4.64	--	--	4.36	0.00	18.54	
	12/17/07	Well compromised, unable to sample													3.43	0.00	19.47
	03/18/08	1,060	<236	<472	367	11.4	<0.5	3.11	17.3	<1	14.3	8.29	<1	3.90	0.00	19.00	
	06/03/08	536	<236	<472	8.06	<0.5	1.41	8.92	<1	5.27	3.23	<1	<236	4.10	0.00	18.80	
	08/06/08	422	<236	<472	7.2	<0.5	0.91	5.63	<1	15.1	17.6	<1	<236	4.60	0.00	18.30	
	11/03/08	1,460	<391	<781	9.49	<0.500	6.75	8.45	<1.00	15.9	2.86	<1.00	<391	4.25	0.00	18.65	
11/18/08	Decommissioned													--	--	--	

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

Sample I.D. TOC <sup>a</sup>	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-91 23.13	11/03/05	9,390	2,230 <sup>g</sup>	<472	56.2	6.45	319	414	<10	--	--	--	--	4.13	0.00	19.00	
	02/24/06	6,080	487 <sup>g</sup>	<515	21.0	2.67	177	430	<1	188	2.39	--	--	4.51	0.00	18.62	
	05/11/06	5,900	931 <sup>p</sup>	<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	<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	<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	<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	<236	4.39	0.00	18.74
11/18/08	Decommissioned												--	--	--		
MW-92 28.98	11/02/05	12,300	338 <sup>g</sup>	<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	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	<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	375	10.47	0.00	18.51	
11/18/08	Decommissioned												--	--	--		



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

Sample I.D. TOC <sup>a</sup>	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-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	<b>1,200</b>	<b>3,580<sup>P</sup></b>	<b>&lt;526</b>	2.38	0.780	3.25	3.18	<1	1.71	1.16	--	--	7.25	0.00	18.49	
	05/10/06	<b>1,200<sup>J</sup></b>	<b>1,540</b>	<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	<b>1,120</b>	<253	<b>&lt;505</b>	<0.5	0.670	2.54	3.18	<1	<5	1.25	--	--	7.54	0.00	18.20	
	03/07/07	<b>1,010</b>	<b>3,490</b>	<500	<b>11.60</b>	0.760	2.91	3.59	<1	<5	<1	--	--	6.99	0.00	18.75	
	06/13/07	<b>1,330</b>	<b>822<sup>G, P</sup></b>	<b>1,250</b>	<0.5	0.680	1.77	3.01	<1	5.40	1.66	--	--	6.94	0.00	18.80	
	09/13/07	303	267	<b>616</b>	<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	<b>1,200</b>	<b>541</b>	<b>1,660</b>	<b>464</b>	<0.5	<0.5	0.96	<3	<1	<5	<1	<1	<1	6.79	0.00	18.95
	06/03/08	<b>1,320</b>	429	<472	<b>6.56</b>	<0.5	3.62	1.44	<1	<5	<1	<1	<1	<b>613</b>	6.63	0.00	19.11
	08/06/08	<b>847</b>	<b>1,140</b>	<b>1,270</b>	<0.5	0.51	1.44	<3	<1	<5	2.69	<1	<1	<b>946</b>	7.50	0.00	18.24
	11/03/08	<b>1,110</b>	<b>564</b>	<b>842</b>	<0.500	<0.500	1.43	<3.00	<1.00	<5.00	2.95	<1.00	<1.00	<b>535</b>	5.87	0.00	19.87
11/18/08	Decommissioned													--	--	--	
MW-94 21.90	11/02/05	393	277 <sup>G</sup>	<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	<b>1,720</b>	<248	<495	1.88	<0.5	33.6	<3	<1	93.8	<1	--	--	3.16	0.00	18.74	
	06/13/07	<b>2,340</b>	<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	<b>1,010</b>	<1.00	<1	<1.00	<3	<1	<1	12.90	--	2.54	0.00	19.36	
	03/17/08	<b>2,490</b>	255	<472	<b>1,010</b>	1.33	<0.5	31.5	<3	<1	<b>46.6</b>	2.65	<1	2.89		19.01	
	06/02/08	Gauged but not sampled													5.15	0.00	16.75
	08/06/08	637	<236	<472	0.58	<0.5	0.80	<3	<1	<5	3.80	<1	294	3.68	0.00	18.22	
	11/03/08	Well under water, unable to sample.													3.23	0.00	18.67
11/18/08	Decommissioned													--	--	--	

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

Sample I.D. TOC <sup>a</sup>	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-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 <sup>g</sup>	<481	<b>9.67</b>	5.57	7.88	19.20	<1	3.31	<1	<1	--	13.00	0.00	18.99
	05/09/06	326	<255	<b>&lt;510</b>	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	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	<1	<1	--	13.82	0.00	18.17
	12/12/06	<b>1,330</b>	<243	<485	<b>52.9</b>	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	<b>&lt;236</b>	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	12.69	0.00	19.30
	06/03/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<236	8.78	0.00	23.21
	08/04/08	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<236	14.02	0.00	17.97
	11/04/08	<50.0	<248	<495	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<248	13.75	0.00	18.24
02/24/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00	<240	13.50	0.00	18.49	
05/17/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<240	14.01	0.00	17.98	
MW-96 24.98	11/02/05	<b>3,230</b>	<b>501<sup>g</sup></b>	<472	<b>172</b>	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	<b>6,190</b>	<b>5,570</b>	<b>&lt;971</b>	<b>392</b>	136	152	<b>1,057</b>	<10	90.8	1.20	1.20	--	6.20	0.01	18.78
	08/29/06	LPH Present												7.48	0.23	17.04
	12/11/06	LPH Present												6.76	0.30	18.22
	03/06/07	Not accessible - construction materials												--	--	--
	06/13/07	Not accessible												--	--	--
	09/12/07	Not accessible												--	--	--
	12/17/07	Not accessible												--	--	--
	03/17/08	Buried with construction material												--	--	--
	06/03/08	Well under construction debris												--	--	--
	08/06/08	Well under construction debris.												--	--	--
	11/04/08	Well under construction debris.												--	--	--
11/18/08	Decommissioned												--	--	--	

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

Sample I.D. TOC <sup>a</sup>	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-97 30.35	11/02/05	17,600	441 <sup>g</sup>	<490	121	38.2	1,010	1,860	<1	--	--	--	--	11.70	0.00	18.65
	02/22/06	39,900	811 <sup>g</sup>	<500	350	32.8	1,840	3,730	<40	735	21.6	--	--	11.17	0.00	19.18
	05/09/06	30,300 <sup>j</sup>	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 <sup>g</sup>	<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 <sup>g</sup>	<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 <sup>p</sup>	<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 <sup>b</sup>	<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 <sup>g</sup>	<472	471	12.0	492	1,490	<20	--	--	--	--	5.10	0.00	18.76
	02/24/06	11,400	294 <sup>g</sup>	<532	471	3.96	473	1,160	<4	90.4	4.54	--	--	5.29	0.00	18.57
	05/11/06	2,810 <sup>j</sup>	370 <sup>p</sup>	<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 <sup>g</sup>	<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	

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

Sample I.D. TOC <sup>a</sup>	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)
<b>MW-102</b> contd.	06/03/08	660	359	<472	<b>208</b>	<0.5	78.5	239	<1	85.9	<b>29.00</b>	<1	<b>2,170</b>	5.15	0.00	18.71
	08/06/08	<b>3,310</b>	276	<472	<b>138</b>	0.79	43.2	69	<1	54.2	<b>54.10</b>	1.14	<b>1,240</b>	5.63	0.00	18.23
	11/04/08	<b>8,720</b>	497	<472	<b>232</b>	1.23	366	248.0	<1.00	<b>108</b>	<b>19.20</b>	1.36	<b>2,920</b>	4.30	0.00	19.56
	11/18/08	Decommissioned												--	--	--
<b>MW-103</b> 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	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	-- <sup>u</sup>	<1	--	--	6.01	0.00	21.21
	12/13/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	9.00	0.00	18.22
	03/06/07	Decommissioned												--	--	--
<b>MW-105</b> 29.61	07/26/05	<b>62,000</b>	<b>821<sup>b</sup></b>	<500	<b>1,970</b>	<b>7,460</b>	<b>2,640</b>	<b>12,750</b>	<1	<b>723</b>	--	--	--	10.88	0.00	--
	11/02/05	<b>66,100</b>	495 <sup>g</sup>	< <b>538</b>	<b>1,370</b>	<b>6,430</b>	<b>2,360</b>	<b>12,300</b>	<1	--	--	--	--	10.94	0.00	18.67
	02/22/06	<b>50,000</b>	332 <sup>g</sup>	<495	<b>1,200</b>	<b>2,810</b>	<b>1,990</b>	<b>8,540</b>	< <b>50<sup>qr</sup></b>	<b>498</b>	5.13	--	--	10.59	0.00	19.02
	05/09/06	<b>62,300</b>	<b>867<sup>p</sup></b>	<472	<b>1,200</b>	<b>5,070</b>	<b>2,210</b>	<b>10,550</b>	< <b>100</b>	<b>440</b>	9.54	--	--	10.69	0.00	18.92
	06/12/06	Decommissioned												--	--	--
<b>MW-200</b> 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	<b>2,560</b>	270 <sup>g</sup>	<490	<b>38.4</b>	2.38	57.3	70.9	1.84	60.7	1.60	--	--	11.15	0.00	18.54
	05/10/06	<b>1,440<sup>j</sup></b>	<245	<490	<b>25.1</b>	0.620	35.5	12.82	1.57	45.2	<1	--	--	11.29	0.00	18.40
	08/29/06	471 <sup>j</sup>	<236	<472	<b>7.10</b>	2.00	31.3	28.2	1.11	53.0	<1	--	--	11.95	0.00	17.74
	12/12/06	<b>1,630</b>	<245	<490	<b>7.12</b>	1.30	20.0	27.9	1.90	25.0	1.05	--	--	11.29	0.00	18.40
	03/06/07	<50	<260	< <b>521</b>	<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	<b>2,390</b>	270	<481	<b>27.5</b>	1.07	55.20	16.6	<1	92.8	2.46	<1	<b>1,220</b>	8.13	0.00	21.56
	08/10/08	<b>1,140</b>	<238	<476	<b>10.4</b>	0.85	21.20	6.7	<1	45.3	7.41	<1	<b>616</b>	12.10	0.00	17.59
	11/02/08	North lane of Mercer flooded. Unable to sample.												--	--	--
	02/22/09	<b>4,570</b>	<b>5,550</b>	<481	<b>17.1</b>	2.12	58.0	45.4	--	134	1.82	<1.00	<b>1,820</b>	11.45	0.00	8.25
05/17/09	<b>7,160</b>	<b>396</b>	<476	<b>71.4</b>	3.72	224.0	363	<1.00	<b>273</b>	10.4	<1.00	<b>1,820</b>	9.85	0.00	19.84	

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

Sample I.D. TOC <sup>a</sup>	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-201 29.32	11/07/05	56.8	974 <sup>f</sup>	4,180	<0.5	<0.5	0.990	9.49	<1	--	--	--	--	9.81	0.00	19.51	
	02/22/06	199	464 <sup>h</sup>	1,460	27.6	14.2	<0.500	<3	<1	<1	9.78	--	--	10.76	0.00	18.56	
	05/10/06	221	<250	<500	27.1	14.6	<0.500	<3	<1	<1	3.01	--	--	11.12	0.00	18.20	
	08/29/06	114	<248	<495	19.1	10.6	<0.500	<3	<1	<5	2.16	--	--	11.64	0.00	17.68	
	12/12/06	223	<245	<490	16.3	1.79	<0.500	<3	<1	<5	3.88	--	--	11.65	0.00	17.67	
	03/06/07	174	<260	<521	25.6	1.46	<5.00	<3	<1	<5	2.54	--	--	11.65	0.00	17.67	
	06/14/07	206	<245	<490	20.4	0.870	<0.500	<3	<1	<5	<1	--	--	10.89	0.00	18.43	
	09/14/07	125	<245	<490	21.4	0.750	<0.500	<3	<1	<5	1.87	--	--	11.16	0.00	18.16	
	12/17/07	Unable to sample- well under water													--	--	--
	03/18/08	281	<236	<472	<236	11	0.58	<0.5	<3	<1	<5	6.72	1.28	10.63	0.00	18.69	
	06/01/08	196	<238	<476	18.3	7.40	<0.5	<3	<1	<5	19.80	2.29	<238	10.90	0.00	18.42	
	08/10/08	125	<243	<485	17.7	1.14	<0.5	<3	<1	<5	13.30	3.73	<243	11.90	0.00	17.42	
	11/02/08	North lane of Mercer flooded. Unable to sample.													--	--	--
	02/22/09	157	<238	6,530	11.5	<0.500	<0.500	<3.00	--	<5.00	8.43	<1.00	<238	10.90	0.00	4.20	
05/17/09	173	<248	<495	12.4	<0.500	<0.500	<3.00	<1.00	<5.00	11.8	1.28	<248	12.10	0.00	17.22		
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 <sup>q,r</sup>	<1	1.71	--	--	12.35	0.00	18.20	
	05/10/06	<50	<250	<500	<0.5	<0.5	<0.5	<3	<1	<1	<1	--	--	12.43	0.00	18.12	
	08/29/06	<80	<253	<505	<0.5	<0.5	<0.5	<3	<1	<5	9.54	--	--	12.76	0.00	17.79	
	12/12/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	12.24	0.00	18.31	
	03/08/07	<50	<253	<505	<0.5	<0.5	<0.5	<3	<1	<5	1.04	--	--	12.23	0.00	18.32	
	06/14/07	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	12.44	0.00	18.11	
	09/14/07	<50	<250	<500	<0.5	<0.5	<0.5	<3	<1	<5	1.43	--	--	12.54	0.00	18.01	
	12/19/07	<50	<240	<481	<1	<1	<1.00	<3	<1	<1	<1	--	--	12.12	0.00	18.43	
	03/18/08	<50	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	12.42	0.00	18.13	
	06/02/08	<50	<240	<481	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<240	12.47	0.00	18.08	
	08/05/08	<50	<248	<495	<0.5	<0.5	<0.5	<3	<1	<5	<1	<1	<248	12.65	0.00	17.90	
	11/05/08	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<243	12.52	0.00	18.03	
	02/25/09	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00	<243	12.80	0.00	17.75	
05/17/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	12.90	<1.00	<236	13.63	0.00	16.92		

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

Sample I.D. TOC <sup>a</sup>	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-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	1.69	--	--	7.49	0.00	19.14
	03/18/08	<50	<236	<472	<236	<0.5	<0.5	<0.5	<3	<1	<1	<5	<1	<1	6.95	0.00	19.68
25.94	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	<b>272.00</b>	<1.00	<236	7.05	0.00	18.89	
	02/25/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	3.21	<1.00	<240	5.54	0.00	20.40	
	05/17/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	4.03	<1.00	<236	7.00	0.00	19.63	
	MW-204 28.13	11/03/05	725	<236	<472	<b>34.5</b>	0.550	23.3	13.6	<2	--	--	--	--	10.05	0.00	18.08
02/21/06	<b>3,120</b>	<287 <sup>q</sup>	<575	<b>388</b>	<2.5	221	87.0	<5	42.2	1.63	--	--	--	10.09	0.00	18.04	
05/09/06	<b>2,990<sup>j</sup></b>	<236 <sup>p</sup>	<472	<b>343</b>	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	<b>3,950</b>	<245	<490	<b>7.60</b>	<2.50	307	116	<5 <sup>q,r</sup>	82.0	3.64	--	--	9.22	0.00	18.86	
	05/10/06	<b>1,530</b>	<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													--	--	--

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

Sample I.D. TOC <sup>a</sup>	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 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 <sup>P</sup>	<490	<b>7.57</b>	0.560	<0.5	<3	<1	<1	1.24	--	--	12.40	0.00	19.14	
	05/10/06	<50	<263	<b>&lt;526</b>	<b>8.54</b>	<0.5	<0.5	<3	<1	<1	1.04	--	--	12.75	0.00	18.79	
	08/29/06	<80	<266	<b>&lt;532</b>	1.63	<0.5	<0.5	<3	<1	<5	1.84	--	--	13.25	0.00	18.29	
	06/13/07	Lack of water to sample												10.36	0.00	21.18	
	09/14/07	Lack of water to sample												10.67	0.00	20.87	
	12/17/07	<50	293	<b>1,020</b>		<1	<1	<1	<2	<1	<1	--	6.16		9.50	0.00	22.04
	03/17/08	<50	331	<b>1,080</b>	<b>&lt;236</b>	<0.5	<0.5	<0.5	<3	<1	<1	<5	<b>852.00</b>	<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	<b>564</b>	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	14.80	1.65	<243		9.03	0.00	22.51
	02/23/09	Well dry												--	--	--	
	05/17/09	Well dry												10.80	0.00	19.74	
MW-207 30.65	11/04/05	<50	<281	<b>&lt;562</b>	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	<b>&lt;505</b>	<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	<b>&lt;526</b>	0.960	<0.5	<0.5	<3	<1	<5	<1	--	--	13.88	0.00	16.77	
	06/15/07	<50	<238	<476 <sup>r</sup>	<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	<b>&lt;236</b>	<0.5	<0.5	<0.5	<3	<1	<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	<1	<238	14.52	0.00	16.13
	08/05/08	<50	<238	<476	<0.5	<0.5	<0.5	<3	<1	<5	1.58	<1	<238	14.66	0.00	15.99	
	11/05/08	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	1.02	<1.00	<240	13.85	0.00	16.80	
	02/23/09	Inaccessible												--	--	--	
05/17/09	Inaccessible												--	--	--		

**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-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 <sup>g</sup>	<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 <sup>g</sup>	<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 <sup>x</sup>	2200 <sup>x</sup>	<1	256 <sup>x</sup>	7.91	<1	7,460	12.22	0.00	18.06	
	08/10/08	40,600	115	<485	52.1	31	1,490	4,920	<10	414	6.23	1.56	12,600	12.30	0.00	17.98	
	11/02/08	32,700	988	<490	10.9	23.5	947	3,150	<1.00	21.4	1.80	1.41	12,500	11.80	0.00	18.48	
02/23/09	Inaccessible													--	--	--	
05/17/09	18,000	652	<476	4.72	6.26	700	2,100	<1.00	274	3.84	<1.00	7,330	12.15	0.00	18.13		
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	
	02/23/09	Inaccessible													--	--	--
	05/17/09	Inaccessible													--	--	--
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	
	02/25/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00	<240	5.90	0.00	20.80	
	05/17/09	<50.0	<245	<490	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	<1.00	<1.00	<245	8.61	0.00	18.09	
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	
	02/25/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00	<240	8.19	0.00	18.39	
	05/17/09	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<1.00	<5.00	4.72	<1.00	<236	9.10	0.00	17.45	
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	
MW-X 28.37	11/02/05	760	252 <sup>f</sup>	<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													--	--	--



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

Sample I.D. TOC <sup>a</sup>	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	03/08/95	<50	400	<b>2,500</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	10.25	0.00	--
	06/06/95	<50	<250	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	10.23	0.00	--
	09/07/95	<50	300	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	10.89	0.00	--
	12/08/95	<50	300	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	10.36	0.00	--
	04/01/96	<b>34,000</b>	<b>4,000</b>	<b>2,300</b>	<b>6,400</b>	42	<b>2,100</b>	<b>3,000</b>	--	--	--	--	--	10.07	0.00	--
	06/25/96	<50	320	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	10.19	0.00	--
	09/27/96	<50	<250	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	11.12	0.00	--
	03/28/97	<50	<250	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	10.19	0.00	--
	06/30/97 <sup>b</sup>	<50	<250	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	10.14	0.00	--
	09/08/97 <sup>b</sup>	<50	<250	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	10.85	0.00	--
	12/19/97 <sup>b</sup>	<50	<b>521</b>	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	9.67	0.00	--
	03/16/98 <sup>b</sup>	50.1	<250	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	9.28	0.00	--
	06/26/98 <sup>b</sup>	<50	<b>500</b>	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	8.87	0.00	--
	09/23/98 <sup>b</sup>	<50	<250	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	9.88	0.00	--
	12/17/98 <sup>b</sup>	<50	293	<b>&lt;750</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	9.22	0.00	--
	03/31/99 <sup>b</sup>	<50	360	<b>&lt;750</b>	<0.5	<0.5	0.53	4.97	--	--	--	--	--	9.01	0.00	--
	06/30/99 <sup>b</sup>	<50	<b>639</b>	<b>&lt;750</b>	<0.5	0.609	<0.5	1.32	--	--	--	--	--	9.55	0.00	--
	12/08/99 <sup>b</sup>	<50	<484	<b>&lt;1,450</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	8.75	0.00	--
	06/20/00 <sup>b</sup>	<50	<250	<b>&lt;750</b>	<0.5	0.585	<0.5	1.86	--	--	--	--	--	8.89	0.00	--
	12/19/00	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	06/15/01 <sup>b</sup>	<50	368	<b>&lt;866</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	7.23	0.00	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01 <sup>b</sup>	<50	385	<b>&lt;571</b>	<0.5	<0.5	<0.5	<1	--	--	--	--	--	9.19	0.00	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	<50	<b>1,160</b>	<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	--	

**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)	
SMW-3 contd.	06/12/03	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	09/19/03	<50	<287	<575	<0.5	<0.5	<0.5	<1	--	--	--	--	--	11.00	0.00	--	
29.03	01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	03/30/04	<100	<119	<238	<1	<1	<1	<2	--	--	--	--	--	10.42	0.00	--	
	06/22/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	09/29/04	56	<242	<483	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	11.67	0.00	--	
	12/29/04	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	
	03/17/05	<100	<248	<495	<1	<1	<1	<2	--	--	--	--	--	11.68	0.00	--	
	06/01/05	<100	<249	<498	<1	<1	<1	<2	<1	--	--	--	--	10.62	0.00	--	
	07/25/05	<50	<250	<500	<0.2	<0.2	<0.2	<0.5	<1	<0.5	--	--	--	--	11.19	0.00	--
	11/08/05	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	--	--	--	--	11.77	0.00	17.26	
	02/24/06	<50	<278	<556	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	--	--	11.84	0.00	17.19	
	08/30/06	<80	<243	<485	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--				
	10/11/06	<50	<243	<485	<0.5	<0.5	<0.5	<3	<1	<1	<1	--	--	10.70	0.00	18.33	
	12/13/06	<50	<236	<472	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	12.14	0.00	16.89	
	03/08/07	<50	<250	<500	<0.5	<0.5	<0.5	<3	<1	<5	<1	--	--	11.68	0.00	17.35	
	06/13/07	Not Accessible													--	--	--
	09/12/07	Not Accessible													--	--	--
12/17/07	Not Accessible													--	--	--	
03/17/08	Unable to locate													--	--	--	
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	
	02/25/09	<50.0	<240	<481	<0.500	<0.500	<0.500	<3.00	--	<5.00	<1.00	<1.00	<240	9.90	0.00	17.50	
	05/17/09	Not Accessible													--	--	--

