



Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

4006 148th Avenue NE
Redmond, Washington 98052 USA

425.882.3528 800.477.7411

Fax 425.869.1892

Release # 1975
UNOCAL # 5472
SEATTLE
LUST # 8459
www.deltaenv.com

Date: October 14, 2005

Project No.: WA278-7206-1

To: Mr. Kipp Eckert

ConocoPhillips

1144 Eastlake Avenue East

Seattle, Washington 98109-4450

We have enclosed:

Copies Description

1

2Q05 Groundwater Monitoring Report

3460 First Avenue South, Seattle, Washington

ConocoPhillips Site No. 2787292

For your:

- ☒ Use/Files
☐ Approval
☐ Review
☐ Information

Sent Via:

- ☐ Regular Mail
☐ Priority Mail (USPS)
☐ Overnight (FedEx)
☒ Other FedEx Saver

Comments:

RECEIVED

OCT 19 2005

DEPT OF ECOLOGY

Eric Larsen

cc: LUST Coordinator, Department of Ecology – Northwest Regional Office, Bellevue, WA 98008
TBT Towing, 3460 First Avenue South, Seattle, Washington 98134
Shimon Mizrahi, Ariel Development Inc., 3100 Airport Way South, Seattle, Washington 98134

A member of:

 **Inogen**
Environmental Alliance



Delta
Environmental
Consultants, Inc.

**CONOCOPHILLIPS COMPANY
GROUNDWATER MONITORING REPORT**

October 13, 2005

Site No.: 2787292 Site Address: 3460 First Avenue S., Seattle, Washington
ConocoPhillips Site Manager: Kipp Eckert
ConocoPhillips Address: P.O. Box 923, Bothell, WA 98041
Consultant/Contact Person: Delta Environmental Consultants, Inc. – Eric Larsen
Consultant Address: 4006 148th Avenue NE, Redmond, WA 98052
Primary Agency/Regulatory ID No.: Washington DOE Northwest Region

WORK PERFORMED THIS QUARTER [Second - 2005]

- Measured depth to water/in Monitoring Wells MW-1, MW-6, MW-7, MW-8, MW-9 and MW-12 through MW-15 on June 27, 2005.
- Purged and sampled groundwater from Monitoring Wells MW-1, MW-6, MW-7, MW-8, MW-9 and MW-12 through MW-15 on June 27, 2005.
- Analyzed groundwater samples for total petroleum hydrocarbons as gasoline (TPH-G) using Northwest Method NWTPH-Gx, TPH as diesel and heavy oil (TPH-D and TPH-O) using Northwest Method NWTPH-Dx (with silica gel cleanup), and benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8260B.

WORK PROPOSED FOR NEXT QUARTER [Third - 2005]

- Next quarterly sampling event is scheduled for September 2005. ✓
- Activities at the site and neighboring properties will be monitored and recorded during the next quarterly sampling event to determine if there are possible activities that could contribute to the increased TPH and benzene concentrations detected in the on-site wells during second quarter 2005. ✓

SUMMARY

Frequency of Sampling Events:	<u>Quarterly</u> (Quarterly, etc.)
Approximate Depth to Groundwater:	<u>6.13 – 9.65</u> (Measured Feet)
Groundwater Gradient:	<u>Multi-Directional</u> (Direction)
	<u>Varies</u> (ft/ft)
Maximum Benzene Concentration:	<u>5.49 (MW-12)</u> (ppb)
Measurable Free Product Detected:	<u>None</u> (Yes - ID well(s)/No)
Free Product Recovered This Quarter:	<u>None</u> (gallons)
Cumulative Free Product Recovered to Date:	<u>170 gallons via vapor phase</u> (gallons)
Water Wells or Surface Waters w/in a 2000'	<u>None</u>
Radius and Respective Direction:	_____ (Distance and Direction)
Current Remedial Action:	<u>None</u> (SVE/AS/P&T/DVE/ Product Removal/Bio/etc.)
Permits for Discharge:	<u>PSCAA No. 8121</u> (NPDES, POTW, etc.)



Delta
Environmental
Consultants, Inc.