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

Sample I.D. TOC <sup>a</sup>	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	03/08/95	39,000	4,100	5,100	13,000	<250	2,400	8,200	--	--	--	--	--	8.14	0.00	--	
	06/06/95	41,000	5,500	<750	9,400	44	2,700	4,900	--	--	--	--	--	8.90	0.00	--	
	09/07/95	--	--	--	--	--	--	--	--	--	--	--	--	8.99	0.00	--	
	12/08/95	40,000	1,500	920	8,100	57.0	2,600	3,600	--	--	--	--	--	7.56	0.00	--	
	04/01/96	<50	<250	<750	<0.5	<0.5	<0.5	<1	--	--	--	--	--	8.13	0.00	--	
	06/25/96	28,100	2,680	630	3,900	81.4	1,710	1,710	--	--	--	--	--	8.20	0.00	--	
	09/27/96	28,600	2,460	<750	6,090	<0.5	2,060	1,730	--	--	--	--	--	8.62	0.00	--	
	03/28/97	--	--	--	--	--	--	--	--	--	--	--	--	--	8.20	0.00	--
	06/30/97	--	--	--	--	--	--	--	--	--	--	--	--	--	8.06	0.00	--
	09/08/97	--	--	--	--	--	--	--	--	--	--	--	--	--	9.00	0.00	--
	12/19/97	LPH Present													9.41	0.04	--
	03/16/98	--	--	--	--	--	--	--	--	--	--	--	--	--	9.09	0.00	--
	06/26/98	LPH Present													8.76	Trace	--
	09/23/98	LPH Present													9.96	0.05	--
	12/17/98	LPH Present													10.22	Trace	--
	03/31/99	LPH Present													8.70	Trace	--
	06/30/99	LPH Present													8.20	Trace	--
	12/08/99	Inaccessible													NM	NM	--
	06/20/00	Inaccessible													NM	NM	--
	12/19/00	Inaccessible													NM	NM	--
	06/15/01	Inaccessible													NM	NM	--
	06/26/01	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/07/01	Inaccessible													NM	NM	--
	10/10/01	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/28/01	Inaccessible													NM	NM	--
	03/08/02	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	06/24/02	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	09/26/02	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	12/12/02	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
	03/13/03	--	--	--	--	--	--	--	--	--	--	--	--	--	9.55	0.00	--

**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)	
SMW-4 contd.	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 <sup>g</sup>	<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 <sup>g</sup>	<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 <sup>g</sup>	<495	2,070	14.4 <sup>j</sup>	1,720	42.6 <sup>j</sup>	<1	1,160	7.74	--	--	9.21	0.00	19.12
		09/13/07	15,000	834	<476	2,170	16.3	1,800	2,410	<1	598	7.57	--	--	9.45	0.00	18.88
		12/19/07	12,400	904	<472	1,400	4.8	640	13.70	<1	310	8.66	--	--	8.51	0.00	19.82
		03/17/08	1,630	<236	<472	78.1	1.23	1.34	8.17	<1	5.71	3.82	3.82	<1	8.92	0.00	19.41
		06/03/08	14,600	753	<472	1,330	6.02	866	15.40	<1	292	10.40	<1	3,840	8.98	0.00	19.35
		08/06/08	10,300	959	<472	1,210	5.29	782	<3	<1	454	9.96	7.91	3,280	9.47	0.00	18.86
11/03/08	15,800	1,400	<472	1,290	6.95	1,620	24.40	<1.00	<500	12.30	8.88	5,450	9.41	0.00	18.92		
11/18/08	Decommissioned													--	--	--	
SMW-5 29.17	07/25/05	3,110	835 <sup>b</sup>	<500	40.2	0.790	41.8	21.48	<1	24.6	--	--	--	10.40	0.00	--	
	11/02/05	1,950 <sup>m</sup>	1,930 <sup>f,g</sup>	<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 <sup>p</sup>	<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 <sup>j</sup>	301 <sup>g</sup>	<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 <sup>a</sup>	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)
<b>SMW-5 contd.</b>	12/18/07	<b>3,610</b>	264	<472	<b>150.0</b>	8.10	140.0	41.20	<1	66.0	1.83	--	--	8.45	0.00	20.72
	03/17/08	<b>3,450</b>	288	<472	<b>1,110</b>	<b>93.9</b>	1.03	20.4	4.28	<1	<b>15.7</b>	<1	<1	9.75	0.00	19.42
	06/03/08	<b>1,580</b>	<236	<472	<b>24.4</b>	0.89	12.9	5.15	<1	9.06	2.72	<1	<b>682</b>	10.11	0.00	19.06
	08/05/08	<b>2,050</b>	259	<472	<b>18.2</b>	1.28	17.1	4.78	<1	6.2	1.54	<1	<b>941</b>	10.70	0.00	18.47
	11/03/08	<b>2,890</b>	280	<476	<b>6</b>	1.03	21.5	5.59	<1.00	8.59	1.14	<1.00	<b>1190</b>	10	0.00	19.17
11/18/08	Decommissioned													--	--	--
<b>MTCA Method A Cleanup Level for Groundwater</b>		<b>1000/800<sup>k</sup></b>	<b>500</b>	<b>500</b>	<b>5</b>	<b>1,000</b>	<b>700</b>	<b>1,000</b>	<b>20</b>	<b>160</b>	<b>15</b>	<b>15</b>	<b>500</b>	<b>--</b>	<b>--</b>	<b>--</b>

**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.

<sup>a</sup> 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.

<sup>b</sup> Well was not purged prior to sample collection.

<sup>c</sup> TPH-Diesel and TPH-Oil did not resemble chromatogram used for quantitation.

<sup>d</sup> Well casing was trimmed down during monument replacement in December 2004. New TOC elevation surveyed on January 27, 2005.

<sup>e</sup> Quality control failed due to laboratory error. Quantitative analytical results not reported.

<sup>f</sup> Contaminant does not appear to be "typical" product.

<sup>g</sup> Chromatogram suggests that this may be overlap from the gasoline range.

<sup>h</sup> Chromatogram suggests that this may be overlap from the motor oil range.

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

<sup>j</sup> Surrogate recovery outside advisory QC limits due to matrix interference.

<sup>k</sup> 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.

<sup>l</sup> Samples analyzed using Northwest Method NWTPH-Dx without acid/silica gel cleanup.

<sup>m</sup> Surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present.

<sup>n</sup> Detected hydrocarbons due mainly to cleanup artifact. There is no diesel present.

<sup>o</sup> DO meter was unavailable.

<sup>p</sup> The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

<sup>q</sup> Analyte had a high bias in the associated calibration verification standard.

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

<sup>s</sup> Diluted due to matrix effect.

<sup>t</sup> The total hydrocarbon result in this sample is primarily due to an individual compound eluting in the volatile hydrocarbon range.

<sup>u</sup> Due to laboratory error, the samples were not analyzed for EPA 8260B compounds.

<sup>v</sup> Possible field error.

<sup>w</sup> 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.



**SITE VISITATION REPORT**

**2Q09 Sampling Event - Former ConocoPhillips Service Station No. 255353, Seattle, WA**

Name(s) J. PAYNE / D. REITZ Date: 5.18.09 Time of Arrival Call-In: 0617  
 Arrival Time: 0600 Departure Time: \_\_\_\_\_ Time of Departure Call-In: \_\_\_\_\_  
 Weather Conditions LIGHT FOG, 60°, SUNNY Who did you call? T. PARISE

**DRUM INVENTORY**

<u>①</u>	WATER	_____	CARBON	TOTAL OPEN TOP	<u>1 2694.2m</u>
_____	SOIL	_____	EMPTY	TOTAL BUNG TOP	_____

**HEALTH AND SAFETY ASSESSMENT**

~~0740 - SET UP MW-208~~ 0640 - J. PAYNE (STANTEC)  
 ARRIVED ON THE CORNER OF TERRY AVE & VALLEY STREET PARKING  
 LOT NE OF THE PROJECT LOCATION, NOTIFY STANTEC, BEGIN SETTING  
 UP EQUIPMENT, DELINEATION, DECON AREA, REVIEW TRAFFIC PLAN  
0641 - D. REITZ (STANTEC) ARRIVED ONSITE, CONDUCT HEALTH AND SAFETY  
PLAN, REVIEW SCOPE OF WORK, SET UP OFFERS

**DESCRIPTION OF ACTIVITIES ONSITE AND NOTES**

0630 - J. PAYNE & D. REITZ (STANTEC) CONTINUE 2Q09  
WORK & SAMPLING EVENT.

1100 - J. PAYNE / D. REITZ / J. THOMPSON / JAMES GATHERED  
AT PROPEL GAS STATION TO DISCUSS TRAFFIC CONTROL,  
STATUS OF WORK IN PROGRESS, AND MOVING FORWARD,  
J. THOMPSON (STANTEC) ADVISED J. PAYNE NOT TO SAMPLE  
MW-207 DUE TO CONSTRUCTION, J. PAYNE ADVISED  
J. THOMPSON THAT SMW-3 WAS COVERED BY CONCRETE  
BLOCK/ANCHOR FOR CONSTRUCTION TEMP. FENCE, MW-209  
LOCATED BEHIND FENCE, J. PAYNE SPOKE TO CONSTRUCTION  
SITE SUPERVISOR, ADVISED THAT J. PAYNE CAN NOT  
GO WITHIN THE FENCE LINE DUE TO CRANE OPERATIONS  
AND H&S LIABILITY. D. REITZ CONTINUE TO SAMPLE  
LATEST MW-210.

1132 - J. PAYNE BEGIN ORGANIZING SAMPLE CONTAINERS / FIELD NOTES

1215 - J. PAYNE (CALLED J. THOMPSON) ADVISED J. THOMPSON SMW-3 - SMW-209  
WAS INACCESSIBLE DUE TO CONSTRUCTION. J. THOMPSON ADVISED J. PAYNE  
TO DEMOBILIZE AND TAKE NOTE OF WELLS W/ACCESSIBLE

1230 - J. PAYNE / D. REITZ & DECON EQUIPMENT, ORGANIZE SAMPLES  
COOLERS, ORGANIZE FIELD NOTES, STOW AND SECURE EQUIPMENT  
CHECK AREA FOR DEBRIS, EMPTY GARBAGE,

1245 - J. PAYNE / D. REITZ (STANTEC) OFFSITE

SITE VISITATION REPORT

2Q09 Sampling Event - Former ConocoPhillips Service Station No. 255353, Seattle, WA

Name(s) D. Reitz / J. Payne Date: 05/18/09

Time of Arrival Call-In: 0615

Arrival Time: 0600 Departure Time: 1300

Time of Departure Call-In: 1250

Weather Conditions Cldy, fog, 60° Ptlly Sunny

Who did you call? T. Perrise

DRUM INVENTORY

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

HEALTH AND SAFETY ASSESSMENT

Don p.p.e.  
REVIEW HASP, & J.S.A

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

- 0600 Arrive on site. Don p.p.e. & set-up decon. station.
- 0615 Call-in to office & review of HASP. Perform tailgate safety meeting with J. Payne (Stantec).
- 0630 Re-initiate 2Q09 GWM sample procedures
- 0830 AGS (traffic control) arrives on-site.
- 0900 J. Thompson (Stantec) arrives on-site. Meet with J. Payne, J. Thompson (Stantec) & J. Guess (AGS) to discuss remaining protocols, time-frames, logistics & completion requirements.
- 0925 Continue sampling procedures.
- 1030 J. Payne completes sampling procedures & begins house cleaning/demobilization procedures
- 1200 Complete 2Q09 GWM procedures. Decon. equipment, pack sample coolers & load equipment into truck.
- 1220 De-brief with J. Payne & assimilate documentation.
- 1240 Release purge water/decon. rinsates into drum.
- 1250 Call-in to office to inform of departure.
- 1300 Depart job site.

*[Handwritten signature]*

# Stantec Consulting Corporation

## HYDROLOGIC DATA SHEET

Gauge Date: 5.17.09 / 5.19.09

Project Name: Former ConocoPhillips Service Station  
No. 255353

Field Technicians: J. PAYNE / D. REITZ

Project Number: 212301523

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 INTERVAL	PROPOSED INTAKE RANGE (feet below TOC)	MEASUREMENTS				PURGE? (Y/N)	SHEEN? (Y/N)	SAMPLE? (Y/N)	COMMENTS / PROBE CALIBRATION
			TIME	DTP (feet)	DTW (feet)	DTB (feet)				
CI-1	NA		0835		11.93	30.00	Y	N	Y	
CI-2	NA		0930		11.57	28.80	Y	N	Y	
MW-18	NA		0745		11.65	14.70	Y	N	Y	
MW-19	NA		0830		11.43	14.80	Y	N	Y	
MW-37	5-25'	0832	0832		12.35	20.53	Y	N	Y	
MW-38	5-20'		0708		7.13	20.00	Y	N	Y	
MW-40	7.5-22.5'		1147		13.85	19.00	Y	N	Y	
MW-41	5-20'		1038		15.78	20.05	Y	N	Y	
MW-44	5-20'		1012		11.97	45.00	Y	N	Y	
MW-45	3-19'		1222		16.67	19.65	Y	N	Y	
MW-51	5-15'		0700		12.97	15.30	Y	N	Y	
MW-54	5-20'									Under Surface Water
MW-55	5-20'									Not Found
MW-71	5-20'		1110		12.46	19.90	Y	N	Y	
MW-72	5-20'		1114		12.38	19.85	Y	N	Y	
MW-73	5-20'		1150		12.96	19.70	Y	N	Y	
MW-80	5-20'		0650		8.03	20.20	Y	N	Y	
MW-81	5-20'		0735		7.62	20.10	Y	N	Y	
MW-86	5-20'		0925		11.02	27.90	Y	N	Y	
MW-87	5-20'		1005		10.92	20.00	Y	N	Y	
MW-95	5-18'		1030		14.01	18.00	Y	N	Y	
MW-200	5-20'		0908		9.85	19.57	Y	N	Y	
MW-201	5-16'		0915		12.10	15.00	Y	N	Y	
MW-202	5-20'		0947		13.63	19.65	Y	N	Y	
MW-203	5-20'		0748		7.00	17.10	Y	N	Y	
MW-206	5-20'		1230		10.80	11.60	N	N	N	Dry Well
MW-207	5-20'									Inaccessible
MW-208	5-20'		0755		12.15	19.05	Y	N	Y	
MW-209	5-20'									Inaccessible
MW-210	5-20'		1110		8.61	19.50	Y	N	Y	
MW-211	5-20'		0832		9.16	20.20	Y	N	Y	
SMW-3	NA									Inaccessible

# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

PROJECT #: 212301523 PURGED BY: DAVE REITZ WELL I.D.: MW-80  
 CLIENT NAME: Kipp Eckert SAMPLED BY: DAVE REITZ SAMPLE I.D.: MW-80  
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 05/18/09 START (2400hr) 0650 END (2400hr) 0725  
 DATE SAMPLED 05/18/09 SAMPLE TIME (2400hr) 0705 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) = 20.20  
 DEPTH TO WATER (feet) = 8.03  
 WATER COLUMN HEIGHT (feet) = 12.17 ACTUAL PURGE (L) = 2.5

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>5/18/09</u>	<u>0655</u>	<u>800</u>	<u>13.9</u>	<u>0.571</u>	<u>5.75</u>	<u>Clr</u>
<u>5/18/09</u>	<u>0658</u>	<u>500</u>	<u>13.8</u>	<u>0.568</u>	<u>5.81</u>	<u>Clr</u>
<u>5/18/09</u>	<u>0701</u>	<u>500</u>	<u>13.8</u>	<u>0.567</u>	<u>5.88</u>	<u>Clr</u>
<u>5/18/09</u>	<u>0704</u>	<u>500</u>	<u>13.8</u>	<u>0.567</u>	<u>5.91</u>	<u>Clr</u>
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

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

DEPTH TO PURGE INTAKE DURING PURGE: 16.00 SAMPLE DTW: 8.33

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: Fair WELL CASING CONDITION: Fair  
 WELL VAULT CONDITION: Fair SEAL PRESENT?: YES BOLTS PRESENT?: YES (2)  
 WELL INTEGRITY: Fair WELL TAG: YES LOCK#: \_\_\_\_\_

REMARKS: \_\_\_\_\_  
 \_\_\_\_\_

SIGNATURE: [Signature]



# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

PROJECT #: 212301523  
 CLIENT NAME: Kipp Eckert  
 LOCATION: 600 Westlake Avenue N Seattle, WA

PURGED BY: DAVE Reitz  
 SAMPLED BY: DAVE Reitz

WELL I.D.: MW-81  
 SAMPLE I.D.: MW-81

DATE PURGED 05/18/09 START (2400hr) 0735 END (2400hr) 0810  
 DATE SAMPLED \_\_\_\_\_ SAMPLE TIME (2400hr) 0750 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) = 20.10  
 DEPTH TO WATER (feet) = 7.62  
 WATER COLUMN HEIGHT (feet) = 12.48 ACTUAL PURGE (L) = 2.5

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
5/18/09	<u>0740</u>	<u>800</u>	<u>13.8</u>	<u>0.927</u>	<u>5.97</u>	<u>clr</u>
5/18/09	<u>0743</u>	<u>500</u>	<u>13.8</u>	<u>0.958</u>	<u>6.02</u>	<u>clr</u>
5/18/09	<u>0746</u>	<u>500</u>	<u>13.8</u>	<u>0.967</u>	<u>6.06</u>	<u>clr</u>
5/18/09	<u>0749</u>	<u>500</u>	<u>13.8</u>	<u>0.977</u>	<u>6.09</u>	<u>clr</u>
5/ /09	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

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

DEPTH TO PURGE INTAKE DURING PURGE: 18.00 SAMPLE DTW: 7.63

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 (3)  
 WELL INTEGRITY: Fair WELL TAG: YES LOCK#: YES

REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SIGNATURE: [Signature]

# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

PROJECT #: 212301523 PURGED BY: J. PAYNE WELL I.D.: MW-203  
 CLIENT NAME: Kipp Eckert SAMPLED BY: J. PAYNE SAMPLE I.D.: MW-203  
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 5.18.09 START (2400hr) 0736 END (2400hr) 0748  
 DATE SAMPLED 5.18.09 SAMPLE TIME (2400hr) 0748 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) = 17.10  
 DEPTH TO WATER (feet) = 7.00  
 WATER COLUMN HEIGHT (feet) = 10.10 ACTUAL PURGE (L) = 2.0

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
5/14/09	0736	0	-	-	-	-
5/1/09	0741	800	12.01	.333	6.97	CLEAR
5/1/09	0744	1600	12.17	.333	6.97	↓
5/1/09	0747	2000	12.17	.333	6.97	
5/1/09						
Calculated Variance of Final Three Samples:						
Acceptable Variance Limits:			≤10%	≤3%	≤0.1	

DEPTH TO PURGE INTAKE DURING PURGE: \_\_\_\_\_ SAMPLE DTW: 6.97

ANTICIPATED PURGE INTAKE DEPTH: \_\_\_\_\_ ANALYSES: TPH-g, TPH-d, TPH-o,  
Total Lead, Dissoived 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: EXC WELL CASING CONDITION: EXC  
 WELL VAULT CONDITION: EXC SEAL PRESENT?: Y BOLTS PRESENT?: Y  
 WELL INTEGRITY: EXC WELL TAG: N LOCK#: N

REMARKS: \_\_\_\_\_

SIGNATURE: [Signature] Page \_\_\_ of \_\_\_





# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

 PROJECT #: 212301523

 PURGED BY: DAVE Reitz

 WELL I.D.: C1-1

 CLIENT NAME: Kipp Eckert

 SAMPLED BY: DAVE Reitz

 SAMPLE I.D.: C1-1

 LOCATION: 600 Westlake Avenue N Seattle, WA

 DATE PURGED 05/18/09 START (2400hr) 0835 END (2400hr) 0910

 DATE SAMPLED 05/18/09 SAMPLE TIME (2400hr) 0850 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) = 30.00

 DEPTH TO WATER (feet) = 11.93

 WATER COLUMN HEIGHT (feet) = 18.07 ACTUAL PURGE (L) = 2.0

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>5/18/09</u>	<u>0840</u>	<u>800</u>	<u>14.8</u>	<u>0.158</u>	<u>6.04</u>	<u>Clr</u>
<u>5/18/09</u>	<u>0843</u>	<u>500</u>	<u>14.9</u>	<u>0.159</u>	<u>6.06</u>	<u>Clr</u>
<u>5/18/09</u>	<u>0846</u>	<u>500</u>	<u>15.0</u>	<u>0.162</u>	<u>6.07</u>	<u>Clr</u>
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: \_\_\_\_\_

Acceptable Variance Limits: ≤10% ≤3% ≤0.1

 DEPTH TO PURGE INTAKE DURING PURGE: 25.00 SAMPLE DTW: 12.20

 ANTICIPATED PURGE INTAKE DEPTH: 25.00 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 (3)

 WELL INTEGRITY: Fair

 WELL TAG: YES

 LOCK#: YES

 REMARKS: \_\_\_\_\_  
 \_\_\_\_\_

 SIGNATURE: [Signature]



# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

PROJECT #: 212301523

PURGED BY: Dave Reitz

WELL I.D.: MW-86

CLIENT NAME: Kipp Eckert

SAMPLED BY: Dave Reitz

SAMPLE I.D.: MW-86

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 05/18/09 START (2400hr) 0925 END (2400hr) 1000

DATE SAMPLED 05/18/09 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) = 27.90

DEPTH TO WATER (feet) = 11.02

WATER COLUMN HEIGHT (feet) = 16.88

ACTUAL PURGE (L) = 2.0

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>5/18/09</u>	<u>0930</u>	<u>800</u>	<u>14.5</u>	<u>0.169</u>	<u>6.10</u>	<u>Clr</u>
<u>5/18/09</u>	<u>0933</u>	<u>500</u>	<u>14.5</u>	<u>0.169</u>	<u>6.11</u>	<u>Clr</u>
<u>5/18/09</u>	<u>0936</u>	<u>500</u>	<u>14.5</u>	<u>0.170</u>	<u>6.14</u>	<u>Clr</u>
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Calculated Variance of Final Three Samples: \_\_\_\_\_

Acceptable Variance Limits: \_\_\_\_\_

≤10%

≤3%

≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: \_\_\_\_\_ SAMPLE DTW: 11.30

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: \_\_\_\_\_

WELL VAULT CONDITION: Fair

SEAL PRESENT?: yes BOLTS PRESENT?: yes (4)

WELL INTEGRITY: Fair

WELL TAG: yes LOCK#: yes

REMARKS: \_\_\_\_\_

SIGNATURE: [Signature]

# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

PROJECT #: 212301523 PURGED BY: J. PAYNE WELL I.D.: WW-44  
 CLIENT NAME: Kipp Eckert SAMPLED BY: J. PAYNE SAMPLE I.D.: WW-44  
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 5.14.09 START (2400hr) 1000 END (2400hr) 1012  
 DATE SAMPLED 5.18.09 SAMPLE TIME (2400hr) 1012 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) = 11.97

WATER COLUMN HEIGHT (feet) = 33.03

ACTUAL PURGE (L) = 2.0

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
5/16/09	1000	0	-	-	-	-
5/ /09	1005	400	15.85	.712	7.38	CLEAR
5/ /09	1008	1600	15.81	.711	7.38	↓
5/ /09	1011	2000	16.81	.706	7.38	↓
5/ /09						

Calculated Variance of Final Three Samples:

Acceptable Variance Limits:

≤10%

≤3%

≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: \_\_\_\_\_ SAMPLE DTW: 12.31

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: POOR

WELL CASING CONDITION: FAIR

WELL VAULT CONDITION: POOR

SEAL PRESENT?: Y

BOLTS PRESENT?: N

WELL INTEGRITY: POOR

WELL TAG: N

LOCK#: N

REMARKS: \_\_\_\_\_

SIGNATURE: [Signature]

# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

 PROJECT #: 212301523

 PURGED BY: DAVE REITZ

 WELL I.D.: MW-87

 CLIENT NAME: Kipp Eckert

 SAMPLED BY: DAVE REITZ

 SAMPLE I.D.: MW-87

 LOCATION: 600 Westlake Avenue N Seattle, WA

 DATE PURGED 05/18/09

 START (2400hr) 1005

 END (2400hr) 1040

 DATE SAMPLED 05/18/09

 SAMPLE TIME (2400hr) 1020

 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) = 10.92

 WATER COLUMN HEIGHT (feet) = 9.08

 ACTUAL PURGE (L) = 2.0

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
5/18/09	1010	800	14.2	0.137	5.60	Clr
5/18/09	1013	500	14.4	0.136	5.61	Clr
5/18/09	1016	500	14.6	0.137	5.62	Clr
5/ /09						
5/ /09						

Calculated Variance of Final Three Samples:

Acceptable Variance Limits:

≤10%

≤3%

≤0.1

 DEPTH TO PURGE INTAKE DURING PURGE: 16.00 SAMPLE DTW: 10.96

 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: Fair

WELL CASING CONDITION: \_\_\_\_\_

 WELL VAULT CONDITION: Fair

 SEAL PRESENT?: YES

 BOLTS PRESENT?: YES (4)

 WELL INTEGRITY: Fair

 WELL TAG: YES

 LOCK#: YES

REMARKS: \_\_\_\_\_

 SIGNATURE: [Signature]

# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

 PROJECT #: 212301523

 PURGED BY: DAVE REITZ

 WELL I.D.: MW-210

 CLIENT NAME: Kipp Eckert

 SAMPLED BY: DAVE REITZ

 SAMPLE I.D.: MW-210

 LOCATION: 600 Westlake Avenue N Seattle, WA

 DATE PURGED 05/18/09

 START (2400hr) 1110

 END (2400hr) 1145

 DATE SAMPLED 05/18/09

 SAMPLE TIME (2400hr) 1125

 LOW-FLOW USED X

 SAMPLE TYPE: Groundwater X

 Surface Water       

 Treatment Effluent       

 Other       

CASING DIAMETER:	2" <u>X</u>	3" <u>      </u>	4" <u>      </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) = 19.50

 DEPTH TO WATER (feet) = 8.61

 WATER COLUMN HEIGHT (feet) = 10.89

 ACTUAL PURGE (L) = 2.0

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
5/18/09	1115	800	14.7	0.736	5.66	Clr
5/18/09	1118	500	15.0	0.731	5.60	Clr
5/18/09	1121	500	14.8	0.735	5.66	Clr
5/ /09						
5/ /09						

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

 DEPTH TO PURGE INTAKE DURING PURGE: 18.00      SAMPLE DTW: 8.65

 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 (2)

 WELL INTEGRITY: Fair

 WELL TAG: YES      LOCK#: YES

 REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

 SIGNATURE: [Signature]









# SITE VISITATION REPORT

2Q09 Sampling Event - Former ConocoPhillips Service Station No. 255353, Seattle, WA

Name(s) Andrea Donnell  
David Reitz  
Jason Payne Date: 5/17/09 Time of Arrival Call-In: PM on-site @  
Arrival Time: 0610 Departure Time: \_\_\_\_\_ Time of Departure Call-In \_\_\_\_\_  
Weather Conditions Sunny ~65-70°F Who did you call? Jeff Thompson

## DRUM INVENTORY

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

## HEALTH AND SAFETY ASSESSMENT

Traffic control ; Heat, Hospital; Head on swivel; PPE; Pinch points;  
tool safety; slips, trips & falls; SWA.

## DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

0610 - Arrive on-site (Andrea), 0620 (David & Jason).  
0620 - Jason went to get ice  
0630 - Health & Safety meeting  
0655 - Jason & David set up to sample MW51 & MW55. while traffic  
control is set up along Mercer St (North side).  
0700 - David samples MW-51.  
0730 - Began sampling wells on N. side of Mercer St. lots of sediment  
in MW-18, MW-200 contained bentonite to top of monument cover.  
drug dealers across street, made everyone aware.  
0925: Jason began to set up at MW-202. while David finished MW-201.  
1015: Began to set up to sample MW-41 & MW-95. \*Near miss\*  
1045: Set up sampling on South side of Mercer St.  
12:00: Jason begins to set up sampling MW-45.  
1230: MW-207 is behind the construction fence. will sample Monday  
1240: Traffic control has left without checking out with us.  
We located traffic control.  
1245: Set up to sample MW-206, well was dry.  
~~00~~1:05 clean up sample equipment.  
1:25 call stantec PM & inform of Departure  
1:30 Depart

# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

PROJECT #: 212301523

PURGED BY: DAVE RITZ

WELL I.D.: MW-51

CLIENT NAME: Kipp Eckert

SAMPLED BY: DAVE RITZ

SAMPLE I.D.: MW-51

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 05/17/09 START (2400hr) 0700 END (2400hr) 0730

DATE SAMPLED 05/17/09 SAMPLE TIME (2400hr) 0715 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) = 15.30

DEPTH TO WATER (feet) = 12.97

WATER COLUMN HEIGHT (feet) = 2.33

ACTUAL PURGE (L) = 2.0

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>5/17/09</u>	<u>0705</u>	<u>800</u>	<u>14.4</u>	<u>0.175</u>	<u>5.55</u>	<u>Clr</u>
<u>5/17/09</u>	<u>0708</u>	<u>500</u>	<u>14.3</u>	<u>0.174</u>	<u>5.57</u>	<u>Clr</u>
<u>5/17/09</u>	<u>0711</u>	<u>500</u>	<u>14.2</u>	<u>0.171</u>	<u>5.63</u>	<u>Clr</u>
<u>5/ /09</u>						
<u>5/ /09</u>						

Calculated Variance of Final Three Samples:

Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 15.00 SAMPLE DTW: 14.80

ANTICIPATED PURGE INTAKE DEPTH: 15.00 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?: YBS

BOLTS PRESENT?: YBS

WELL INTEGRITY: Fair

WELL TAG: YBS

LOCK#: YBS

REMARKS: \_\_\_\_\_

SIGNATURE: [Signature]



# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

PROJECT #: 212301523 PURGED BY: DAVE REITZ WELL I.D.: MW-18  
 CLIENT NAME: Kipp Eckert SAMPLED BY: DAVE REITZ SAMPLE I.D.: MW-18  
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 05/17/09 START (2400hr) 0745 END (2400hr) 0815  
 DATE SAMPLED 05/17/09 SAMPLE TIME (2400hr) 0800 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) = 14.70  
 DEPTH TO WATER (feet) = 11.65  
 WATER COLUMN HEIGHT (feet) = 3.05 ACTUAL PURGE (L) = 2.0

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>5/17/09</u>	<u>0740</u>	<u>800</u>	<u>13.8</u>	<u>0.114</u>	<u>5.35</u>	<u>cldy</u>
<u>5/17/09</u>	<u>0753</u>	<u>500</u>	<u>13.8</u>	<u>0.114</u>	<u>5.35</u>	<u>cldy</u>
<u>5/17/09</u>	<u>0756</u>	<u>500</u>	<u>13.7</u>	<u>0.113</u>	<u>5.39</u>	<u>cldy</u>
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

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

DEPTH TO PURGE INTAKE DURING PURGE: 14.00 SAMPLE DTW: 12.90

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

REMARKS: Surface intrusion

SIGNATURE: [Signature]

# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

PROJECT #: 212301523 PURGED BY: J. PAYNE WELL I.D.: MW-37  
 CLIENT NAME: Kipp Eckert SAMPLED BY: J. PAYNE SAMPLE I.D.: MW-37  
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 5.17.09 START (2400hr) 0820 END (2400hr) 0932  
 DATE SAMPLED 5.17.09 SAMPLE TIME (2400hr) 0932 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) = 20.53  
 DEPTH TO WATER (feet) = 12.35  
 WATER COLUMN HEIGHT (feet) = 8.18 ACTUAL PURGE (L) = 2.0

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
5/17/09	0820	0	-	-	-	-
5/17/09	0825	800	14.76	782	6.98	CLEAR
5/17/09	0828	1600	14.73	818	6.98	↓
5/17/09	0831	2000	14.77	832	6.98	↓
5/17/09						

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

DEPTH TO PURGE INTAKE DURING PURGE: \_\_\_\_\_ SAMPLE DTW: 8.19

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, 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: POOR  
 WELL VAULT CONDITION: POOR SEAL PRESENT?: N BOLTS PRESENT?: X  
 WELL INTEGRITY: FAIR WELL TAG: N LOCK#: N

REMARKS: REPLACE CAP TO CASING

SIGNATURE: [Signature] Page \_\_\_ of \_\_\_











# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

41

PROJECT #: 212301523

PURGED BY: J. PAYNE

WELL I.D.: MW 72

CLIENT NAME: Kipp Eckert

SAMPLED BY: J. PAYNE

SAMPLE I.D.: MW 41

LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 5-17-09

START (2400hr) 1026

END (2400hr) 1038

DATE SAMPLED 5-17-09

SAMPLE TIME (2400hr) 1038

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) = 5.78 ↗

DEPTH TO WATER (feet) = 20.05 ↘

WATER COLUMN HEIGHT (feet) = 4.37

ACTUAL PURGE (L) = 2.0

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>5/17/09</u>	<u>1026</u>	<u>0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>5/17/09</u>	<u>1031</u>	<u>400</u>	<u>15.52</u>	<u>.903</u>	<u>7.01</u>	<u>CLEAR</u>
<u>5/17/09</u>	<u>1034</u>	<u>1600</u>	<u>15.63</u>	<u>.903</u>	<u>7.02</u>	<u>↓</u>
<u>5/17/09</u>	<u>1037</u>	<u>2000</u>	<u>15.61</u>	<u>.908</u>	<u>7.02</u>	<u>↓</u>
<u>5/17/09</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>
<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>

Calculated Variance of Final Three Samples:

Acceptable Variance Limits:

≤10%

≤3%

≤0.1

DEPTH TO PURGE INTAKE DURING PURGE:       

SAMPLE DTW: 15.82

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: POOR

WELL CASING CONDITION: FAIR

WELL VAULT CONDITION: POOR

SEAL PRESENT?: N

BOLTS PRESENT?: Y

WELL INTEGRITY: POOR

WELL TAG: N

LOCK#: Y

REMARKS: FILLED w/ BENTONITE NO SEAL

SIGNATURE: [Signature]

# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

PROJECT #: 212301523 PURGED BY: DAVE REITZ WELL I.D.: MW-95  
 CLIENT NAME: Kipp Eckert SAMPLED BY: DAVE REITZ SAMPLE I.D.: MW-95  
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 05/17/09 START (2400hr) 1030 END (2400hr) 1100  
 DATE SAMPLED 05/17/09 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) = 18.00  
 DEPTH TO WATER (feet) = 14.01  
 WATER COLUMN HEIGHT (feet) = 3.99 ACTUAL PURGE (L) = 2.5

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>5/17/09</u>	<u>1035</u>	<u>800</u>	<u>15.5</u>	<u>0.821</u>	<u>5.82</u>	<u>Clr</u>
<u>5/17/09</u>	<u>1038</u>	<u>500</u>	<u>15.7</u>	<u>0.822</u>	<u>5.86</u>	<u>Clr</u>
<u>5/17/09</u>	<u>1041</u>	<u>500</u>	<u>15.8</u>	<u>0.820</u>	<u>5.87</u>	<u>Clr</u>
<u>5/17/09</u>	<u>1044</u>	<u>500</u>	<u>15.9</u>	<u>0.811</u>	<u>5.88</u>	<u>Clr</u>
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

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

DEPTH TO PURGE INTAKE DURING PURGE: 16.00 SAMPLE DTW: 14.10

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: 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 1













# Stantec Consulting Corporation

## WATER SAMPLE FIELD DATA SHEET

PROJECT #: 212301523 PURGED BY: \_\_\_\_\_ WELL I.D.: MW-206  
 CLIENT NAME: Kipp Eckert SAMPLED BY: \_\_\_\_\_ SAMPLE I.D.: \_\_\_\_\_  
 LOCATION: 600 Westlake Avenue N Seattle, WA

DATE PURGED 05/17/09 START (2400hr) 1230 END (2400hr) 1240  
 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) = 11.60  
 DEPTH TO WATER (feet) = 10.80  
 WATER COLUMN HEIGHT (feet) = 0.80 ACTUAL PURGE (L) = \_\_\_\_\_

### FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
<u>5/17/09</u>	<u>1230</u>	_____	_____	_____	_____	_____
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
<u>5/ /09</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Well is dry -

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: 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:

# Chain Of Custody Record

**Test America**  
 11720 North Creek Pkwy N Suite 400  
 Bothell, WA 98011  
 (425) 420-9200

**INVOICE REMITTANCE ADDRESS:**  
 Stantec  
 Attn: Jeff Thompson  
 12034 134th CT, Suite 102  
 Redmond, WA 98052

Purchase Order # \_\_\_\_\_  
 ConocoPhillips AOC# \_\_\_\_\_  
 DATE: 5/17-18/09  
 PAGE: 1 of 4

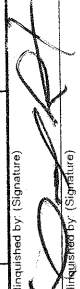
Valid Value ID: \_\_\_\_\_  
**STANTEC**  
 ADDRESS: 12034 134th CT Redmond, WA  
 PROJECT CONTACT (Hardcopy or PDF Report to): Jeff Thompson  
 TELEPHONE: (425) 372-1587 FAX: (425) 372-1650 E-MAIL: jeff.thompson@stantec.com  
 SAMPLER NAME(S) (P/P): DAVE REITZ / Jason Payne CONSULTANT PROJECT NUMBER: 212301523  
 TURNAROUND TIME (CALENDAR DAYS):  14 DAYS  7 DAYS  48 HOURS  24 HOURS  LESS THAN 24 HOURS  
 CONOCOPHILLIPS SITE NUMBER: AOC 01396  
 SITE ADDRESS (Street and City): 600 Westlake Avenue N, Seattle  
 EDF DELIVERABLE TO (RP or Designee): \_\_\_\_\_  
 PHONE NO.: \_\_\_\_\_  
 E-MAIL: \_\_\_\_\_  
 LAB USE ONLY

**REQUESTED ANALYSES**

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING		MATRIX	NO. OF CONT.	ANALYSES							TEMPERATURE ON RECEIPT °C		
			DATE	TIME			NWTPH-GX	NWTPH-DX	BTEX	MTBM	Naptharene	Kerosene	Total Lead		Dissolved lead	
	CI-1	CI-1	5/18/09	0850	GW	10	X	X	X	X	X	X	X	X	X	
	CI-2	CI-2	5/19/09	0930	GW	10	X	X	X	X	X	X	X	X	X	
	MW-18	MW-18	5/17/09	0800	GW	10	X	X	X	X	X	X	X	X	X	
	MW-19	MW-19	5/17/09	0845	GW	10	X	X	X	X	X	X	X	X	X	
	MW-37	MW-37	5/17/09	0832	GW	10	X	X	X	X	X	X	X	X	X	
	MW-38	MW-38	5/18/09	0708	GW	10	X	X	X	X	X	X	X	X	X	
	MW-40	MW-40	5/17/09	1147	GW	10	X	X	X	X	X	X	X	X	X	
	MW-41	MW-41	5/17/09	1038	GW	10	X	X	X	X	X	X	X	X	X	
	MW-44	MW-44	5/18/09	1012	GW	10	X	X	X	X	X	X	X	X	X	
	MW-45	MW-45	6/7/09	1222	GW	10	X	X	X	X	X	X	X	X	X	

**FIELD NOTES:**  
 Container/Preservative  
 or PID Readings  
 or Laboratory Notes

**SPECIAL INSTRUCTIONS OR NOTES:** CHECK BOX IF EDD IS NEEDED

Relinquished by (Signature):  Date: 05/19/09 Time: 1:00  
 Received by (Signature): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by (Signature): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# Chain Of Custody Record

Test America  
11720 North Creek Pkwy N Suite 400  
Bothell, WA 98011  
(425) 420-9200

INVOICE REMITTANCE ADDRESS:  
Stantec  
Attn: Jeff Thompson  
12034 134th CT, Suite 102  
Redmond, WA 98052

Purchase Order #  
ConocoPhillips AOC#  
1396  
GLOBAL ID NO.:

DATE: 5/17-18/09  
PAGE: 2 of 4

SAMPLING COMPANY:  
**STANTEC**  
Valid Value ID:  
AOC 01396  
SITE ADDRESS (Street and City):  
600 Westlake Avenue N, Seattle  
EDF DELIVERABLE TO (RP or Designee):  
E-MAIL:  
PHONE NO.:

CONOCOPHILLIPS SITE NUMBER  
AOC 01396  
ConocoPhillips Manager  
Kipp Eckert  
E-MAIL:  
LAB USE ONLY

TELEPHONE: (425) 372-1587  
FAX: (425) 372-1650  
E-MAIL: jeff.thompson@stantec.com  
SAMPLER NAME(S) (P, I, H):  
DAVE BEITZ / Jason Payne  
CONSULTANT PROJECT NUMBER  
212301523

REQUESTED ANALYSES

TURNAROUND TIME (CALENDAR DAYS):  
 14 DAYS  7 DAYS  72 HOURS  48 HOURS  LESS THAN 24 HOURS  
SPECIAL INSTRUCTIONS OR NOTES:  
CHECK BOX IF EDD IS NEEDED

FIELD NOTES:  
Container/Preservative  
or PID Readings  
or Laboratory Notes

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.	NWTPH-Gx	NWTPH-Dx	BTEX	MTBH	Napthalene	Kerosene	Total Lead	Dissolved lead	TEMPERATURE ON RECEIPT C°
	MW-51	MW-51	5/17/09	0715	GW	10	X	X	X	X	X	X	X	X	
	<del>MW-54</del>	<del>MW-54</del>			GW		X	X	X	X	X	X	X	X	
	<del>MW-55</del>	<del>MW-55</del>			GW		X	X	X	X	X	X	X	X	
	MW-71	MW-71	5/17/09	1125	GW	10	X	X	X	X	X	X	X	X	
	MW-72	MW-72	5/17/09	1114	GW	10	X	X	X	X	X	X	X	X	
	MW-73	MW-73	5/17/09	1205	GW	10	X	X	X	X	X	X	X	X	
	MW-80	MW-80	5/18/09	0705	GW	10	X	X	X	X	X	X	X	X	
	MW-81	MW-81	5/18/09	0750	GW	10	X	X	X	X	X	X	X	X	
	MW-86	MW-86	5/18/09	0940	GW	10	X	X	X	X	X	X	X	X	
	MW-87	MW-87	5/18/09	1020	GW	10	X	X	X	X	X	X	X	X	

Date: 05/19/09  
Time: 1020

Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Relinquished by (Signature): 

Received by (Signature): \_\_\_\_\_

Relinquished by (Signature): \_\_\_\_\_

Received by (Signature): \_\_\_\_\_

Relinquished by (Signature): \_\_\_\_\_

Received by (Signature): \_\_\_\_\_

5/19/03 Revision

# Chain Of Custody Record

Test America  
 11720 North Creek Pkwy N Suite 400  
 Bothell, WA 98011  
 (425) 420-9200

INVOICE REMITTANCE ADDRESS:  
 Stantec  
 Attn: Jeff Thompson  
 12034 134th CT, Suite 102  
 Redmond, WA 98052

Purchase Order #  
 ConocoPhillips AOC#  
 1396

DATE: 5/17/09  
 PAGE: 3 of 4

Valid Value ID:  
 CONOCOPHILLIPS SITE NUMBER  
 AOC 01396

SITE ADDRESS (Street and City):  
 600 Westlake Avenue N, Seattle  
 EDI DELIVERABLE TO (RP or Designee):

ConocoPhillips Manager  
 Kipp Eckert  
 E-MAIL:  
 PHONE NO.:

LAB USE ONLY

REQUESTED ANALYSES

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE TIME		MATRIX	NO. OF CONT.	NWTPH-GX	NWTPH-DX	BTEX	MTRM	Naphthalene	Kerosene	Total Lead	Dissolved lead	TEMPERATURE ON RECEIPT C°
			DATE	TIME											
	MW-95	MW-95	5/17/09	10:45	GW	10	X	X	X	X	X	X	X	X	
	MW-200	MW-200	5-17-09	09:09	GW	10	X	X	X	X	X	X	X	X	
	MW-201	MW-201	5/17/09	09:30	GW	10	X	X	X	X	X	X	X	X	
	MW-202	MW-202	5/17/09	09:47	GW	10	X	X	X	X	X	X	X	X	
	MW-203	MW-203	5/18/09	07:48	GW	10	X	X	X	X	X	X	X	X	
	MW-206	MW-206			GW		X	X	X	X	X	X	X	X	
	MW-207	MW-207			GW		X	X	X	X	X	X	X	X	
	MW-208	MW-208	5/17/09	07:55	GW	10	X	X	X	X	X	X	X	X	
	MW-209	MW-209			GW		X	X	X	X	X	X	X	X	
	MW-210	MW-210	5/18/09	11:25	GW	10	X	X	X	X	X	X	X	X	

FIELD NOTES:  
 Container/Preservative  
 or PID Readings  
 or Laboratory Notes

SPECIAL INSTRUCTIONS OR NOTES:  
 CHECK BOX IF EDD IS NEEDED

TURNAROUND TIME (CALENDAR DAYS):  
 14 DAYS  7 DAYS  48 HOURS  24 HOURS  LESS THAN 24 HOURS

RECEIVED BY (Signature)  
 Received by (Signature)

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RECEIVED BY (Signature)  
 Received by (Signature)

Date: 05/19/09  
 Time: 1000



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

June 12, 2009

Jeff Thompson  
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 05/19/09 17:30.  
The following list is a summary of the Work Orders contained in this report, generated on 06/12/09  
09:32.