**CONOCOPHILLIPS COMPANY
GROUNDWATER MONITORING REPORT**

October 13, 2005

Site No.: <u>2787292</u>	Site Address: <u>3460 First Avenue S., Seattle, Washington</u>
ConocoPhillips Site Manager:	<u>Kipp Eckert</u>
ConocoPhillips Address:	<u>P.O. Box 923, Bothell, WA 98041</u>
Consultant/Contact Person:	<u>Delta Environmental Consultants, Inc. – Eric Larsen</u>
Consultant Address:	<u>4006 148th Avenue NE, Redmond, WA 98052</u>
Primary Agency/Regulatory ID No.:	<u>Washington DOE Northwest Region</u>

DISCUSSION

- TPH-G was not detected above the laboratory reporting limit in any of the groundwater samples collected for analysis.
- TPH-D was detected above the MTCA Method A cleanup level in the groundwater samples collected from Wells MW-1, MW-6, and MW-9 at concentrations of 2,180 ppb, 710 ppb, and 596 ppb, respectively. According to the laboratory analytical report, these results do not appear to be "typical" product.
- TPH-O was detected above the MTCA Method A cleanup level in the groundwater samples collected from Wells MW-1, MW-6, and MW-7 at concentrations of 2,360 ppb, 582 ppb, and 710 ppb, respectively. According to the laboratory analytical report, these results do not appear to be "typical" product.
- Benzene was detected above the MTCA Method A cleanup level in the groundwater sample collected from Well MW-12 at a concentration of 5.49 ppb.
- Toluene was not detected above the laboratory reporting limit in any of the groundwater samples collected for analysis.
- Ethylbenzene was not detected above the laboratory reporting limit in any of the groundwater samples collected for analysis.
- Total xylenes were not detected above the laboratory reporting limit in any of the groundwater samples collected for analysis.
- Laboratory analytical results for Wells MW-1, MW-6, MW-7, and MW-9 for TPH-D and/or TPH-O, and results for MW-12 for benzene are higher than the previous quarterly sampling event conducted in March 2005, and also higher than sampling events conducted over the previous year.
- Following the next quarterly groundwater monitoring event at this site, which is scheduled to occur in September 2005, Delta will evaluate turning the remedial system back on based on the analytical results.



CONOCOPHILLIPS COMPANY
GROUNDWATER MONITORING REPORT

October 13, 2005

Site No.: 2787292 Site Address: 3460 First Avenue S., Seattle, Washington
ConocoPhillips Site Manager: Kipp Eckert
ConocoPhillips Address: P.O. Box 923, Bothell, WA 98041
Consultant/Contact Person: Delta Environmental Consultants, Inc. – Eric Larsen
Consultant Address: 4006 148th Avenue NE, Redmond, WA 98052
Primary Agency/Regulatory ID No.: Washington DOE Northwest Region

LIMITATIONS

The services described in this report were performed in accordance with generally accepted professional consulting principles and practices. No other warranty, either express or implied, is made. These services were performed in accordance with terms established with our client. This report is solely for the use of our client and reliance on any part of this report by a third party is at such party's sole risk.

Delta appreciates the opportunity to provide environmental services for ConocoPhillips Company. Please call (425) 882-3528 if you have any questions regarding the contents of this report.

Sincerely,

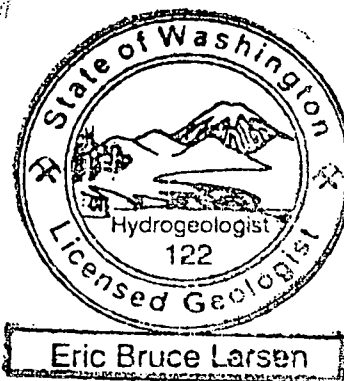
DELTA ENVIRONMENTAL CONSULTANTS, INC.

Tena Seeds

Tena Seeds, E.I.T.
Project Engineer

Eric Larsen

Eric Larsen, L.H.G.
Senior Geologist



ATTACHMENTS

Table 1 – Analytical Results and Groundwater Elevations
Figure 1 – Site Map with Groundwater Elevations and Petroleum Hydrocarbon and BTEX Concentrations
Laboratory Analytical Report and Chain-of-Custody Documentation
Groundwater Sampling Procedures and Field Sheets

cc: LUST Coordinator, Washington State Dept. of Ecology – Northwest Regional Office, Bellevue, WA
TBT Towing, 3460 First Avenue S., Seattle, WA 98134
Shimon Mizrahi, Ariel Development Inc., 3100 Airport Way S., Seattle, WA 98134

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS

ConocoPhillips Site No. 2787292
3460 First Avenue S.
Seattle, Washington

Sample I.D. TOC	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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-1	03/05/97	4,240	3,860	2,100	114	<2.50	18.7	<5.00	--	4.96	--	94.56
99.52	03/05/97 ¹	8,150	534	<750	40.7	<2.50	58.9	15.3	--	4.96	--	94.56
	06/19/97	LPH Present							--	5.66	0.01*	93.87
	09/16/97	LPH Present							--	6.56	sheen*	92.96
	12/18/97	3,060	3,850	1,860	142	1.31	2.65	3.54	--	5.54	--	93.98
	03/11/98	2,720	5,930	3,890	120	2.77	4.23	5.20	--	5.14	--	94.38
	06/24/98	1,950	1,340	<750	22.8	1.83	1.05	3.33	--	6.25	--	93.27
	09/18/98	1,690	<250	<750	12.7	<2.50	<2.50	<5.00	--	6.86	--	92.66
	12/14/98	2,840	8,850	3,880	327	<5.00	11.7	<10.0	--	3.70	--	95.82
	03/26/99	2,490	4,130	2,280	180	1.87	20.6	6.13	--	4.50	--	95.02
	06/23/99	962	1,410	844	57.6	<2.50	<2.50	<5.00	--	5.99	--	93.53
	09/23/99	1,540	1,380	<750	7.29	0.731	2.13	2.07	--	6.85	--	92.67
	12/06/99	<50.0	525	<750	1.33	0.626	0.937	2.32	--	9.15	--	90.37
	03/13/00	700	4,340	2,260	186	<5.00	<5.00	<10.0	--	5.24	--	94.28
	06/28/00	<50.0	2,820	<1,290	<0.500	<0.500	<0.500	<1.00	--	5.45	--	94.07
	09/13/00	148	651	<750	1.04	<0.500	<0.500	<1.00	--	6.96	--	92.56
	03/27/01	Obstructed by vehicle							--	--	--	--
	06/22/01	--	--	--	--	--	--	--	--	NM	--	--
	09/19/01	Obstructed by vehicle							--	--	--	--
	12/26/01	91.6	4,720	2,280	0.591	0.775	<0.500	1.54	--	5.14	--	94.38
	03/15/02	207	3,200	975	16.0	0.519	1.04	<1.00	--	5.05	--	94.47
	09/27/02	<100	1,420	734	1.54	<2.00	<1.00	<1.50	--	8.23	--	91.29
	03/28/03	160	1,250	<500	1.67	9.99	1.61	9.81	--	4.48	--	95.04
	09/22/03	<50.0	658	<610	<0.500	<0.500	<0.500	<1.00	--	5.78	--	93.74
	03/24/04	<100	568	636	<1	<1	<1	<2	1.2	5.18	0.00	94.34
	09/30/04	<50	357	<473	<0.50	<0.50	<0.50	<1.0	0.2	7.21	0.00	92.31
	03/28/05	<100	315	<490	<1	<1	<1	<2	1.4	5.28	0.00	94.24
	06/27/05	<100	X 2,180 ³	2,360 ³	<1	<1	<1	<2	2.0	6.58	0.00	92.94

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS

ConocoPhillips Site No. 2787292
3460 First Avenue S.
Seattle, Washington

Sample I.D. TOC	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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-6	03/05/97	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	5.09	--	94.58
99.67	03/05/97 ¹	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	5.52	--	94.15
	06/19/97 ¹	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	5.52	--	94.15
	09/16/97 ¹	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	6.35	--	93.32
	12/18/97	<50.0	269	<750	<0.500	<0.500	<0.500	<1.00	--	5.72	--	93.95
	03/11/98	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	5.25	--	94.42
	06/24/98	<50.0	257	<750	<0.500	<0.500	0.580	1.86	--	6.23	--	93.44
	09/18/98	<50.0	2,320	1,300	<0.500	<0.500	<0.500	<1.00	--	6.44	--	93.23
	12/14/98	<50.0	<250	<750	<0.500	<0.500	<0.500	1.06	--	4.62	--	95.05
	03/26/99	<50.0	<250	775	<0.500	<0.500	<0.500	<1.00	--	4.59	--	95.08
	06/23/99	<50.0	363	<750	<0.500	<0.500	<0.500	<1.00	--	5.88	--	93.79
	09/23/99	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	6.59	--	93.08
	12/06/99	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	5.39	--	94.28
	03/13/00	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	5.37	--	94.30
	06/28/00	<50.0	355	<974	<0.500	<0.500	<0.500	<1.00	--	6.04	--	93.63
	09/13/00	<50.0	<250	<550	<0.500	<0.500	<0.500	<1.00	--	6.61	--	93.06
	03/27/01	<50.0	364	<750	<0.500	<0.500	<0.500	<1.00	--	5.42	--	94.25
	06/22/01	<50.0	297	<750	<0.500	<0.500	<0.500	<1.00	--	5.52	--	94.15
	09/19/01	<50.0	678	<500	<0.500	<0.500	<0.500	<1.00	--	5.92	--	93.75
	12/26/01	<50.0	467	587	<0.500	<0.500	<0.500	<1.00	--	5.12	--	94.55
	03/15/02	<50.0	313	<500	<0.500	<0.500	<0.500	<1.00	--	5.15	--	94.52
	09/27/02	<100	494	<500	1.60	<2.00	<1.00	<1.50	--	8.67	--	91.00
	03/28/03	<50.0	<298	<595	<0.500	2.26	<0.500	1.62	--	5.28	--	94.39
	09/22/03	<50.0	<287	<575	0.527	1.40	<0.500	3.56	--	6.20	--	93.47
	03/24/04	<100	<118	<237	<1	<1	<1	<2	3.1	6.18	0.00	93.49
	09/30/04	<50	<249	<498	<0.50	<0.50	<0.50	<1.0	0.4	7.98	0.00	91.69
	03/28/05	<100	<284	<568	<1	<1	<1	<2	3.4	7.3	0.00	92.37
	06/27/05	<100	710 ³	582 ³	<1	<1	<1	<2	2.0	7.58	0.00	92.09