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

---

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
BSE0208	COP Westlake	AOC 01396

---

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TestAmerica Seattle



Curtis D. Armstrong, 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.*





<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	<b>COP Westlake</b>	Report Created:
	Project Number:	AOC 01396	06/12/09 09:32
	Project Manager:	Jeff Thompson	

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CI-1	BSE0208-01	Water	05/18/09 08:50	05/19/09 17:30
CI-2	BSE0208-02	Water	05/18/09 09:30	05/19/09 17:30
MW-18	BSE0208-03	Water	05/17/09 08:00	05/19/09 17:30
MW-19	BSE0208-04	Water	05/17/09 08:45	05/19/09 17:30
MW-37	BSE0208-05	Water	05/17/09 08:32	05/19/09 17:30
MW-38	BSE0208-06	Water	05/18/09 07:08	05/19/09 17:30
MW-40	BSE0208-07	Water	05/17/09 11:47	05/19/09 17:30
MW-41	BSE0208-08	Water	05/17/09 10:38	05/19/09 17:30
MW-44	BSE0208-09	Water	05/18/09 10:12	05/19/09 17:30
MW-45	BSE0208-10	Water	05/17/09 12:22	05/19/09 17:30
MW-51	BSE0208-11	Water	05/17/09 07:15	05/19/09 17:30
MW-71	BSE0208-12	Water	05/17/09 11:25	05/19/09 17:30
MW-72	BSE0208-13	Water	05/17/09 11:14	05/19/09 17:30
MW-73	BSE0208-14	Water	05/17/09 12:05	05/19/09 17:30
MW-80	BSE0208-15	Water	05/18/09 07:05	05/19/09 17:30
MW-81	BSE0208-16	Water	05/18/09 07:50	05/19/09 17:30
MW-86	BSE0208-17	Water	05/18/09 09:40	05/19/09 17:30
MW-87	BSE0208-18	Water	05/18/09 10:20	05/19/09 17:30
MW-95	BSE0208-19	Water	05/17/09 10:45	05/19/09 17:30
MW-200	BSE0208-20	Water	05/17/09 09:08	05/19/09 17:30
MW-201	BSE0208-21	Water	05/17/09 09:30	05/19/09 17:30
MW-202	BSE0208-22	Water	05/17/09 09:47	05/19/09 17:30
MW-203	BSE0208-23	Water	05/18/09 07:48	05/19/09 17:30
MW-208	BSE0208-24	Water	05/17/09 07:55	05/19/09 17:30
MW-210	BSE0208-25	Water	05/18/09 11:25	05/19/09 17:30
MW-211	BSE0208-26	Water	05/18/09 08:32	05/19/09 17:30

TestAmerica Seattle



Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: <b>COP Westlake</b> Project Number: AOC 01396 Project Manager: Jeff Thompson	Report Created: 06/12/09 09:32
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**Analytical Case Narrative**  
TestAmerica - Seattle, WA

**BSE0208**

SAMPLE RECEIPT

The samples were received 05/19/09 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 5.7 degrees Celsius.

PREPARATIONS AND ANALYSIS

Volatile Organic Compounds by EPA Method 8260B

Sample BSE0208-18 (MW-87) required reanalysis past the method specific holding time for Benzene do to instrument contamination.

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, Project Manager

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PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Petroleum Products by NWTPH-Gx**  
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-01 (CI-1)</b>		<b>Water</b>			<b>Sampled: 05/18/09 08:50</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 09:28	
Surrogate(s): 4-BFB (FID)		86.3%			70 - 145 % "					
<b>BSE0208-02 (CI-2)</b>		<b>Water</b>			<b>Sampled: 05/18/09 09:30</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 10:33	
Surrogate(s): 4-BFB (FID)		86.7%			70 - 145 % "					
<b>BSE0208-03 (MW-18)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:00</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	<b>3370</b>	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 11:38	
Surrogate(s): 4-BFB (FID)		102%			70 - 145 % "					
<b>BSE0208-04 (MW-19)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:45</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	<b>61200</b>	----	2500	ug/l	50x	9E21003	05/21/09 06:40	05/21/09 23:34	
Surrogate(s): 4-BFB (FID)		90.9%			70 - 145 % 1x					
<b>BSE0208-05 (MW-37)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:32</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	<b>1840</b>	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 12:43	
Surrogate(s): 4-BFB (FID)		117%			70 - 145 % "					
<b>BSE0208-06 (MW-38)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:08</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 12:11	
Surrogate(s): 4-BFB (FID)		85.2%			70 - 145 % "					
<b>BSE0208-07 (MW-40)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:47</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	<b>281</b>	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 14:54	
Surrogate(s): 4-BFB (FID)		106%			70 - 145 % "					
<b>BSE0208-08 (MW-41)</b>		<b>Water</b>			<b>Sampled: 05/17/09 10:38</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 15:26	
Surrogate(s): 4-BFB (FID)		85.9%			70 - 145 % "					

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PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Petroleum Products by NWTPH-Gx**  
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-09 (MW-44)</b>		<b>Water</b>			<b>Sampled: 05/18/09 10:12</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 15:58	
Surrogate(s): 4-BFB (FID)		86.7%		70 - 145 %		"				"
<b>BSE0208-10 (MW-45)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:22</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	176	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 16:31	
Surrogate(s): 4-BFB (FID)		94.6%		70 - 145 %		"				"
<b>BSE0208-11 (MW-51)</b>		<b>Water</b>			<b>Sampled: 05/17/09 07:15</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 17:04	
Surrogate(s): 4-BFB (FID)		84.7%		70 - 145 %		"				"
<b>BSE0208-12 (MW-71)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:25</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	13400	----	500	ug/l	10x	9E21003	05/21/09 06:40	05/21/09 23:01	
Surrogate(s): 4-BFB (FID)		125%		70 - 145 %		1x				"
<b>BSE0208-13 (MW-72)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:14</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	786	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 17:36	
Surrogate(s): 4-BFB (FID)		127%		70 - 145 %		"				"
<b>BSE0208-14 (MW-73)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:05</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	1510	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 19:14	
Surrogate(s): 4-BFB (FID)		225%		70 - 145 %		"				ZX
<b>BSE0208-15 (MW-80)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:05</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 18:09	
Surrogate(s): 4-BFB (FID)		85.7%		70 - 145 %		"				"
<b>BSE0208-16 (MW-81)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:50</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21003	05/21/09 06:40	05/21/09 18:41	
Surrogate(s): 4-BFB (FID)		85.5%		70 - 145 %		"				"

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Curtis D. Armstrong, Project Manager

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PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

## Volatile Petroleum Products by NWTPH-Gx

TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-17 (MW-86)</b>		<b>Water</b>		<b>Sampled: 05/18/09 09:40</b>						
Gasoline Range Hydrocarbons	NWTPH-Gx	<b>10300</b>	----	250	ug/l	5x	9E21003	05/21/09 06:40	05/21/09 19:46	
Surrogate(s): 4-BFB (FID)			137%		70 - 145 %	1x				"
<b>BSE0208-18 (MW-87)</b>		<b>Water</b>		<b>Sampled: 05/18/09 10:20</b>						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21005	05/21/09 07:15	05/21/09 23:32	
Surrogate(s): 4-BFB (FID)			86.1%		70 - 145 %	"				"
<b>BSE0208-19 (MW-95)</b>		<b>Water</b>		<b>Sampled: 05/17/09 10:45</b>						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21005	05/21/09 07:15	05/22/09 00:05	
Surrogate(s): 4-BFB (FID)			85.4%		70 - 145 %	"				"
<b>BSE0208-20RE1 (MW-200)</b>		<b>Water</b>		<b>Sampled: 05/17/09 09:08</b>						
Gasoline Range Hydrocarbons	NWTPH-Gx	<b>7160</b>	----	250	ug/l	5x	9E22033	05/22/09 14:43	05/22/09 22:09	
Surrogate(s): 4-BFB (FID)			121%		70 - 145 %	1x				"
<b>BSE0208-21 (MW-201)</b>		<b>Water</b>		<b>Sampled: 05/17/09 09:30</b>						
Gasoline Range Hydrocarbons	NWTPH-Gx	<b>173</b>	----	50.0	ug/l	1x	9E21005	05/21/09 07:15	05/21/09 10:51	
Surrogate(s): 4-BFB (FID)			91.9%		70 - 145 %	"				"
<b>BSE0208-22 (MW-202)</b>		<b>Water</b>		<b>Sampled: 05/17/09 09:47</b>						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21005	05/21/09 07:15	05/21/09 11:57	
Surrogate(s): 4-BFB (FID)			85.0%		70 - 145 %	"				"
<b>BSE0208-23 (MW-203)</b>		<b>Water</b>		<b>Sampled: 05/18/09 07:48</b>						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21005	05/21/09 07:15	05/21/09 13:03	
Surrogate(s): 4-BFB (FID)			86.3%		70 - 145 %	"				"
<b>BSE0208-24 (MW-208)</b>		<b>Water</b>		<b>Sampled: 05/17/09 07:55</b>						
Gasoline Range Hydrocarbons	NWTPH-Gx	<b>18000</b>	----	1000	ug/l	20x	9E21005	05/21/09 07:15	05/21/09 18:34	
Surrogate(s): 4-BFB (FID)			103%		70 - 145 %	1x				"

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**Volatile Petroleum Products by NWTPH-Gx**  
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-25 (MW-210)</b>		<b>Water</b>			<b>Sampled: 05/18/09 11:25</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21005	05/21/09 07:15	05/21/09 16:55	
<i>Surrogate(s): 4-BFB (FID)</i>			86.2%		70 - 145 %	"				"
<b>BSE0208-26 (MW-211)</b>		<b>Water</b>			<b>Sampled: 05/18/09 08:32</b>					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	9E21005	05/21/09 07:15	05/21/09 17:28	
<i>Surrogate(s): 4-BFB (FID)</i>			85.5%		70 - 145 %	"				"

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**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
<b>BSE0208-01 (CI-1)</b>		<b>Water</b>			<b>Sampled: 05/18/09 08:50</b>					
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 17:05	
Kerosene	"	ND	----	0.243	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>			74.4%		53 - 125 %	"				"
<i>Octacosane</i>			100%		68 - 125 %	"				"
<b>BSE0208-02 (CI-2)</b>		<b>Water</b>			<b>Sampled: 05/18/09 09:30</b>					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 17:29	
Kerosene	"	ND	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>			81.7%		53 - 125 %	"				"
<i>Octacosane</i>			104%		68 - 125 %	"				"
<b>BSE0208-03 (MW-18)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:00</b>					
Lube Oil	NWTPH-Dx	<b>4.32</b>	----	0.515	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 17:53	
Kerosene	"	<b>0.695</b>	----	0.258	"	"	"	"	"	<b>Q1</b>
Diesel Range Hydrocarbons	"	<b>1.22</b>	----	0.258	"	"	"	"	"	<b>Q6</b>
<i>Surrogate(s): 2-FBP</i>			63.2%		53 - 125 %	"				"
<i>Octacosane</i>			78.0%		68 - 125 %	"				"
<b>BSE0208-04 (MW-19)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:45</b>					
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 18:17	
Diesel Range Hydrocarbons	"	<b>2.14</b>	----	0.243	"	"	"	"	"	<b>Q5</b>
<i>Surrogate(s): 2-FBP</i>			92.6%		53 - 125 %	"				"
<i>Octacosane</i>			107%		68 - 125 %	"				"
<b>BSE0208-04RE1 (MW-19)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:45</b>					
Kerosene	NWTPH-Dx	<b>20.9</b>	----	2.43	mg/l	10x	9E21008	05/21/09 08:47	05/27/09 11:28	<b>Q1</b>
<i>Surrogate(s): 2-FBP</i>			92.2%		53 - 125 %	"				"
<i>Octacosane</i>			107%		68 - 125 %	"				"

TestAmerica Seattle



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**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
<b>BSE0208-05 (MW-37)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:32</b>					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 18:41	
<b>Kerosene</b>	"	<b>0.459</b>	----	0.236	"	"	"	"	"	<b>Q1</b>
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				83.0%		53 - 125 %	"		"	
<i>Octacosane</i>				103%		68 - 125 %	"		"	
<b>BSE0208-06 (MW-38)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:08</b>					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 19:05	
Kerosene	"	ND	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				81.7%		53 - 125 %	"		"	
<i>Octacosane</i>				103%		68 - 125 %	"		"	
<b>BSE0208-07 (MW-40)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:47</b>					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 19:29	
Kerosene	"	ND	----	0.238	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				81.8%		53 - 125 %	"		"	
<i>Octacosane</i>				102%		68 - 125 %	"		"	
<b>BSE0208-08 (MW-41)</b>		<b>Water</b>			<b>Sampled: 05/17/09 10:38</b>					
Lube Oil	NWTPH-Dx	ND	----	0.500	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 21:29	
Diesel Range Hydrocarbons	"	ND	----	0.250	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				72.8%		53 - 125 %	"		"	
<i>Octacosane</i>				94.4%		68 - 125 %	"		"	
<b>BSE0208-08RE1 (MW-41)</b>		<b>Water</b>			<b>Sampled: 05/17/09 10:38</b>					
Kerosene	NWTPH-Dx	ND	----	0.250	mg/l	1x	9E21008	05/21/09 08:47	05/26/09 16:39	
<i>Surrogate(s): 2-FBP</i>				73.4%		53 - 125 %	"		"	
<i>Octacosane</i>				95.3%		68 - 125 %	"		"	

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**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
<b>BSE0208-09 (MW-44)</b>		<b>Water</b>			<b>Sampled: 05/18/09 10:12</b>					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 21:53	
Diesel Range Hydrocarbons	"	ND	----	0.238	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>			73.3%		53 - 125 %	"				"
<i>Octacosane</i>			99.8%		68 - 125 %	"				"
<b>BSE0208-09RE1 (MW-44)</b>		<b>Water</b>			<b>Sampled: 05/18/09 10:12</b>					
Kerosene	NWTPH-Dx	ND	----	0.238	mg/l	1x	9E21008	05/21/09 08:47	05/26/09 17:03	
<i>Surrogate(s): 2-FBP</i>			73.7%		53 - 125 %	"				"
<i>Octacosane</i>			100%		68 - 125 %	"				"
<b>BSE0208-10 (MW-45)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:22</b>					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 22:17	
<b>Diesel Range Hydrocarbons</b>	"	<b>0.428</b>	----	0.238	"	"	"	"	"	<b>Q5</b>
<i>Surrogate(s): 2-FBP</i>			85.7%		53 - 125 %	"				"
<i>Octacosane</i>			102%		68 - 125 %	"				"
<b>BSE0208-10RE1 (MW-45)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:22</b>					
<b>Kerosene</b>	NWTPH-Dx	<b>0.431</b>	----	0.238	mg/l	1x	9E21008	05/21/09 08:47	05/26/09 17:27	<b>Q1</b>
<i>Surrogate(s): 2-FBP</i>			87.1%		53 - 125 %	"				"
<i>Octacosane</i>			104%		68 - 125 %	"				"
<b>BSE0208-11 (MW-51)</b>		<b>Water</b>			<b>Sampled: 05/17/09 07:15</b>					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 22:41	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>			83.5%		53 - 125 %	"				"
<i>Octacosane</i>			99.6%		68 - 125 %	"				"
<b>BSE0208-11RE1 (MW-51)</b>		<b>Water</b>			<b>Sampled: 05/17/09 07:15</b>					
Kerosene	NWTPH-Dx	ND	----	0.240	mg/l	1x	9E21008	05/21/09 08:47	05/26/09 17:51	
<i>Surrogate(s): 2-FBP</i>			85.7%		53 - 125 %	"				"
<i>Octacosane</i>			102%		68 - 125 %	"				"

TestAmerica Seattle



Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: <b>COP Westlake</b> Project Number: AOC 01396 Project Manager: Jeff Thompson	Report Created: 06/12/09 09:32
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**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
<b>BSE0208-12 (MW-71)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:25</b>					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 23:05	
<b>Diesel Range Hydrocarbons</b>	"	<b>1.38</b>	----	0.240	"	"	"	"	"	<b>Q5</b>
<i>Surrogate(s): 2-FBP</i>				90.0%		53 - 125 %	"		"	
<i>Octacosane</i>				107%		68 - 125 %	"		"	
<b>BSE0208-12RE1 (MW-71)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:25</b>					
<b>Kerosene</b>	NWTPH-Dx	<b>5.82</b>	----	1.20	mg/l	5x	9E21008	05/21/09 08:47	05/26/09 20:41	<b>Q1</b>
<i>Surrogate(s): 2-FBP</i>				93.7%		53 - 125 %	"		"	
<i>Octacosane</i>				113%		68 - 125 %	"		"	
<b>BSE0208-13 (MW-72)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:14</b>					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 23:29	
<b>Diesel Range Hydrocarbons</b>	"	<b>0.634</b>	----	0.238	"	"	"	"	"	<b>Q1</b>
<i>Surrogate(s): 2-FBP</i>				148%		53 - 125 %	"		"	<b>ZX</b>
<i>Octacosane</i>				106%		68 - 125 %	"		"	
<b>BSE0208-13RE1 (MW-72)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:14</b>					
<b>Kerosene</b>	NWTPH-Dx	<b>0.962</b>	----	0.238	mg/l	1x	9E21008	05/21/09 08:47	05/26/09 21:05	<b>Q1</b>
<i>Surrogate(s): 2-FBP</i>				154%		53 - 125 %	"		"	<b>ZX</b>
<i>Octacosane</i>				110%		68 - 125 %	"		"	
<b>BSE0208-14 (MW-73)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:05</b>					
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	9E21008	05/21/09 08:47	05/22/09 23:52	
<b>Diesel Range Hydrocarbons</b>	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				90.0%		53 - 125 %	"		"	
<i>Octacosane</i>				106%		68 - 125 %	"		"	
<b>BSE0208-14RE1 (MW-73)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:05</b>					
<b>Kerosene</b>	NWTPH-Dx	<b>0.430</b>	----	0.243	mg/l	1x	9E21008	05/21/09 08:47	05/26/09 21:29	<b>Q1</b>
<i>Surrogate(s): 2-FBP</i>				90.3%		53 - 125 %	"		"	
<i>Octacosane</i>				106%		68 - 125 %	"		"	

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: <b>COP Westlake</b> Project Number: AOC 01396 Project Manager: Jeff Thompson	Report Created: 06/12/09 09:32
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**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
<b>BSE0208-15 (MW-80)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:05</b>					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	9E21008	05/21/09 08:47	05/23/09 00:16	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>			77.9%		53 - 125 %	"				"
<i>Octacosane</i>			101%		68 - 125 %	"				"
<b>BSE0208-15RE1 (MW-80)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:05</b>					
Kerosene	NWTPH-Dx	ND	----	0.240	mg/l	1x	9E21008	05/21/09 08:47	05/26/09 21:53	
<i>Surrogate(s): 2-FBP</i>			80.6%		53 - 125 %	"				"
<i>Octacosane</i>			104%		68 - 125 %	"				"
<b>BSE0208-16 (MW-81)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:50</b>					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	9E21008	05/21/09 08:47	05/23/09 00:40	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>			86.9%		53 - 125 %	"				"
<i>Octacosane</i>			109%		68 - 125 %	"				"
<b>BSE0208-16RE1 (MW-81)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:50</b>					
Kerosene	NWTPH-Dx	ND	----	0.240	mg/l	1x	9E21008	05/21/09 08:47	05/26/09 22:17	
<i>Surrogate(s): 2-FBP</i>			85.1%		53 - 125 %	"				"
<i>Octacosane</i>			107%		68 - 125 %	"				"
<b>BSE0208-17RE2 (MW-86)</b>		<b>Water</b>			<b>Sampled: 05/18/09 09:40</b>					
Lube Oil	NWTPH-Dx	ND	----	0.485	mg/l	1x	9E28018	05/28/09 11:20	05/28/09 20:30	
<b>Kerosene</b>	"	<b>0.767</b>	----	0.243	"	"	"	"	"	<b>Q1</b>
Diesel Range Hydrocarbons	"	ND	----	0.243	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>			80.9%		53 - 125 %	"				"
<i>Octacosane</i>			85.1%		68 - 125 %	"				"
<b>BSE0208-18 (MW-87)</b>		<b>Water</b>			<b>Sampled: 05/18/09 10:20</b>					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	9E21008	05/21/09 08:47	05/26/09 23:05	
Kerosene	"	ND	----	0.240	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>			88.0%		53 - 125 %	"				"
<i>Octacosane</i>			105%		68 - 125 %	"				"

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**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
<b>BSE0208-19 (MW-95)</b>		<b>Water</b>			<b>Sampled: 05/17/09 10:45</b>					
Lube Oil	NWTPH-Dx	ND	----	0.481	mg/l	1x	9E21008	05/21/09 08:47	05/27/09 01:04	
Kerosene	"	ND	----	0.240	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.240	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				85.1%		53 - 125 %	"			"
<i>Octacosane</i>				108%		68 - 125 %	"			"
<b>BSE0208-20 (MW-200)</b>		<b>Water</b>			<b>Sampled: 05/17/09 09:08</b>					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	9E21008	05/21/09 08:47	05/27/09 01:28	
<b>Kerosene</b>	"	<b>1.82</b>	----	0.238	"	"	"	"	"	<b>Q1</b>
<b>Diesel Range Hydrocarbons</b>	"	<b>0.396</b>	----	0.238	"	"	"	"	"	<b>Q5</b>
<i>Surrogate(s): 2-FBP</i>				93.5%		53 - 125 %	"			"
<i>Octacosane</i>				110%		68 - 125 %	"			"
<b>BSE0208-21 (MW-201)</b>		<b>Water</b>			<b>Sampled: 05/17/09 09:30</b>					
Lube Oil	NWTPH-Dx	ND	----	0.495	mg/l	1x	9E21009	05/21/09 08:48	05/27/09 01:52	
Kerosene	"	ND	----	0.248	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.248	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				82.1%		53 - 125 %	"			"
<i>Octacosane</i>				104%		68 - 125 %	"			"
<b>BSE0208-22 (MW-202)</b>		<b>Water</b>			<b>Sampled: 05/17/09 09:47</b>					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	9E21009	05/21/09 08:48	05/27/09 02:15	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				82.9%		53 - 125 %	"			"
<i>Octacosane</i>				106%		68 - 125 %	"			"
<b>BSE0208-23 (MW-203)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:48</b>					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	9E21009	05/21/09 08:48	05/27/09 02:39	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				83.7%		53 - 125 %	"			"
<i>Octacosane</i>				106%		68 - 125 %	"			"

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	<b>Project Name: COP Westlake</b> <b>Project Number: AOC 01396</b> <b>Project Manager: Jeff Thompson</b>	<b>Report Created: 06/12/09 09:32</b>
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**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
<b>BSE0208-24 (MW-208)</b>		<b>Water</b>			<b>Sampled: 05/17/09 07:55</b>					
Lube Oil	NWTPH-Dx	ND	----	0.476	mg/l	1x	9E21009	05/21/09 08:48	05/27/09 03:03	
<b>Diesel Range Hydrocarbons</b>	"	<b>0.652</b>	----	0.238	"	"	"	"	"	<b>Q5</b>
<i>Surrogate(s): 2-FBP</i>				72.7%		53 - 125 %	"			"
<i>Octacosane</i>				96.3%		68 - 125 %	"			"
<b>BSE0208-24RE1 (MW-208)</b>		<b>Water</b>			<b>Sampled: 05/17/09 07:55</b>					
<b>Kerosene</b>	NWTPH-Dx	<b>7.33</b>	----	1.19	mg/l	5x	9E21009	05/21/09 08:48	05/27/09 11:53	<b>Q1</b>
<i>Surrogate(s): 2-FBP</i>				70.6%		53 - 125 %	"			"
<i>Octacosane</i>				93.5%		68 - 125 %	"			"
<b>BSE0208-25 (MW-210)</b>		<b>Water</b>			<b>Sampled: 05/18/09 11:25</b>					
Lube Oil	NWTPH-Dx	ND	----	0.490	mg/l	1x	9E21009	05/21/09 08:48	05/27/09 09:05	
Kerosene	"	ND	----	0.245	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.245	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				62.8%		53 - 125 %	"			"
<i>Octacosane</i>				101%		68 - 125 %	"			"
<b>BSE0208-26 (MW-211)</b>		<b>Water</b>			<b>Sampled: 05/18/09 08:32</b>					
Lube Oil	NWTPH-Dx	ND	----	0.472	mg/l	1x	9E21009	05/21/09 08:48	05/27/09 09:29	
Kerosene	"	ND	----	0.236	"	"	"	"	"	
Diesel Range Hydrocarbons	"	ND	----	0.236	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>				88.2%		53 - 125 %	"			"
<i>Octacosane</i>				112%		68 - 125 %	"			"

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: <b>COP Westlake</b> Project Number: AOC 01396 Project Manager: Jeff Thompson	Report Created: 06/12/09 09:32
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**Total Metals by EPA 6000/7000 Series Methods**  
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-01 (CI-1)</b>		<b>Water</b>			<b>Sampled: 05/18/09 08:50</b>					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 11:14	
<b>BSE0208-02 (CI-2)</b>		<b>Water</b>			<b>Sampled: 05/18/09 09:30</b>					
Lead	EPA 6020	<b>0.00172</b>	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 13:32	
<b>BSE0208-03 (MW-18)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:00</b>					
Lead	EPA 6020	<b>0.0931</b>	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 13:39	
<b>BSE0208-04 (MW-19)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:45</b>					
Lead	EPA 6020	<b>0.0283</b>	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 14:04	
<b>BSE0208-05 (MW-37)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:32</b>					
Lead	EPA 6020	<b>0.00137</b>	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 14:10	
<b>BSE0208-06 (MW-38)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:08</b>					
Lead	EPA 6020	<b>0.00171</b>	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 14:16	
<b>BSE0208-07 (MW-40)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:47</b>					
Lead	EPA 6020	<b>0.00464</b>	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 14:23	
<b>BSE0208-08 (MW-41)</b>		<b>Water</b>			<b>Sampled: 05/17/09 10:38</b>					
Lead	EPA 6020	<b>0.00205</b>	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 14:29	
<b>BSE0208-09 (MW-44)</b>		<b>Water</b>			<b>Sampled: 05/18/09 10:12</b>					
Lead	EPA 6020	<b>0.00101</b>	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 14:35	
<b>BSE0208-10 (MW-45)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:22</b>					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 16:16	
<b>BSE0208-11 (MW-51)</b>		<b>Water</b>			<b>Sampled: 05/17/09 07:15</b>					
Lead	EPA 6020	<b>0.00236</b>	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/26/09 08:11	

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	<b>Project Name: COP Westlake</b> <b>Project Number: AOC 01396</b> <b>Project Manager: Jeff Thompson</b>	<b>Report Created:</b> 06/12/09 09:32
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**Total Metals by EPA 6000/7000 Series Methods**  
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-12 (MW-71)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:25</b>					
Lead	EPA 6020	0.00221	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 16:48	
<b>BSE0208-13 (MW-72)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:14</b>					
Lead	EPA 6020	0.00214	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 16:54	
<b>BSE0208-14 (MW-73)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:05</b>					
Lead	EPA 6020	0.00534	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 17:00	
<b>BSE0208-15 (MW-80)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:05</b>					
Lead	EPA 6020	0.00283	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 17:06	
<b>BSE0208-16 (MW-81)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:50</b>					
Lead	EPA 6020	0.00327	----	0.00100	mg/l	1x	9E22004	05/22/09 06:14	05/22/09 17:13	
<b>BSE0208-17 (MW-86)</b>		<b>Water</b>			<b>Sampled: 05/18/09 09:40</b>					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	9E22013	05/22/09 10:23	05/26/09 21:01	
<b>BSE0208-18 (MW-87)</b>		<b>Water</b>			<b>Sampled: 05/18/09 10:20</b>					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	9E22013	05/22/09 10:23	05/26/09 21:07	
<b>BSE0208-19 (MW-95)</b>		<b>Water</b>			<b>Sampled: 05/17/09 10:45</b>					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	9E22013	05/22/09 10:23	05/26/09 21:32	
<b>BSE0208-20 (MW-200)</b>		<b>Water</b>			<b>Sampled: 05/17/09 09:08</b>					
Lead	EPA 6020	0.0104	----	0.00100	mg/l	1x	9E22013	05/22/09 10:23	05/26/09 21:39	
<b>BSE0208-21 (MW-201)</b>		<b>Water</b>			<b>Sampled: 05/17/09 09:30</b>					
Lead	EPA 6020	0.0118	----	0.00100	mg/l	1x	9E22013	05/22/09 10:23	05/26/09 21:45	
<b>BSE0208-22 (MW-202)</b>		<b>Water</b>			<b>Sampled: 05/17/09 09:47</b>					
Lead	EPA 6020	0.0129	----	0.00100	mg/l	1x	9E22013	05/22/09 10:23	05/26/09 21:51	

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: <b>COP Westlake</b> Project Number: AOC 01396 Project Manager: Jeff Thompson	Report Created: 06/12/09 09:32
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**Total Metals by EPA 6000/7000 Series Methods**  
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-23 (MW-203)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:48</b>					
Lead	EPA 6020	<b>0.00403</b>	----	0.00100	mg/l	1x	9E22013	05/22/09 10:23	05/26/09 21:57	
<b>BSE0208-24 (MW-208)</b>		<b>Water</b>			<b>Sampled: 05/17/09 07:55</b>					
Lead	EPA 6020	<b>0.00384</b>	----	0.00100	mg/l	1x	9E22013	05/22/09 10:23	05/26/09 22:04	
<b>BSE0208-25 (MW-210)</b>		<b>Water</b>			<b>Sampled: 05/18/09 11:25</b>					
Lead	EPA 6020	ND	----	0.00100	mg/l	1x	9E22013	05/22/09 10:23	05/26/09 22:16	
<b>BSE0208-26 (MW-211)</b>		<b>Water</b>			<b>Sampled: 05/18/09 08:32</b>					
Lead	EPA 6020	<b>0.00472</b>	----	0.00100	mg/l	1x	9E22013	05/22/09 10:23	05/26/09 22:23	

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: <b>COP Westlake</b> Project Number: AOC 01396 Project Manager: Jeff Thompson	Report Created: 06/12/09 09:32
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**Dissolved Metals by EPA 6000/7000 Series Methods**  
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-01 (CI-1)</b>		<b>Water</b>			<b>Sampled: 05/18/09 08:50</b>					<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/21/09 23:44	
<b>BSE0208-02 (CI-2)</b>		<b>Water</b>			<b>Sampled: 05/18/09 09:30</b>					<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/21/09 23:50	
<b>BSE0208-03 (MW-18)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:00</b>					<b>P7</b>
Lead	EPA 6020 - Diss	<b>0.00477</b>	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/21/09 23:57	
<b>BSE0208-04 (MW-19)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:45</b>					<b>P7</b>
Lead	EPA 6020 - Diss	<b>0.00141</b>	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/22/09 00:03	
<b>BSE0208-05 (MW-37)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:32</b>					<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/22/09 00:09	
<b>BSE0208-06 (MW-38)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:08</b>					<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/22/09 00:16	
<b>BSE0208-07 (MW-40)</b>		<b>Water</b>			<b>Sampled: 05/17/09 11:47</b>					<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/22/09 00:22	
<b>BSE0208-08 (MW-41)</b>		<b>Water</b>			<b>Sampled: 05/17/09 10:38</b>					<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/22/09 00:28	
<b>BSE0208-09 (MW-44)</b>		<b>Water</b>			<b>Sampled: 05/18/09 10:12</b>					<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/22/09 00:35	
<b>BSE0208-10 (MW-45)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:22</b>					<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/22/09 00:41	
<b>BSE0208-11 (MW-51)</b>		<b>Water</b>			<b>Sampled: 05/17/09 07:15</b>					<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/22/09 01:06	

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	<b>Project Name: COP Westlake</b> <b>Project Number: AOC 01396</b> <b>Project Manager: Jeff Thompson</b>	<b>Report Created: 06/12/09 09:32</b>
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**Dissolved Metals by EPA 6000/7000 Series Methods**  
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-12 (MW-71)</b>		<b>Water</b>				<b>Sampled: 05/17/09 11:25</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/22/09 01:13	
<b>BSE0208-13 (MW-72)</b>		<b>Water</b>				<b>Sampled: 05/17/09 11:14</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E21023	05/21/09 12:23	05/22/09 01:19	
<b>BSE0208-14 (MW-73)</b>		<b>Water</b>				<b>Sampled: 05/17/09 12:05</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 13:01	
<b>BSE0208-15 (MW-80)</b>		<b>Water</b>				<b>Sampled: 05/18/09 07:05</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 17:19	
<b>BSE0208-16 (MW-81)</b>		<b>Water</b>				<b>Sampled: 05/18/09 07:50</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 17:25	
<b>BSE0208-17 (MW-86)</b>		<b>Water</b>				<b>Sampled: 05/18/09 09:40</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 17:31	
<b>BSE0208-18 (MW-87)</b>		<b>Water</b>				<b>Sampled: 05/18/09 10:20</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 17:38	
<b>BSE0208-19 (MW-95)</b>		<b>Water</b>				<b>Sampled: 05/17/09 10:45</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 17:44	
<b>BSE0208-20 (MW-200)</b>		<b>Water</b>				<b>Sampled: 05/17/09 09:08</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 18:09	
<b>BSE0208-21 (MW-201)</b>		<b>Water</b>				<b>Sampled: 05/17/09 09:30</b>				<b>P7</b>
Lead	EPA 6020 - Diss	<b>0.00128</b>	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 18:15	
<b>BSE0208-22 (MW-202)</b>		<b>Water</b>				<b>Sampled: 05/17/09 09:47</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 18:22	

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: <b>COP Westlake</b> Project Number: AOC 01396 Project Manager: Jeff Thompson	Report Created: 06/12/09 09:32
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**Dissolved Metals by EPA 6000/7000 Series Methods**  
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-23 (MW-203)</b>		<b>Water</b>				<b>Sampled: 05/18/09 07:48</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 18:28	
<b>BSE0208-24 (MW-208)</b>		<b>Water</b>				<b>Sampled: 05/17/09 07:55</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 18:34	
<b>BSE0208-25 (MW-210)</b>		<b>Water</b>				<b>Sampled: 05/18/09 11:25</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 18:41	
<b>BSE0208-26 (MW-211)</b>		<b>Water</b>				<b>Sampled: 05/18/09 08:32</b>				<b>P7</b>
Lead	EPA 6020 - Diss	ND	----	0.00100	mg/l	1x	9E22007	05/22/09 08:00	05/22/09 18:47	

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-01 (CI-1)</b>		<b>Water</b>			<b>Sampled: 05/18/09 08:50</b>					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E21014	05/21/09 11:57	05/21/09 18:59	
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%		80 - 120 %	"			"
<i>Toluene-d8</i>				106%		80 - 120 %	"			"
<i>4-BFB</i>				100%		80 - 120 %	"			"
<b>BSE0208-02 (CI-2)</b>		<b>Water</b>			<b>Sampled: 05/18/09 09:30</b>					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E21014	05/21/09 11:57	05/21/09 20:54	
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	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				109%		80 - 120 %	"			"
<i>Toluene-d8</i>				105%		80 - 120 %	"			"
<i>4-BFB</i>				99.5%		80 - 120 %	"			"
<b>BSE0208-03 (MW-18)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:00</b>					
<b>Ethylbenzene</b>	EPA 8260B	<b>29.4</b>	----	0.500	ug/l	1x	9E21014	05/21/09 11:57	05/21/09 21:22	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
<b>Naphthalene</b>	"	<b>62.6</b>	----	5.00	"	"	"	"	"	
<b>Toluene</b>	"	<b>3.95</b>	----	0.500	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				101%		80 - 120 %	"			"
<i>Toluene-d8</i>				103%		80 - 120 %	"			"
<i>4-BFB</i>				86.2%		80 - 120 %	"			"

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-03RE1 (MW-18)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:00</b>					
<b>Benzene</b>	EPA 8260B	<b>281</b>	----	10.0	ug/l	20x	9E22019	05/22/09 13:06	05/22/09 22:27	
<b>o-Xylene</b>	"	<b>65.4</b>	----	20.0	"	"	"	"	"	
<b>m,p-Xylene</b>	"	<b>192</b>	----	40.0	"	"	"	"	"	
<b>Xylenes (total)</b>	"	<b>258</b>	----	60.0	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				<i>109%</i>		<i>80 - 120 %</i>	<i>1x</i>			<i>"</i>
<i>Toluene-d8</i>				<i>104%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>4-BFB</i>				<i>94.4%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<b>BSE0208-04RE1 (MW-19)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:45</b>					
<b>Benzene</b>	EPA 8260B	<b>202</b>	----	20.0	ug/l	40x	9E22019	05/22/09 13:06	05/22/09 22:56	
<b>Ethylbenzene</b>	"	<b>343</b>	----	20.0	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				<i>109%</i>		<i>80 - 120 %</i>	<i>1x</i>			<i>"</i>
<i>Toluene-d8</i>				<i>105%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>4-BFB</i>				<i>89.8%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<b>BSE0208-04RE2 (MW-19)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:45</b>					
<b>Methyl tert-butyl ether</b>	EPA 8260B	<b>ND</b>	----	1.00	ug/l	1x	9E28011	05/28/09 12:06	05/28/09 22:36	
<b>Naphthalene</b>	"	<b>63.7</b>	----	5.00	"	"	"	"	"	
<b>Toluene</b>	"	<b>37.6</b>	----	0.500	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				<i>108%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>Toluene-d8</i>				<i>110%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>4-BFB</i>				<i>143%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>ZX</i>
<b>BSE0208-04RE3 (MW-19)</b>		<b>Water</b>			<b>Sampled: 05/17/09 08:45</b>					
<b>o-Xylene</b>	EPA 8260B	<b>2970</b>	----	80.0	ug/l	80x	9E27005	05/27/09 09:00	05/27/09 14:54	
<b>m,p-Xylene</b>	"	<b>9330</b>	----	160	"	"	"	"	"	
<b>Xylenes (total)</b>	"	<b>12300</b>	----	240	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				<i>112%</i>		<i>80 - 120 %</i>	<i>1x</i>			<i>"</i>
<i>Toluene-d8</i>				<i>110%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>
<i>4-BFB</i>				<i>92.4%</i>		<i>80 - 120 %</i>	<i>"</i>			<i>"</i>

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: <b>COP Westlake</b> Project Number: AOC 01396 Project Manager: Jeff Thompson	Report Created: 06/12/09 09:32
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**Volatile Organic Compounds by EPA Method 8260B**  
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-05 (MW-37)</b>	<b>Water</b>			<b>Sampled: 05/17/09 08:32</b>						
<b>Benzene</b>	EPA 8260B	<b>12.5</b>	----	0.500	ug/l	1x	9E21014	05/21/09 11:57	05/21/09 22:19	
<b>Ethylbenzene</b>	"	<b>35.5</b>	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
<b>Naphthalene</b>	"	<b>16.3</b>	----	5.00	"	"	"	"	"	
<b>Toluene</b>	"	<b>2.37</b>	----	0.500	"	"	"	"	"	

<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>	<i>102%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>101%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>4-BFB</i>	<i>93.8%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>	<i>"</i>

<b>BSE0208-05RE2 (MW-37)</b>	<b>Water</b>			<b>Sampled: 05/17/09 08:32</b>						
<b>o-Xylene</b>	EPA 8260B	<b>37.8</b>	----	10.0	ug/l	10x	9E22019	05/22/09 13:06	05/22/09 21:59	
<b>m,p-Xylene</b>	"	<b>161</b>	----	20.0	"	"	"	"	"	
<b>Xylenes (total)</b>	"	<b>199</b>	----	30.0	"	"	"	"	"	

<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>	<i>110%</i>	<i>80 - 120 %</i>	<i>1x</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>104%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>4-BFB</i>	<i>95.1%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>	<i>"</i>

<b>BSE0208-06 (MW-38)</b>	<b>Water</b>			<b>Sampled: 05/18/09 07:08</b>						
<b>Benzene</b>	EPA 8260B	ND	----	0.500	ug/l	1x	9E22019	05/22/09 13:06	05/22/09 17:41	
<b>Ethylbenzene</b>	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
<b>Naphthalene</b>	"	ND	----	5.00	"	"	"	"	"	
<b>Toluene</b>	"	ND	----	0.500	"	"	"	"	"	
<b>o-Xylene</b>	"	ND	----	1.00	"	"	"	"	"	
<b>m,p-Xylene</b>	"	ND	----	2.00	"	"	"	"	"	
<b>Xylenes (total)</b>	"	ND	----	3.00	"	"	"	"	"	

<i>Surrogate(s):</i>	<i>1,2-DCA-d4</i>	<i>108%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>Toluene-d8</i>	<i>104%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>	<i>"</i>
	<i>4-BFB</i>	<i>99.2%</i>	<i>80 - 120 %</i>	<i>"</i>	<i>"</i>	<i>"</i>

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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BSE0208-07 (MW-40)		Water			Sampled: 05/17/09 11:47					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E22019	05/22/09 13:06	05/22/09 18:10	
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%		80 - 120 %	"			"
<i>Toluene-d8</i>				104%		80 - 120 %	"			"
<i>4-BFB</i>				99.0%		80 - 120 %	"			"

BSE0208-08 (MW-41)		Water			Sampled: 05/17/09 10:38					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E27005	05/27/09 09:00	05/27/09 13:00	
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>				112%		80 - 120 %	"			"
<i>Toluene-d8</i>				109%		80 - 120 %	"			"
<i>4-BFB</i>				102%		80 - 120 %	"			"

BSE0208-09 (MW-44)		Water			Sampled: 05/18/09 10:12					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E27005	05/27/09 09:00	05/27/09 15:23	
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	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				111%		80 - 120 %	"			"
<i>Toluene-d8</i>				110%		80 - 120 %	"			"
<i>4-BFB</i>				103%		80 - 120 %	"			"

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**Volatile Organic Compounds by EPA Method 8260B**  
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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<b>BSE0208-10 (MW-45)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:22</b>					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E27005	05/27/09 09:00	05/27/09 15:52	
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>				111%		80 - 120 %	"			"
<i>Toluene-d8</i>				110%		80 - 120 %	"			"
<i>4-BFB</i>				100%		80 - 120 %	"			"

<b>BSE0208-10RE1 (MW-45)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:22</b>					
<b>Naphthalene</b>	EPA 8260B	<b>97.9</b>	----	50.0	ug/l	10x	9E28011	05/28/09 12:06	05/28/09 17:50	
<i>Surrogate(s): 1,2-DCA-d4</i>				110%		80 - 120 %	1x			"
<i>Toluene-d8</i>				109%		80 - 120 %	"			"
<i>4-BFB</i>				104%		80 - 120 %	"			"

<b>BSE0208-11 (MW-51)</b>		<b>Water</b>			<b>Sampled: 05/17/09 07:15</b>					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E22019	05/22/09 13:06	05/22/09 21:30	
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>				112%		80 - 120 %	"			"
<i>Toluene-d8</i>				105%		80 - 120 %	"			"
<i>4-BFB</i>				99.0%		80 - 120 %	"			"

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**Volatile Organic Compounds by EPA Method 8260B**  
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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BSE0208-12 (MW-71)		Water			Sampled: 05/17/09 11:25					
Methyl tert-butyl ether	EPA 8260B	ND	----	1.00	ug/l	1x	9E27005	05/27/09 09:00	05/27/09 16:20	
<b>Toluene</b>	"	<b>2.38</b>	----	0.500	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				118%	80 - 120 %	"				
<i>Toluene-d8</i>				109%	80 - 120 %	"				
<i>4-BFB</i>				79.6%	80 - 120 %	"				<b>ZX</b>

BSE0208-12RE1 (MW-71)		Water			Sampled: 05/17/09 11:25					
<b>Benzene</b>	EPA 8260B	<b>104</b>	----	10.0	ug/l	20x	9E28011	05/28/09 12:06	05/28/09 18:18	
<b>Ethylbenzene</b>	"	<b>260</b>	----	10.0	"	"	"	"	"	
<b>Naphthalene</b>	"	<b>151</b>	----	100	"	"	"	"	"	
<b>o-Xylene</b>	"	ND	----	20.0	"	"	"	"	"	
<b>m,p-Xylene</b>	"	<b>194</b>	----	40.0	"	"	"	"	"	
<b>Xylenes (total)</b>	"	<b>201</b>	----	60.0	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				112%	80 - 120 %	1x				
<i>Toluene-d8</i>				108%	80 - 120 %	"				
<i>4-BFB</i>				95.7%	80 - 120 %	"				

BSE0208-13 (MW-72)		Water			Sampled: 05/17/09 11:14					
<b>Benzene</b>	EPA 8260B	<b>3.55</b>	----	0.500	ug/l	1x	9E27005	05/27/09 09:00	05/27/09 16:49	
<b>Ethylbenzene</b>	"	<b>24.1</b>	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
<b>Naphthalene</b>	"	<b>8.92</b>	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
<b>o-Xylene</b>	"	ND	----	1.00	"	"	"	"	"	
<b>m,p-Xylene</b>	"	ND	----	2.00	"	"	"	"	"	
<b>Xylenes (total)</b>	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				108%	80 - 120 %	"				
<i>Toluene-d8</i>				108%	80 - 120 %	"				
<i>4-BFB</i>				99.1%	80 - 120 %	"				

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B**  
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-14 (MW-73)</b>		<b>Water</b>			<b>Sampled: 05/17/09 12:05</b>					
Benzene	EPA 8260B	<b>9.97</b>	----	0.500	ug/l	1x	9E27005	05/27/09 09:00	05/27/09 17:17	
Ethylbenzene	"	<b>0.730</b>	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	
<b>Toluene</b>	"	<b>1.00</b>	----	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>111%</i>	<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>				<i>108%</i>	<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>4-BFB</i>				<i>99.3%</i>	<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<b>BSE0208-15 (MW-80)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:05</b>					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E27005	05/27/09 09:00	05/27/09 17:46	
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>				<i>109%</i>	<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>				<i>108%</i>	<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>4-BFB</i>				<i>102%</i>	<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<b>BSE0208-16 (MW-81)</b>		<b>Water</b>			<b>Sampled: 05/18/09 07:50</b>					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E27005	05/27/09 09:00	05/27/09 18:15	
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>109%</i>	<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>Toluene-d8</i>				<i>107%</i>	<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<i>4-BFB</i>				<i>102%</i>	<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

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**Volatile Organic Compounds by EPA Method 8260B**  
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
<b>BSE0208-17 (MW-86)</b>		<b>Water</b>		<b>Sampled: 05/18/09 09:40</b>							
Ethylbenzene	EPA 8260B	<b>87.7</b>	----	0.500	ug/l	1x	9E27005	05/27/09 09:00	05/27/09 18:43		
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	"	
Naphthalene	"	ND	----	5.00	"	"	"	"	"	"	
<b>Toluene</b>	"	<b>22.4</b>	----	0.500	"	"	"	"	"	"	
<b>o-Xylene</b>	"	<b>17.7</b>	----	1.00	"	"	"	"	"	"	
<b>m,p-Xylene</b>	"	<b>77.3</b>	----	2.00	"	"	"	"	"	"	
<b>Xylenes (total)</b>	"	<b>95.0</b>	----	3.00	"	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				112%		80 - 120 %	"			"	
<i>Toluene-d8</i>				107%		80 - 120 %	"			"	
<i>4-BFB</i>				98.6%		80 - 120 %	"			"	
<b>BSE0208-17RE1 (MW-86)</b>		<b>Water</b>		<b>Sampled: 05/18/09 09:40</b>							
<b>Benzene</b>	EPA 8260B	<b>3380</b>	----	20.0	ug/l	40x	9E28011	05/28/09 12:06	05/28/09 18:47		
<i>Surrogate(s): 1,2-DCA-d4</i>				109%		80 - 120 %	1x			"	
<i>Toluene-d8</i>				109%		80 - 120 %	"			"	
<i>4-BFB</i>				103%		80 - 120 %	"			"	
<b>BSE0208-18 (MW-87)</b>		<b>Water</b>		<b>Sampled: 05/18/09 10:20</b>							
Ethylbenzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E27005	05/27/09 09:00	05/27/09 19:12		
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	"	"	"	"	"	"	
<b>Xylenes (total)</b>	"	<b>ND</b>	----	3.00	"	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				107%		80 - 120 %	"			"	
<i>Toluene-d8</i>				108%		80 - 120 %	"			"	
<i>4-BFB</i>				102%		80 - 120 %	"			"	
<b>BSE0208-18RE1 (MW-87)</b>		<b>Water</b>		<b>Sampled: 05/18/09 10:20</b>							<b>H</b>
<b>Benzene</b>	EPA 8260B	ND	----	0.500	ug/l	1x	9F04007	06/04/09 06:44	06/05/09 01:20		
<i>Surrogate(s): 1,2-DCA-d4</i>				102%		80 - 120 %	"			"	
<i>Toluene-d8</i>				101%		80 - 120 %	"			"	
<i>4-BFB</i>				101%		80 - 120 %	"			"	

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**Volatile Organic Compounds by EPA Method 8260B**  
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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BSE0208-19 (MW-95)		Water			Sampled: 05/17/09 10:45					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E28011	05/28/09 12:06	05/28/09 19:44	
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>				110%		80 - 120 %	"			"
<i>Toluene-d8</i>				108%		80 - 120 %	"			"
<i>4-BFB</i>				104%		80 - 120 %	"			"

BSE0208-20 (MW-200)		Water			Sampled: 05/17/09 09:08					
<b>Benzene</b>	EPA 8260B	<b>71.4</b>	----	0.500	ug/l	1x	9E28011	05/28/09 12:06	05/28/09 20:13	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
<b>Toluene</b>	"	<b>3.72</b>	----	0.500	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				111%		80 - 120 %	"			"
<i>Toluene-d8</i>				107%		80 - 120 %	"			"
<i>4-BFB</i>				84.0%		80 - 120 %	"			"

BSE0208-20RE1 (MW-200)		Water			Sampled: 05/17/09 09:08					
<b>Ethylbenzene</b>	EPA 8260B	<b>224</b>	----	10.0	ug/l	20x	9E29003	05/29/09 11:19	05/29/09 19:13	
<b>Naphthalene</b>	"	<b>273</b>	----	100	"	"	"	"	"	
<b>o-Xylene</b>	"	<b>65.6</b>	----	20.0	"	"	"	"	"	
<b>m,p-Xylene</b>	"	<b>298</b>	----	40.0	"	"	"	"	"	
<b>Xylenes (total)</b>	"	<b>363</b>	----	60.0	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				108%		80 - 120 %	1x			"
<i>Toluene-d8</i>				106%		80 - 120 %	"			"
<i>4-BFB</i>				98.2%		80 - 120 %	"			"

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	Report Created:
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	06/12/09 09:32

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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BSE0208-21 (MW-201)		Water			Sampled: 05/17/09 09:30					
Benzene	EPA 8260B	12.4	----	0.500	ug/l	1x	9E28011	05/28/09 12:06	05/28/09 20:41	
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%		80 - 120 %	"			"
<i>Toluene-d8</i>				107%		80 - 120 %	"			"
<i>4-BFB</i>				103%		80 - 120 %	"			"

BSE0208-21RE1 (MW-201)		Water			Sampled: 05/17/09 09:30					
Ethylbenzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E29003	05/29/09 11:19	05/29/09 18:45	
<i>Surrogate(s): 1,2-DCA-d4</i>				107%		80 - 120 %	"			"
<i>Toluene-d8</i>				106%		80 - 120 %	"			"
<i>4-BFB</i>				104%		80 - 120 %	"			"

BSE0208-22 (MW-202)		Water			Sampled: 05/17/09 09:47					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E28011	05/28/09 12:06	05/28/09 21:10	
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>				110%		80 - 120 %	"			"
<i>Toluene-d8</i>				109%		80 - 120 %	"			"
<i>4-BFB</i>				103%		80 - 120 %	"			"

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**Volatile Organic Compounds by EPA Method 8260B**  
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
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BSE0208-23 (MW-203)		Water			Sampled: 05/18/09 07:48					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E28011	05/28/09 12:06	05/28/09 21:38	
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>				110%		80 - 120 %	"			"
<i>Toluene-d8</i>				107%		80 - 120 %	"			"
<i>4-BFB</i>				104%		80 - 120 %	"			"

BSE0208-24 (MW-208)		Water			Sampled: 05/17/09 07:55					
<b>Benzene</b>	EPA 8260B	<b>4.72</b>	----	0.500	ug/l	1x	9E28011	05/28/09 12:06	05/28/09 22:07	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
<b>Toluene</b>	"	<b>6.26</b>	----	0.500	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				123%		80 - 120 %	"			ZX
<i>Toluene-d8</i>				111%		80 - 120 %	"			"
<i>4-BFB</i>				82.8%		80 - 120 %	"			"

BSE0208-24RE1 (MW-208)		Water			Sampled: 05/17/09 07:55					
<b>Ethylbenzene</b>	EPA 8260B	<b>700</b>	----	20.0	ug/l	40x	9E29003	05/29/09 11:19	05/29/09 19:42	
<b>Naphthalene</b>	"	<b>274</b>	----	200	"	"	"	"	"	
<b>o-Xylene</b>	"	<b>238</b>	----	40.0	"	"	"	"	"	
<b>m,p-Xylene</b>	"	<b>1870</b>	----	80.0	"	"	"	"	"	
<b>Xylenes (total)</b>	"	<b>2100</b>	----	120	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>				107%		80 - 120 %	1x			"
<i>Toluene-d8</i>				107%		80 - 120 %	"			"
<i>4-BFB</i>				97.3%		80 - 120 %	"			"

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**Volatile Organic Compounds by EPA Method 8260B**  
TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>BSE0208-25 (MW-210)</b>		<b>Water</b>			<b>Sampled: 05/18/09 11:25</b>					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E29003	05/29/09 11:19	05/29/09 20:10	
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>80 - 120 %</i>	<i>"</i>				<i>"</i>
	<i>Toluene-d8</i>		<i>107%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
	<i>4-BFB</i>		<i>101%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
<b>BSE0208-26 (MW-211)</b>		<b>Water</b>			<b>Sampled: 05/18/09 08:32</b>					
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	9E29003	05/29/09 11:19	05/29/09 20:39	
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>80 - 120 %</i>	<i>"</i>				<i>"</i>
	<i>Toluene-d8</i>		<i>107%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>
	<i>4-BFB</i>		<i>103%</i>		<i>80 - 120 %</i>	<i>"</i>				<i>"</i>

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

**QC Batch: 9E21003      Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E21003-BLK1)</b>													<b>Extracted: 05/21/09 06:40</b>	
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	05/21/09 08:07	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 84.3%</i>		<i>Limits: 70-145%</i>		<i>"</i>							05/21/09 08:07	
<b>LCS (9E21003-BS1)</b>													<b>Extracted: 05/21/09 06:40</b>	
Gasoline Range Hydrocarbons	NWTPH-Gx	1120	---	50.0	ug/l	1x	--	1000	112%	(80-120)	--	--	05/21/09 08:40	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 94.8%</i>		<i>Limits: 70-145%</i>		<i>"</i>							05/21/09 08:40	
<b>Duplicate (9E21003-DUP1)</b>													<b>QC Source: BSE0208-01      Extracted: 05/21/09 06:40</b>	
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR (25)		05/21/09 10:01	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 86.2%</i>		<i>Limits: 70-145%</i>		<i>"</i>							05/21/09 10:01	
<b>Duplicate (9E21003-DUP2)</b>													<b>QC Source: BSE0208-02      Extracted: 05/21/09 06:40</b>	
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR (25)		05/21/09 11:06	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 85.3%</i>		<i>Limits: 70-145%</i>		<i>"</i>							05/21/09 11:06	
<b>Matrix Spike (9E21003-MS1)</b>													<b>QC Source: BSE0208-01      Extracted: 05/21/09 06:40</b>	
Gasoline Range Hydrocarbons	NWTPH-Gx	1180	---	50.0	ug/l	1x	ND	1000	118%	(70-135)	--	--	05/21/09 13:16	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 95.1%</i>		<i>Limits: 70-145%</i>		<i>"</i>							05/21/09 13:16	

**QC Batch: 9E21005      Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E21005-BLK1)</b>													<b>Extracted: 05/21/09 07:15</b>	
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	05/21/09 09:11	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 84.7%</i>		<i>Limits: 70-145%</i>		<i>"</i>							05/21/09 09:11	
<b>LCS (9E21005-BS1)</b>													<b>Extracted: 05/21/09 07:15</b>	
Gasoline Range Hydrocarbons	NWTPH-Gx	962	---	50.0	ug/l	1x	--	1000	96.2%	(80-120)	--	--	05/21/09 09:44	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 93.6%</i>		<i>Limits: 70-145%</i>		<i>"</i>							05/21/09 09:44	
<b>Duplicate (9E21005-DUP1)</b>													<b>QC Source: BSE0208-21      Extracted: 05/21/09 07:15</b>	
Gasoline Range Hydrocarbons	NWTPH-Gx	166	---	50.0	ug/l	1x	173	--	--	--	4.01% (25)		05/21/09 11:24	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 92.1%</i>		<i>Limits: 70-145%</i>		<i>"</i>							05/21/09 11:24	
<b>Duplicate (9E21005-DUP2)</b>													<b>QC Source: BSE0208-22      Extracted: 05/21/09 07:15</b>	
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	ND	--	--	--	NR (25)		05/21/09 12:30	
<i>Surrogate(s): 4-BFB (FID)</i>		<i>Recovery: 84.9%</i>		<i>Limits: 70-145%</i>		<i>"</i>							05/21/09 12:30	

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

**QC Batch: 9E21005      Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Matrix Spike (9E21005-MS1)</b>			QC Source: BSE0208-21				Extracted: 05/21/09 07:15							
Gasoline Range Hydrocarbons	NWTPH-Gx	1140	---	50.0	ug/l	1x	173	1000	96.2%	(70-135)	--	--	05/21/09 13:36	
Surrogate(s): 4-BFB (FID)		Recovery: 96.6%		Limits: 70-145%		"		05/21/09 13:36						

**QC Batch: 9E22033      Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E22033-BLK1)</b>			QC Source: BSE0245-05				Extracted: 05/22/09 14:43							
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	05/22/09 17:16	
Surrogate(s): 4-BFB (FID)		Recovery: 85.7%		Limits: 70-145%		"		05/22/09 17:16						

<b>LCS (9E22033-BS1)</b>			QC Source: BSE0245-05				Extracted: 05/22/09 14:43							
Gasoline Range Hydrocarbons	NWTPH-Gx	1040	---	50.0	ug/l	1x	--	1000	104%	(80-120)	--	--	05/22/09 21:04	
Surrogate(s): 4-BFB (FID)		Recovery: 94.5%		Limits: 70-145%		"		05/22/09 21:04						

<b>Matrix Spike (9E22033-MS1)</b>			QC Source: BSE0245-05				Extracted: 05/22/09 14:43							
Gasoline Range Hydrocarbons	NWTPH-Gx	724	---	50.0	ug/l	1x	ND	1000	72.4%	(70-135)	--	--	05/23/09 08:24	
Surrogate(s): 4-BFB (FID)		Recovery: 89.6%		Limits: 70-145%		"		05/23/09 08:24						

<b>Matrix Spike Dup (9E22033-MSD1)</b>			QC Source: BSE0245-05				Extracted: 05/22/09 14:43							
Gasoline Range Hydrocarbons	NWTPH-Gx	715	---	50.0	ug/l	1x	ND	1000	71.5%	(70-135)	1.23% (25)		05/23/09 08:57	
Surrogate(s): 4-BFB (FID)		Recovery: 89.7%		Limits: 70-145%		"		05/23/09 08:57						

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

**QC Batch: 9E21008      Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E21008-BLK1)</b>													<b>Extracted: 05/21/09 08:47</b>	
Lube Oil	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	05/22/09 15:53	
Kerosene	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
Diesel Range Hydrocarbons	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery: 97.5%</i>		<i>Limits: 53-125%</i>		<i>"</i>						<i>05/22/09 15:53</i>		
<i>Octacosane</i>		<i>108%</i>		<i>68-125%</i>		<i>"</i>						<i>"</i>		

<b>LCS (9E21008-BS1)</b>													<b>Extracted: 05/21/09 08:47</b>		<b>MNR1</b>
Lube Oil	NWTPH-Dx	1.97	---	0.500	mg/l	1x	--	2.00	98.3%	(60-125)	--	--	05/22/09 16:17		
Diesel Range Hydrocarbons	"	2.15	---	0.250	"	"	--	"	107%	(61-132)	--	--	"		
<i>Surrogate(s): 2-FBP</i>		<i>Recovery: 90.7%</i>		<i>Limits: 53-125%</i>		<i>"</i>						<i>05/22/09 16:17</i>			
<i>Octacosane</i>		<i>103%</i>		<i>68-125%</i>		<i>"</i>						<i>"</i>			

<b>LCS Dup (9E21008-BSD1)</b>													<b>Extracted: 05/21/09 08:47</b>	
Lube Oil	NWTPH-Dx	2.02	---	0.500	mg/l	1x	--	2.00	101%	(60-125)	2.48%	(50)	05/22/09 16:41	
Diesel Range Hydrocarbons	"	2.09	---	0.250	"	"	--	"	104%	(61-132)	2.83%	(35)	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery: 86.6%</i>		<i>Limits: 53-125%</i>		<i>"</i>						<i>05/22/09 16:41</i>		
<i>Octacosane</i>		<i>103%</i>		<i>68-125%</i>		<i>"</i>						<i>"</i>		

**QC Batch: 9E21009      Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E21009-BLK1)</b>													<b>Extracted: 05/21/09 08:48</b>	
Lube Oil	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	05/26/09 19:29	
Kerosene	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
Diesel Range Hydrocarbons	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery: 83.0%</i>		<i>Limits: 53-125%</i>		<i>"</i>						<i>05/26/09 19:29</i>		
<i>Octacosane</i>		<i>102%</i>		<i>68-125%</i>		<i>"</i>						<i>"</i>		

<b>LCS (9E21009-BS1)</b>													<b>Extracted: 05/21/09 08:48</b>		<b>MNR1</b>
Lube Oil	NWTPH-Dx	1.89	---	0.500	mg/l	1x	--	2.00	94.4%	(60-125)	--	--	05/26/09 19:53		
Diesel Range Hydrocarbons	"	2.14	---	0.250	"	"	--	"	107%	(61-132)	--	--	"		
<i>Surrogate(s): 2-FBP</i>		<i>Recovery: 92.4%</i>		<i>Limits: 53-125%</i>		<i>"</i>						<i>05/26/09 19:53</i>			
<i>Octacosane</i>		<i>105%</i>		<i>68-125%</i>		<i>"</i>						<i>"</i>			

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	<b>Project Name: COP Westlake</b> <b>Project Number: AOC 01396</b> <b>Project Manager: Jeff Thompson</b>	<b>Report Created:</b> 06/12/09 09:32
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**Identified Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Laboratory Quality Control Results**  
 TestAmerica Seattle

**QC Batch: 9E21009**      **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>LCS Dup (9E21009-BSD1)</b>										Extracted: 05/21/09 08:48				
Lube Oil	NWTPH-Dx	2.04	---	0.500	mg/l	1x	--	2.00	102%	(60-125)	7.81% (50)		05/26/09 20:17	
Diesel Range Hydrocarbons	"	2.18	---	0.250	"	"	--	"	109%	(61-132)	2.30% (35)		"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery: 90.9%</i>		<i>Limits: 53-125%</i>		<i>"</i>						<i>05/26/09 20:17</i>		
<i>Octacosane</i>		<i>107%</i>		<i>68-125%</i>		<i>"</i>						<i>"</i>		

**QC Batch: 9E28018**      **Water Preparation Method: EPA 3510C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E28018-BLK1)</b>										Extracted: 05/28/09 11:20				
Lube Oil	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	05/28/09 19:23	
Kerosene	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
Diesel Range Hydrocarbons	"	ND	---	0.250	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery: 68.9%</i>		<i>Limits: 53-125%</i>		<i>"</i>						<i>05/28/09 19:23</i>		
<i>Octacosane</i>		<i>81.1%</i>		<i>68-125%</i>		<i>"</i>						<i>"</i>		

**LCS (9E28018-BS1)**      **Extracted: 05/28/09 11:20**      **MNR1**

Lube Oil	NWTPH-Dx	1.95	---	0.500	mg/l	1x	--	2.00	97.5%	(60-125)	--	--	05/28/09 19:46	
Diesel Range Hydrocarbons	"	2.02	---	0.250	"	"	--	"	101%	(61-132)	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery: 82.8%</i>		<i>Limits: 53-125%</i>		<i>"</i>						<i>05/28/09 19:46</i>		
<i>Octacosane</i>		<i>86.0%</i>		<i>68-125%</i>		<i>"</i>						<i>"</i>		

**LCS Dup (9E28018-BSD1)**      **Extracted: 05/28/09 11:20**

Lube Oil	NWTPH-Dx	1.96	---	0.500	mg/l	1x	--	2.00	98.2%	(60-125)	0.666% (50)		05/28/09 20:08	
Diesel Range Hydrocarbons	"	1.90	---	0.250	"	"	--	"	95.0%	(61-132)	6.17% (35)		"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery: 71.7%</i>		<i>Limits: 53-125%</i>		<i>"</i>						<i>05/28/09 20:08</i>		
<i>Octacosane</i>		<i>81.0%</i>		<i>68-125%</i>		<i>"</i>						<i>"</i>		

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name: <b>COP Westlake</b> Project Number: AOC 01396 Project Manager: Jeff Thompson	Report Created: 06/12/09 09:32
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**Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results**  
 TestAmerica Seattle

<b>QC Batch: 9E22004</b>	<b>Water Preparation Method: EPA 3020A</b>
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E22004-BLK1)</b>								Extracted: 05/22/09 06:14						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	05/22/09 10:42	
<b>LCS (9E22004-BS1)</b>								Extracted: 05/22/09 06:14						
Lead	EPA 6020	0.0786	---	0.00100	mg/l	1x	--	0.0800	98.3%	(80-120)	--	--	05/22/09 10:49	
<b>Duplicate (9E22004-DUP1)</b>				QC Source: BSE0208-01				Extracted: 05/22/09 06:14						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	ND	--	--	--	0.00% (20)	--	05/22/09 11:07	
<b>Matrix Spike (9E22004-MS1)</b>				QC Source: BSE0208-01				Extracted: 05/22/09 06:14						
Lead	EPA 6020	0.0802	---	0.00100	mg/l	1x	0.000240	0.0800	99.9%	(75-125)	--	--	05/22/09 11:01	
<b>Post Spike (9E22004-PS1)</b>				QC Source: BSE0208-01				Extracted: 05/22/09 06:14						
Lead	EPA 6020	0.117	---		ug/ml	1x	0.000240	0.100	116%	(80-120)	--	--	05/22/09 10:55	

<b>QC Batch: 9E22013</b>	<b>Water Preparation Method: EPA 3020A</b>
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E22013-BLK1)</b>								Extracted: 05/22/09 10:23						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	05/26/09 20:29	
<b>LCS (9E22013-BS1)</b>								Extracted: 05/22/09 10:23						
Lead	EPA 6020	0.0743	---	0.00100	mg/l	1x	--	0.0800	92.9%	(80-120)	--	--	05/26/09 20:36	
<b>Duplicate (9E22013-DUP1)</b>				QC Source: BSE0208-17				Extracted: 05/22/09 10:23						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	ND	--	--	--	5.31% (20)	--	05/27/09 08:32	
<b>Matrix Spike (9E22013-MS1)</b>				QC Source: BSE0208-17				Extracted: 05/22/09 10:23						
Lead	EPA 6020	0.0784	---	0.00100	mg/l	1x	0.000550	0.0800	97.4%	(75-125)	--	--	05/26/09 20:48	
<b>Post Spike (9E22013-PS1)</b>				QC Source: BSE0208-17				Extracted: 05/22/09 10:23						
Lead	EPA 6020	0.111	---		ug/ml	1x	0.000550	0.100	110%	(80-120)	--	--	05/26/09 20:42	

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

**QC Batch: 9E21023      Water Preparation Method: EPA 3005A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E21023-BLK1)</b>													Extracted: 05/21/09 12:23	
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	05/21/09 21:56	
<b>LCS (9E21023-BS1)</b>													Extracted: 05/21/09 12:23	
Lead	EPA 6020 - Diss	0.204	---	0.00100	mg/l	1x	--	0.200	102%	(80-120)	--	--	05/22/09 07:57	
<b>Duplicate (9E21023-DUP1)</b>													QC Source: BSE0199-16      Extracted: 05/21/09 12:23	
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	ND	--	--	--	NR (20)		05/21/09 22:34	
<b>Matrix Spike (9E21023-MS1)</b>													QC Source: BSE0199-16      Extracted: 05/21/09 12:23	
Lead	EPA 6020 - Diss	0.112	---	0.00100	mg/l	1x	ND	0.100	111%	(75-125)	--	--	05/21/09 22:28	

**QC Batch: 9E22007      Water Preparation Method: EPA 3005A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E22007-BLK1)</b>													Extracted: 05/22/09 08:00	
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	05/22/09 12:17	
<b>LCS (9E22007-BS1)</b>													Extracted: 05/22/09 08:00	
Lead	EPA 6020 - Diss	0.212	---	0.00100	mg/l	1x	--	0.200	106%	(80-120)	--	--	05/22/09 12:23	
<b>Duplicate (9E22007-DUP1)</b>													QC Source: BSE0208-14      Extracted: 05/22/09 08:00	
Lead	EPA 6020 - Diss	ND	---	0.00100	mg/l	1x	ND	--	--	--	NR (20)		05/22/09 12:42	
<b>Matrix Spike (9E22007-MS1)</b>													QC Source: BSE0208-14      Extracted: 05/22/09 08:00	
Lead	EPA 6020 - Diss	0.109	---	0.00100	mg/l	1x	ND	0.100	109%	(75-125)	--	--	05/22/09 12:36	

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica Seattle

**QC Batch: 9E21014      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E21014-BLK1)</b>													<b>Extracted: 05/21/09 11:57</b>	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	05/21/09 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>		<i>Recovery:</i>	<i>105%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/21/09 14:42</i>	
<i>Toluene-d8</i>		<i>104%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>101%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>		

<b>LCS (9E21014-BS1)</b>													<b>Extracted: 05/21/09 11:57</b>	
Benzene	EPA 8260B	40.6	---	0.500	ug/l	1x	--	40.0	101%	(80-120)	--	--	05/21/09 12:08	
Ethylbenzene	"	43.7	---	0.500	"	"	--	"	109%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	41.9	---	1.00	"	"	--	"	105%	(75-130)	--	--	"	
Naphthalene	"	37.3	---	5.00	"	"	--	"	93.2%	"	--	--	"	
Toluene	"	39.4	---	0.500	"	"	--	"	98.5%	(75-125)	--	--	"	
o-Xylene	"	41.0	---	1.00	"	"	--	"	103%	"	--	--	"	
m,p-Xylene	"	85.0	---	2.00	"	"	--	80.0	106%	"	--	--	"	
Xylenes (total)	"	126	---	3.00	"	"	--	120	105%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>106%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/21/09 12:08</i>	
<i>Toluene-d8</i>		<i>102%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>99.1%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>		

<b>Matrix Spike (9E21014-MS1)</b>													<b>QC Source: BSE0208-01</b>		<b>Extracted: 05/21/09 11:57</b>	
Benzene	EPA 8260B	42.8	---	0.500	ug/l	1x	ND	40.0	107%	(75-130)	--	--	05/21/09 12:37			
Ethylbenzene	"	45.0	---	0.500	"	"	ND	"	113%	(75-135)	--	--	"			
Methyl tert-butyl ether	"	42.4	---	1.00	"	"	ND	"	106%	(70-130)	--	--	"			
Naphthalene	"	41.0	---	5.00	"	"	ND	"	102%	(75-135)	--	--	"			
Toluene	"	40.4	---	0.500	"	"	ND	"	101%	(75-125)	--	--	"			
o-Xylene	"	42.2	---	1.00	"	"	ND	"	105%	"	--	--	"			
m,p-Xylene	"	87.4	---	2.00	"	"	ND	80.0	109%	"	--	--	"			
Xylenes (total)	"	130	---	3.00	"	"	ND	120	108%	"	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>105%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/21/09 12:37</i>			
<i>Toluene-d8</i>		<i>98.4%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>				
<i>4-BFB</i>		<i>99.8%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>				

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Curtis D. Armstrong, Project Manager

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica Seattle

**QC Batch: 9E21014 Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
<b>Matrix Spike Dup (9E21014-MSD1)</b>			QC Source: BSE0208-01					Extracted: 05/21/09 11:57							
Benzene	EPA 8260B	41.5	---	0.500	ug/l	1x	ND	40.0	104%	(75-130)	3.11% (25)		05/21/09 13:06		
Ethylbenzene	"	44.5	---	0.500	"	"	ND	"	111%	(75-135)	1.18% (30)		"		
Methyl tert-butyl ether	"	42.2	---	1.00	"	"	ND	"	106%	(70-130)	0.307% "		"		
Naphthalene	"	41.3	---	5.00	"	"	ND	"	103%	(75-135)	0.632% "		"		
Toluene	"	40.4	---	0.500	"	"	ND	"	101%	(75-125)	0.124% "		"		
o-Xylene	"	42.6	---	1.00	"	"	ND	"	106%	"	0.873% "		"		
m,p-Xylene	"	87.8	---	2.00	"	"	ND	80.0	110%	"	0.491% "		"		
Xylenes (total)	"	130	---	3.00	"	"	ND	120	109%	"	0.615% "		"		
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>105%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/21/09 13:06</i>		
<i>Toluene-d8</i>		<i>99.2%</i>		<i>80-120%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>98.4%</i>		<i>80-120%</i>		<i>"</i>							<i>"</i>		

**QC Batch: 9E22019 Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
<b>Blank (9E22019-BLK1)</b>								Extracted: 05/22/09 13:06							
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	05/22/09 15:18		
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>		<i>Recovery:</i>	<i>104%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/22/09 15:18</i>		
<i>Toluene-d8</i>		<i>104%</i>		<i>80-120%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>101%</i>		<i>80-120%</i>		<i>"</i>							<i>"</i>		

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
<b>LCS (9E22019-BS1)</b>								Extracted: 05/22/09 13:06							
Benzene	EPA 8260B	41.9	---	0.500	ug/l	1x	--	40.0	105%	(80-120)	--	--	05/22/09 13:17		
Ethylbenzene	"	45.0	---	0.500	"	"	--	"	112%	(75-125)	--	--	"		
Methyl tert-butyl ether	"	40.9	---	1.00	"	"	--	"	102%	(75-130)	--	--	"		
Naphthalene	"	32.9	---	5.00	"	"	--	"	82.2%	"	--	--	"		
Toluene	"	40.4	---	0.500	"	"	--	"	101%	(75-125)	--	--	"		
o-Xylene	"	42.4	---	1.00	"	"	--	"	106%	"	--	--	"		
m,p-Xylene	"	87.9	---	2.00	"	"	--	80.0	110%	"	--	--	"		
Xylenes (total)	"	130	---	3.00	"	"	--	120	109%	"	--	--	"		
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>104%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/22/09 13:17</i>		

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica Seattle

**QC Batch: 9E22019 Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
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**LCS (9E22019-BS1)** Extracted: 05/22/09 13:06

Surrogate(s): Toluene-d8	Recovery: 98.2%	Limits: 80-120%	1x	05/22/09 13:17
4-BFB	98.3%	80-120%	"	"

**Matrix Spike (9E22019-MS1)** QC Source: BSE0208-07 Extracted: 05/22/09 13:06

Benzene	EPA 8260B	43.4	---	0.500	ug/l	1x	0.150	40.0	108%	(75-130)	--	--	05/22/09 13:45
Ethylbenzene	"	45.7	---	0.500	"	"	ND	"	114%	(75-135)	--	--	"
Methyl tert-butyl ether	"	39.5	---	1.00	"	"	ND	"	98.8%	(70-130)	--	--	"
Naphthalene	"	36.0	---	5.00	"	"	ND	"	90.1%	(75-135)	--	--	"
Toluene	"	41.1	---	0.500	"	"	ND	"	103%	(75-125)	--	--	"
o-Xylene	"	43.2	---	1.00	"	"	ND	"	108%	"	--	--	"
m,p-Xylene	"	90.5	---	2.00	"	"	0.390	80.0	113%	"	--	--	"
Xylenes (total)	"	134	---	3.00	"	"	0.530	120	111%	"	--	--	"

Surrogate(s): 1,2-DCA-d4 Recovery: 102% Limits: 80-120% " 05/22/09 13:45  
 Toluene-d8 98.3% 80-120% " "  
 4-BFB 97.0% 80-120% " "

**Matrix Spike Dup (9E22019-MSD1)** QC Source: BSE0208-07 Extracted: 05/22/09 13:06

Benzene	EPA 8260B	42.0	---	0.500	ug/l	1x	0.150	40.0	105%	(75-130)	3.28% (25)	05/22/09 14:14
Ethylbenzene	"	43.7	---	0.500	"	"	ND	"	109%	(75-135)	4.50% (30)	"
Methyl tert-butyl ether	"	41.2	---	1.00	"	"	ND	"	103%	(70-130)	4.04% "	"
Naphthalene	"	40.0	---	5.00	"	"	ND	"	100%	(75-135)	10.4% "	"
Toluene	"	39.7	---	0.500	"	"	ND	"	99.3%	(75-125)	3.37% "	"
o-Xylene	"	42.0	---	1.00	"	"	ND	"	105%	"	2.84% "	"
m,p-Xylene	"	86.0	---	2.00	"	"	0.390	80.0	107%	"	5.04% "	"
Xylenes (total)	"	128	---	3.00	"	"	0.530	120	106%	"	4.33% "	"

Surrogate(s): 1,2-DCA-d4 Recovery: 104% Limits: 80-120% " 05/22/09 14:14  
 Toluene-d8 97.6% 80-120% " "  
 4-BFB 97.2% 80-120% " "

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica Seattle

**QC Batch: 9E27005 Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E27005-BLK1)</b>													<b>Extracted: 05/27/09 09:00</b>	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	05/27/09 12:31	
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): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>108%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/27/09 12:31</i>	
<i>Toluene-d8</i>		<i>109%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>103%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>		

<b>LCS (9E27005-BS1)</b>													<b>Extracted: 05/27/09 09:00</b>	
Benzene	EPA 8260B	36.0	---	0.500	ug/l	1x	--	40.0	90.0%	(80-120)	--	--	05/27/09 10:30	
Ethylbenzene	"	40.3	---	0.500	"	"	--	"	101%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	37.2	---	1.00	"	"	--	"	92.9%	(75-130)	--	--	"	
Naphthalene	"	36.5	---	5.00	"	"	--	"	91.2%	"	--	--	"	
Toluene	"	36.8	---	0.500	"	"	--	"	92.1%	(75-125)	--	--	"	
o-Xylene	"	39.0	---	1.00	"	"	--	"	97.4%	"	--	--	"	
m,p-Xylene	"	79.6	---	2.00	"	"	--	80.0	99.6%	"	--	--	"	
Xylenes (total)	"	119	---	3.00	"	"	--	120	98.9%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>107%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/27/09 10:30</i>	
<i>Toluene-d8</i>		<i>105%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>		
<i>4-BFB</i>		<i>99.8%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>		

<b>Matrix Spike (9E27005-MS1)</b>													<b>QC Source: BSE0208-08</b>		<b>Extracted: 05/27/09 09:00</b>	
Benzene	EPA 8260B	37.8	---	0.500	ug/l	1x	ND	40.0	94.4%	(75-130)	--	--	05/27/09 10:58			
Ethylbenzene	"	41.6	---	0.500	"	"	ND	"	104%	(75-135)	--	--	"			
Methyl tert-butyl ether	"	36.8	---	1.00	"	"	ND	"	92.0%	(70-130)	--	--	"			
Naphthalene	"	36.3	---	5.00	"	"	ND	"	90.7%	(75-135)	--	--	"			
Toluene	"	38.0	---	0.500	"	"	ND	"	95.1%	(75-125)	--	--	"			
o-Xylene	"	39.2	---	1.00	"	"	ND	"	97.9%	"	--	--	"			
m,p-Xylene	"	81.3	---	2.00	"	"	ND	80.0	102%	"	--	--	"			
Xylenes (total)	"	120	---	3.00	"	"	ND	120	100%	"	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>108%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/27/09 10:58</i>			
<i>Toluene-d8</i>		<i>102%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>				
<i>4-BFB</i>		<i>99.7%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>				

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PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica Seattle

**QC Batch: 9E27005 Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
<b>Matrix Spike Dup (9E27005-MSD1)</b>			QC Source: BSE0208-08					Extracted: 05/27/09 09:00							
Benzene	EPA 8260B	36.8	---	0.500	ug/l	1x	ND	40.0	92.0%	(75-130)	2.60%	(25)	05/27/09 11:27		
Ethylbenzene	"	40.4	---	0.500	"	"	ND	"	101%	(75-135)	3.10%	(30)	"		
Methyl tert-butyl ether	"	37.0	---	1.00	"	"	ND	"	92.5%	(70-130)	0.542%	"	"		
Naphthalene	"	37.4	---	5.00	"	"	ND	"	93.6%	(75-135)	3.07%	"	"		
Toluene	"	36.8	---	0.500	"	"	ND	"	92.0%	(75-125)	3.34%	"	"		
o-Xylene	"	38.3	---	1.00	"	"	ND	"	95.8%	"	2.19%	"	"		
m,p-Xylene	"	79.3	---	2.00	"	"	ND	80.0	99.1%	"	2.44%	"	"		
Xylenes (total)	"	118	---	3.00	"	"	ND	120	98.0%	"	2.36%	"	"		
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 108%</i>		<i>Limits: 80-120%</i>		"								05/27/09 11:27	
<i>Toluene-d8</i>		<i>104%</i>		<i>80-120%</i>		"								"	
<i>4-BFB</i>		<i>99.6%</i>		<i>80-120%</i>		"								"	

**QC Batch: 9E28011 Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
<b>Blank (9E28011-BLK1)</b>								Extracted: 05/28/09 12:06							
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	05/28/09 14:30		
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>		<i>Recovery: 106%</i>		<i>Limits: 80-120%</i>		"								05/28/09 14:30	
<i>Toluene-d8</i>		<i>106%</i>		<i>80-120%</i>		"								"	
<i>4-BFB</i>		<i>104%</i>		<i>80-120%</i>		"								"	

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
<b>LCS (9E28011-BS1)</b>								Extracted: 05/28/09 11:06							
Benzene	EPA 8260B	40.0	---	0.500	ug/l	1x	--	40.0	100%	(80-120)	--	--	05/28/09 12:29		
Ethylbenzene	"	42.6	---	0.500	"	"	--	"	106%	(75-125)	--	--	"		
Methyl tert-butyl ether	"	41.1	---	1.00	"	"	--	"	103%	(75-130)	--	--	"		
Naphthalene	"	40.3	---	5.00	"	"	--	"	101%	"	--	--	"		
Toluene	"	39.7	---	0.500	"	"	--	"	99.3%	(75-125)	--	--	"		
o-Xylene	"	40.3	---	1.00	"	"	--	"	101%	"	--	--	"		
m,p-Xylene	"	82.8	---	2.00	"	"	--	80.0	103%	"	--	--	"		
Xylenes (total)	"	123	---	3.00	"	"	--	120	103%	"	--	--	"		
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery: 106%</i>		<i>Limits: 80-120%</i>		"								05/28/09 12:29	

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PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica Seattle

**QC Batch: 9E28011      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
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**LCS (9E28011-BS1)** Extracted: 05/28/09 11:06

Surrogate(s): Toluene-d8	Recovery: 102%	Limits: 80-120%	Ix	05/28/09 12:29
4-BFB	100%	80-120%	"	"

**Matrix Spike (9E28011-MS1)** QC Source: BSE0208-21      Extracted: 05/28/09 12:06

Benzene	EPA 8260B	53.4	---	0.500	ug/l	Ix	12.4	40.0	103%	(75-130)	--	--	05/28/09 12:57
Ethylbenzene	"	42.3	---	0.500	"	"	0.520	"	104%	(75-135)	--	--	"
Methyl tert-butyl ether	"	40.2	---	1.00	"	"	0.350	"	99.6%	(70-130)	--	--	"
Naphthalene	"	41.0	---	5.00	"	"	3.61	"	93.4%	(75-135)	--	--	"
Toluene	"	39.5	---	0.500	"	"	0.310	"	98.0%	(75-125)	--	--	"
o-Xylene	"	40.1	---	1.00	"	"	0.430	"	99.2%	"	--	--	"
m,p-Xylene	"	82.0	---	2.00	"	"	1.16	80.0	101%	"	--	--	"
Xylenes (total)	"	122	---	3.00	"	"	1.59	120	100%	"	--	--	"

Surrogate(s): 1,2-DCA-d4	Recovery: 104%	Limits: 80-120%	"	05/28/09 12:57
Toluene-d8	102%	80-120%	"	"
4-BFB	100%	80-120%	"	"

**Matrix Spike Dup (9E28011-MSD1)** QC Source: BSE0208-21      Extracted: 05/28/09 12:06

Benzene	EPA 8260B	53.2	---	0.500	ug/l	Ix	12.4	40.0	102%	(75-130)	0.338% (25)		05/28/09 13:26
Ethylbenzene	"	41.2	---	0.500	"	"	0.520	"	102%	(75-135)	2.59% (30)		"
Methyl tert-butyl ether	"	40.3	---	1.00	"	"	0.350	"	100%	(70-130)	0.348%		"
Naphthalene	"	42.2	---	5.00	"	"	3.61	"	96.5%	(75-135)	3.03%		"
Toluene	"	38.9	---	0.500	"	"	0.310	"	96.5%	(75-125)	1.45%		"
o-Xylene	"	39.1	---	1.00	"	"	0.430	"	96.6%	"	2.58%		"
m,p-Xylene	"	80.4	---	2.00	"	"	1.16	80.0	99.0%	"	2.04%		"
Xylenes (total)	"	119	---	3.00	"	"	1.59	120	98.2%	"	2.22%		"

Surrogate(s): 1,2-DCA-d4	Recovery: 106%	Limits: 80-120%	"	05/28/09 13:26
Toluene-d8	102%	80-120%	"	"
4-BFB	101%	80-120%	"	"

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Curtis D. Armstrong, Project Manager

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PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica Seattle

**QC Batch: 9E29003 Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (9E29003-BLK1)</b>													<b>Extracted: 05/29/09 11:19</b>	
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	05/29/09 13:30	
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>		<i>Recovery:</i>	<i>102%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/29/09 13:30</i>	
<i>Toluene-d8</i>			<i>105%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>			<i>103%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>	

<b>LCS (9E29003-BS1)</b>													<b>Extracted: 05/29/09 11:19</b>	
Benzene	EPA 8260B	38.7	---	0.500	ug/l	1x	--	40.0	96.7%	(80-120)	--	--	05/29/09 11:30	
Ethylbenzene	"	41.2	---	0.500	"	"	--	"	103%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	39.5	---	1.00	"	"	--	"	98.8%	(75-130)	--	--	"	
Naphthalene	"	41.9	---	5.00	"	"	--	"	105%	"	--	--	"	
Toluene	"	38.3	---	0.500	"	"	--	"	95.8%	(75-125)	--	--	"	
o-Xylene	"	38.4	---	1.00	"	"	--	"	96.1%	"	--	--	"	
m,p-Xylene	"	79.9	---	2.00	"	"	--	80.0	99.9%	"	--	--	"	
Xylenes (total)	"	118	---	3.00	"	"	--	120	98.6%	"	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>103%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/29/09 11:30</i>	
<i>Toluene-d8</i>			<i>101%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>	
<i>4-BFB</i>			<i>99.4%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>	

<b>Matrix Spike (9E29003-MS1)</b>													<b>QC Source: BSE0208-26</b>		<b>Extracted: 05/29/09 11:19</b>	
Benzene	EPA 8260B	40.6	---	0.500	ug/l	1x	ND	40.0	102%	(75-130)	--	--	05/29/09 11:59			
Ethylbenzene	"	43.4	---	0.500	"	"	ND	"	108%	(75-135)	--	--	"			
Methyl tert-butyl ether	"	39.8	---	1.00	"	"	ND	"	99.6%	(70-130)	--	--	"			
Naphthalene	"	43.8	---	5.00	"	"	ND	"	109%	(75-135)	--	--	"			
Toluene	"	40.6	---	0.500	"	"	ND	"	101%	(75-125)	--	--	"			
o-Xylene	"	41.4	---	1.00	"	"	ND	"	103%	"	--	--	"			
m,p-Xylene	"	85.0	---	2.00	"	"	ND	80.0	106%	"	--	--	"			
Xylenes (total)	"	126	---	3.00	"	"	ND	120	105%	"	--	--	"			
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>100%</i>	<i>Limits: 80-120%</i>		<i>"</i>							<i>05/29/09 11:59</i>			
<i>Toluene-d8</i>			<i>99.4%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>			
<i>4-BFB</i>			<i>99.8%</i>	<i>80-120%</i>		<i>"</i>							<i>"</i>			

TestAmerica Seattle



Curtis D. Armstrong, Project Manager

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica Seattle

**QC Batch: 9E29003      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
<b>Matrix Spike Dup (9E29003-MSD1)</b>			QC Source: BSE0208-26					Extracted: 05/29/09 11:19							
Benzene	EPA 8260B	39.3	---	0.500	ug/l	1x	ND	40.0	98.2%	(75-130)	3.28% (25)		05/29/09 12:26		
Ethylbenzene	"	41.4	---	0.500	"	"	ND	"	104%	(75-135)	4.62% (30)		"		
Methyl tert-butyl ether	"	40.0	---	1.00	"	"	ND	"	100%	(70-130)	0.401% "		"		
Naphthalene	"	43.3	---	5.00	"	"	ND	"	108%	(75-135)	0.987% "		"		
Toluene	"	38.5	---	0.500	"	"	ND	"	96.2%	(75-125)	5.19% "		"		
o-Xylene	"	39.3	---	1.00	"	"	ND	"	98.4%	"	5.01% "		"		
m,p-Xylene	"	80.6	---	2.00	"	"	ND	80.0	101%	"	5.29% "		"		
Xylenes (total)	"	120	---	3.00	"	"	ND	120	99.9%	"	5.20% "		"		
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>98.2%</i>	<i>Limits: 80-120%</i>		<i>"</i>								<i>05/29/09 12:26</i>	
<i>Toluene-d8</i>			<i>98.6%</i>	<i>80-120%</i>		<i>"</i>								<i>"</i>	
<i>4-BFB</i>			<i>101%</i>	<i>80-120%</i>		<i>"</i>								<i>"</i>	

**QC Batch: 9F04007      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
<b>Blank (9F04007-BLK1)</b>								Extracted: 06/04/09 06:44							
Benzene	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	06/04/09 17:43		
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:</i>	<i>97.7%</i>	<i>Limits: 80-120%</i>		<i>"</i>								<i>06/04/09 17:43</i>	
<i>Toluene-d8</i>			<i>101%</i>	<i>80-120%</i>		<i>"</i>								<i>"</i>	
<i>4-BFB</i>			<i>104%</i>	<i>80-120%</i>		<i>"</i>								<i>"</i>	

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes	
<b>LCS (9F04007-BS1)</b>								Extracted: 06/04/09 06:44							
Benzene	EPA 8260B	42.0	---	0.500	ug/l	1x	--	40.0	105%	(80-120)	--	--	06/04/09 15:42		
Ethylbenzene	"	42.5	---	0.500	"	"	--	"	106%	(75-125)	--	--	"		
Methyl tert-butyl ether	"	41.3	---	1.00	"	"	--	"	103%	(75-130)	--	--	"		
Naphthalene	"	42.1	---	5.00	"	"	--	"	105%	"	--	--	"		
Toluene	"	40.3	---	0.500	"	"	--	"	101%	(75-125)	--	--	"		
o-Xylene	"	41.0	---	1.00	"	"	--	"	103%	"	--	--	"		
m,p-Xylene	"	84.2	---	2.00	"	"	--	80.0	105%	"	--	--	"		
Xylenes (total)	"	125	---	3.00	"	"	--	120	104%	"	--	--	"		
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>97.0%</i>	<i>Limits: 80-120%</i>		<i>"</i>								<i>06/04/09 15:42</i>	

TestAmerica Seattle



Curtis D. Armstrong, Project Manager

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<b>Stantec</b>	Project Name: <b>COP Westlake</b>	Report Created:
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number: AOC 01396	06/12/09 09:32
Redmond, WA/USA 98073	Project Manager: Jeff Thompson	

**Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results**  
 TestAmerica Seattle

**QC Batch: 9F04007      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
---------	--------	--------	------	-----	-------	-----	---------------	-----------	-------	----------	-------	----------	----------	-------

**LCS (9F04007-BS1)** Extracted: 06/04/09 06:44

Surrogate(s): Toluene-d8	Recovery: 96.0%	Limits: 80-120%	1x	06/04/09 15:42
4-BFB	98.1%	80-120%	"	"

**Matrix Spike (9F04007-MS1)** QC Source: BSF0002-01      Extracted: 06/04/09 06:44 M8

Benzene	EPA 8260B	5.74	---	0.500	ug/l	1x	ND	40.0	14.4%	(75-130)	--	--	06/04/09 16:10	
Ethylbenzene	"	5.33	---	0.500	"	"	ND	"	13.3%	(75-135)	--	--	"	
Methyl tert-butyl ether	"	5.45	---	1.00	"	"	ND	"	13.6%	(70-130)	--	--	"	
Naphthalene	"	5.59	---	5.00	"	"	ND	"	14.0%	(75-135)	--	--	"	
Toluene	"	5.63	---	0.500	"	"	ND	"	14.1%	(75-125)	--	--	"	
o-Xylene	"	5.08	---	1.00	"	"	ND	"	12.7%	"	--	--	"	
m,p-Xylene	"	10.7	---	2.00	"	"	ND	80.0	13.4%	"	--	--	"	
Xylenes (total)	"	15.8	---	3.00	"	"	ND	120	13.1%	"	--	--	"	

Surrogate(s): 1,2-DCA-d4	Recovery: 96.0%	Limits: 80-120%	"	06/04/09 16:10
Toluene-d8	99.2%	80-120%	"	"
4-BFB	100%	80-120%	"	"

**Matrix Spike Dup (9F04007-MSD1)** QC Source: BSF0002-01      Extracted: 06/04/09 06:44 R11

Benzene	EPA 8260B	42.6	---	0.500	ug/l	1x	ND	40.0	106%	(75-130)	153%	(25)	06/04/09 16:39	
Ethylbenzene	"	42.1	---	0.500	"	"	ND	"	105%	(75-135)	155%	(30)	"	
Methyl tert-butyl ether	"	40.7	---	1.00	"	"	ND	"	102%	(70-130)	153%	"	"	
Naphthalene	"	40.6	---	5.00	"	"	ND	"	101%	(75-135)	152%	"	"	
Toluene	"	40.1	---	0.500	"	"	ND	"	100%	(75-125)	151%	"	"	
o-Xylene	"	41.1	---	1.00	"	"	ND	"	103%	"	156%	"	"	
m,p-Xylene	"	84.8	---	2.00	"	"	ND	80.0	106%	"	155%	"	"	
Xylenes (total)	"	126	---	3.00	"	"	ND	120	105%	"	155%	"	"	

Surrogate(s): 1,2-DCA-d4	Recovery: 97.6%	Limits: 80-120%	"	06/04/09 16:39
Toluene-d8	94.8%	80-120%	"	"
4-BFB	99.6%	80-120%	"	"

TestAmerica Seattle



Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	<b>Project Name:</b> COP Westlake <b>Project Number:</b> AOC 01396 <b>Project Manager:</b> Jeff Thompson	<b>Report Created:</b> 06/12/09 09:32
---	--	--

## 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](http://www.TestAmericaInc.com)*

*Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .*

TestAmerica Seattle



Curtis D. Armstrong, Project Manager

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<b>Stantec</b> PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073	Project Name:	<b>COP Westlake</b>	Report Created:
	Project Number:	AOC 01396	06/12/09 09:32
	Project Manager:	Jeff Thompson	

## Notes and Definitions

### Report Specific Notes:

- H - Sample analysis performed past method-specified holding time.
- M8 - The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
- MNR1 - There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- P7 - Sample filtered in lab.
- Q1 - Does not match typical pattern
- 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.
- R11 - RPD exceeded the laboratory control limit. See case narrative.
- 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



Curtis D. Armstrong, Project Manager

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BSFO208

# Chain Of Custody Record

DATE: 5/17-18/09  
 PAGE: 1 of 4

Purchase Order #  
 ConocoPhillips AOC#  
 1396

Stantec  
 Attn: Jeff Thompson  
 12034 134th CT, Suite 102  
 Redmond, WA 98052

INVOICE REMITTANCE ADDRESS:  
 ConocoPhillips SITE NUMBER  
 AOC 01396

Test America  
 11720 North Creek Pkwy N Suite 400  
 Bothell, WA 98011  
 (425) 420-9200

Valid Value ID:  
 CONOCOPHILLIPS SITE NUMBER  
 AOC 01396  
 SITE ADDRESS (Street and City):  
 600 Westlake Avenue N, Seattle  
 EDI DELIVERABLE TO (RP or Designee):  
 PHONE NO.:

E-MAIL: jeff.thompson@stantec.com  
 CONSULTANT PROJECT NUMBER  
 212301523  
 TURNAROUND TIME (CALENDAR DAYS):  
 14 DAYS  7 DAYS  48 HOURS  24 HOURS  LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES:  
 CHECK BOX IF EDD IS NEEDED

REQUESTED ANALYSES

Field Point Name	Sample ID	DATE	TIME	MATRIX	NO. OF CONT.	NWTPH-GX	NWTPH-DX	BTEX	MTHF	Napthalene	Kerosene	Total Lead	Dissolved lead
CI-1	CI-1	5/18/09	0850	GW	10	X	X	X	X	X	X	X	X
CI-2	CI-2	5/19/09	0930	GW	10	X	X	X	X	X	X	X	X
MW-18	MW-18	5/17/09	0800	GW	10	X	X	X	X	X	X	X	X
MW-19	MW-19	5/17/09	0845	GW	10	X	X	X	X	X	X	X	X
MW-37	MW-37	5/17/09	0832	GW	10	X	X	X	X	X	X	X	X
MW-38	MW-38	5/18/09	0708	GW	10	X	X	X	X	X	X	X	X
MW-40	MW-40	5/17/09	1147	GW	10	X	X	X	X	X	X	X	X
MW-41	MW-41	5/17/09	1038	GW	10	X	X	X	X	X	X	X	X
MW-44	MW-44	5/18/09	1012	GW	10	X	X	X	X	X	X	X	X
MW-45	MW-45	6/17/09	1222	GW	10	X	X	X	X	X	X	X	X

FIELD NOTES:  
 Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT °C:  
 -01  
 -02  
 -03  
 -04  
 -05  
 -06  
 -07  
 -08  
 -09  
 -10

Received by (Signature): *[Signature]* Date: 05/19/09  
 Received by (Signature): *[Signature]* Date: 5.7 °C @ Lab 1730 w/las  
 Received by (Signature): \_\_\_\_\_ Date: \_\_\_\_\_

# Chain Of Custody Record

BSE0208

DATE: 5/17-18/09  
PAGE: 2 of 4

Purchase Order #  
ConocoPhillips AOC#  
1396

Stantec  
Attn: Jeff Thompson  
12034 134th CT, Suite 102  
Redmond, WA 98052

INVOICE REMITTANCE ADDRESS:  
Test America  
11720 North Creek Pkwy N Suite 400  
Bothell, WA 98011  
(425) 420-9200

Valid Value ID:  
CONOCOPHILLIPS SITE NUMBER  
AOC 01396  
SITE ADDRESS (Street and City):  
600 Westlake Avenue N, Seattle  
EDF DELIVERABLE TO (RP or Designee):  
PHONE NO:  
E-MAIL:  
ConocoPhillips Manager  
Kipp Eckert

TELEPHONE: (425) 372-1587  
FAX: (425) 372-1650  
E-MAIL: jeff.thompson@stantec.com  
CONSULTANT PROJECT NUMBER  
212301523  
SAMPLER NAME(S) (Print):  
*Jason Payne*

TURNAROUND TIME (CALENDAR DAYS):  
 14 DAYS  7 DAYS  48 HOURS  24 HOURS  LESS THAN 24 HOURS  
SPECIAL INSTRUCTIONS OR NOTES:  
 CHECK BOX IF EDF IS NEEDED

REQUESTED ANALYSES  
FIELD NOTES:  
Container/Preservative  
or PID Readings  
or Laboratory Notes

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.	NWTPH-GX	NWTPH-DX	BTEX	MTBH	Napthalene	Kerosene	Total Lead	Dissolved lead	TEMPERATURE ON RECEIPT °C
	MWV-51	MWV-51	5/17/09	0715	GW	10	X	X	X	X	X	X	X	X	-11
	<del>MWV-54</del>	<del>MWV-54</del>			GW		X	X	X	X	X	X	X	X	-12
	<del>MWV-55</del>	<del>MWV-55</del>			GW		X	X	X	X	X	X	X	X	-13
	MWV-71	MWV-71	5/17/09	1125	GW	10	X	X	X	X	X	X	X	X	-14
	MWV-72	MWV-72	5/17/09	1114	GW	10	X	X	X	X	X	X	X	X	-15
	MWV-73	MWV-73	5/17/09	1205	GW	10	X	X	X	X	X	X	X	X	-16
	MWV-80	MWV-80	5/18/09	0705	GW	10	X	X	X	X	X	X	X	X	-17
	MWV-81	MWV-81	5/18/09	0750	GW	10	X	X	X	X	X	X	X	X	-18
	MWV-86	MWV-86	5/18/09	0940	GW	10	X	X	X	X	X	X	X	X	
	MWV-87	MWV-87	5/18/09	1020	GW	10	X	X	X	X	X	X	X	X	

Requisitioned by: (Signature) *[Signature]* Date: 05/19/09 Time: 1000  
 Received by: (Signature) *[Signature]* Date: 05/19/09 Time: 1000  
 Received by: (Signature) *[Signature]* Date: 05/19/09 Time: 1000  
 Received by: (Signature) *[Signature]* Date: 05/19/09 Time: 1000

b5E0208

# Chain of Custody Record

DATE: 5/17/09  
 PAGE: 3 of 4

Purchase Order #  
 ConocoPhillips AOC#

Stantec  
 Attn: Jeff Thompson  
 12034 134th CT, Suite 102  
 Redmond, WA 98052

INVOICE REMITTANCE ADDRESS:  
 Test America  
 11720 North Creek Pkwy N Suite 400  
 Bothell, WA 98011  
 (425) 420-9200

CONOCOPHILLIPS SITE NUMBER  
 AOC 01396  
 SITE ADDRESS (Street and City):  
 600 Westlake Avenue N, Seattle  
 EDI DELIVERABLE TO (RP or Designee):  
 PHONE NO.:

ConocoPhillips Manager  
 Kipp Eckert  
 E-MAIL:  
 LAB USE ONLY

Valid Value ID:  
 1396  
 GLOBAL ID NO.:

E-MAIL:  
 jeff.thompson@stantec.com  
 CONSULTANT PROJECT NUMBER  
 212301523

TELEPHONE:  
 (425) 372-1587  
 FAX:  
 (425) 372-1650


SAMPLER NAME(S) (Print):  
 David Peter Katason Payne  
 TURNAROUND TIME (CALENDAR DAYS):  
 14 DAYS  7 DAYS  48 HOURS  72 HOURS  LESS THAN 24 HOURS

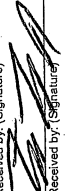
SPECIAL INSTRUCTIONS OR NOTES:  
 CHECK BOX IF EDD IS NEEDED

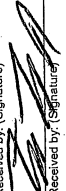
REQUESTED ANALYSES

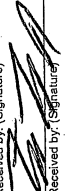
LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.	NWTPH-GX	NWTPH-DX	BTEX	MTRM	Napthalene	Kerosene	Total Lead	Dissolved lead	TEMPERATURE ON RECEIPT C°
	MW-95	MW-95	5/17/09	1045	GW	10	X	X	X	X	X	X	X	X	-19
	MW-200	MW-200	5-11-09	0808	GW	10	X	X	X	X	X	X	X	X	-20
	MW-201	MW-201	5/17/09	0930	GW	10	X	X	X	X	X	X	X	X	-21
	MW-202	MW-202	5/17/09	0947	GW	10	X	X	X	X	X	X	X	X	-22
	MW-203	MW-203	5/18/09	0748	GW	10	X	X	X	X	X	X	X	X	-23
	MW-206	MW-206			GW		X	X	X	X	X	X	X	X	
	MW-207	MW-207			GW		X	X	X	X	X	X	X	X	
	MW-208	MW-208	5/17/09	0755	GW	10	X	X	X	X	X	X	X	X	-24
	MW-209	MW-209			GW		X	X	X	X	X	X	X	X	
	MW-210	MW-210	5/18/09	1125	GW	10	X	X	X	X	X	X	X	X	-25

FIELD NOTES:  
 Container/Preservative or PID Readings or Laboratory Notes

Relinquished by: (Signature)  Date: 05/19/09 Time: 1000

Relinquished by: (Signature)  Date: 05/19/09 Time: 5:30

Relinquished by: (Signature)  Date: 05/19/09 Time: wics

Relinquished by: (Signature)  Date: @ Lab 1730 Time: wics

# Chain Of Custody Record

65E0208

DATE: 5/17/09  
PAGE: 4 of 4

Purchase Order #  
ConocoPhillips AOC#

Stantec  
Attn: Jeff Thompson  
12034 134th CT, Suite 102  
Redmond, WA 98052

INVOICE REMITTANCE ADDRESS:  
Valid Value ID:  
CONOCOPhillips SITE NUMBER  
AOC 01396

Test America  
11720 North Creek Pkwy N Suite 400  
Bothell, WA 98011  
(425) 420-9200

CONOCOPhillips Manager  
Kipp Eckert  
E-MAIL:  
PHONE NO.:  
EDF DELIVERABLE TO (RP or Designee):  
SITE ADDRESS (Street and City):  
600 Westlake Avenue N, Seattle  
Redmond, WA 98052

TELEPHONE: (425) 372-1587  
FAX: (425) 372-1650  
E-MAIL: jeff.thompson@stantec.com  
SAMPLER NAME(S) (print): David Rife / Jason Payne  
CONSULTANT PROJECT NUMBER: 212301523  
TURNAROUND TIME (CALENDAR DAYS):  
 14 DAYS  7 DAYS  48 HOURS  72 HOURS  LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED

Field Point Name	Sample ID	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.
MW-211	MW-211	5/18/09	0632	GW	10
<del>SMW-3</del>	<del>SMW-3</del>			GW	
Trip blanks	Trip blanks				

Field Point Name	Sample ID	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.
MW-211	MW-211	5/18/09	0632	GW	10
<del>SMW-3</del>	<del>SMW-3</del>			GW	
Trip blanks	Trip blanks				

Field Point Name	Sample ID	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.	NWTPH-GX	NWTPH-DX	BTEX	MTR	Napthalene	Kerosene	Total Lead	Dissolved lead
MW-211	MW-211	5/18/09	0632	GW	10	X	X	X	X	X	X	X	X
<del>SMW-3</del>	<del>SMW-3</del>			GW		X	X	X	X	X	X	X	X
Trip blanks	Trip blanks												

FIELD NOTES:  
Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°: -20

Requested Analytes:

Received by: (Signature) [Signature] Date: 05/19/09 Time: 1000  
 Received by: (Signature) [Signature] Date: 05/19/09 Time: 1000  
 Received by: (Signature) [Signature] Date: 05/19/09 Time: 1000

9/19/03 Revision

TAT: \_\_\_\_\_

Paperwork to PM - Date: 5/20 Time: 7:15

Non-Conformances?

Page Time & Initials: \_\_\_\_\_

Circle Y or N

(If Y, see other side)

### TEST AMERICA SAMPLE RECEIPT CHECKLIST

<b>Received By:</b> (applies to temp at receipt)	<b>Logged-in By:</b>	<b>Unpacked/ Labeled by:</b>	<b>Label Review by:</b>	<b>Cooler ID:</b>
Date: <u>5/19/09</u>	Date: <u>05-20</u>	Date: <u>05-20</u>	Date: <u>5/21</u>	<u>(Did not check vials though)</u>
Time: <u>1730</u>	Time: <u>1259</u>	Time: <u>1600</u>	Time: <u>8:15</u>	Work Order No. <u>BSE0208</u>
Initials: <u>FL</u>	Initials: <u>CW</u>	Initials: <u>CW</u>	Initials: <u>CB</u>	Client: <u>Stantec</u>
				Project: <u>Cap westlake</u>

<u>X</u> Cooler	<u>X</u> Ship Container	<u>?</u> Sign By	<u>X</u> Bubble Bags	____ Styrofoam
____ Box	____ On Bottles	<u>5/19/09</u> Date	____ Foam Packs	
____ None/Other _____	____ None		____ None/Other _____	

<b>Refrigerant:</b>	<b>Soil Stir Bars/Encores:</b>	<b>Received Via: Bill#:</b>
____ Gel Ice Pack _____	Placed in freezer #46:	____ Fed Ex _____ Client
<u>X</u> Loose Ice _____	Y or N or <u>NA</u>	____ UPS <u>X</u> TA Courier
____ None/Other _____	Initial/date/time _____	____ DHL _____ Mid Valley
		____ Senvoy _____ TDP
		____ GS _____ Other _____

Cooler Temperature (IR): 5.7 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)  
(circle one)

Temperature Blank? \_\_\_\_\_ °C or NA comments \_\_\_\_\_ Trip Blank? Y or N or NA

BP, OPLC, ARCO-Temperature monitoring every 15 minutes:  
 (initial/date/time): \_\_\_\_\_  
 Comments: \_\_\_\_\_

<b>Sample Containers:</b>	<b>ID</b>	<b>ID</b>
Intact? <u>Y</u> or N _____	Metals Preserved? <u>Y</u> or N or NA _____	
Provided by TA? <u>Y</u> or N _____	Client QAPP Preserved? Y or N or <u>NA</u> _____	
Correct Type? <u>Y</u> or N _____	Adequate Volume? <u>Y</u> or N _____	
#Containers match COC? Y or <u>N</u> _____	(for tests requested)	
IDs/time/date match COC? Y or <u>N</u> _____	Water VOAs: Headspace? Y or <u>N</u> or NA _____	
Hold Times in hold? <u>Y</u> or N _____	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

5/20 CB 8:46