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS

ConocoPhillips Site No. 2787292
3460 First Avenue S.
Seattle, Washington

Sample I.D. TOC	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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-7	03/05/97	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	3.94	--	94.56
98.50	03/05/97 ¹	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	3.94	--	94.56
	06/19/97 ¹	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	4.57	--	93.93
	09/16/97 ¹	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	5.29	--	93.21
	12/18/97	<50.0	357	<750	<0.500	<0.500	<0.500	<1.00	--	4.43	--	94.07
	03/11/98	<50.0	<250	<750	0.875	<0.500	<0.500	<1.00	--	4.05	--	94.45
	06/24/98	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	4.91	--	93.59
	09/18/98	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	5.67	--	92.83
	12/14/98	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	3.57	--	94.93
	03/26/99	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	3.44	--	95.06
	06/23/99	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	4.91	--	93.59
	09/23/99	<50.0	<250	<750	5.02	<0.500	<0.500	<1.00	--	5.76	--	92.74
	12/06/99	--	--	--	--	--	--	--	--	NM	--	--
	03/13/00	<50.0	<455	<1,370	<0.500	<0.500	<0.500	<1.00	--	4.27	--	94.23
	06/28/00	--	--	--	--	--	--	--	--	NM	--	--
	09/13/00	<50.0	264	<750	<0.500	<0.500	<0.500	<1.00	--	5.86	--	92.64
	03/27/01	--	--	--	--	--	--	--	--	NM	--	--
	06/22/01	--	--	--	--	--	--	--	--	NM	--	--
	09/19/01	Obstructed by vehicle							--	--	--	--
	12/26/01	<50.0	<250	<500	<0.500	0.558	<0.500	<1.00	--	4.15	--	94.35
	03/15/02	--	--	--	--	--	--	--	--	NM	--	--
	09/27/02	100	674	<575	10.9	3.33	1.42	5.39	--	7.13	--	91.37
	03/28/03	--	--	--	--	--	--	--	--	NM	--	--
	09/22/03	<50.0	<294	<588	<0.500	<0.500	<0.500	<1.00	--	5.45	--	93.05
	03/24/04	--	--	--	--	--	--	--	NM	4.83	0.00	93.67
	09/30/04	<50	<245	<491	<0.50	<0.50	<0.50	<1.0	0.6	6.61	0.00	91.89
	03/28/05	<100	<246	<492	<1	<1	<1	<2	2.1	4.92	0.00	93.58
	06/27/05	<200	268 ³	710 ³	<2	<2	<2	<4	1.7	6.13	0.00	92.37

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS
 ConocoPhillips Site No. 2787292
 3460 First Avenue S.
 Seattle, Washington

Sample I.D. TOC	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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-8	03/05/97	3,490	398	<750	3,970	<10.0	<10.0	<20.0	--	4.91	--	94.05
98.96	03/05/97 ¹	7,730	375	<750	830	<5.0	11.5	<10.0	--	4.91	--	94.05
	06/19/97 ¹	6,220	621	<750	1,870	<12.5	13.1	<25.0	--	5.46	--	93.50
	09/16/97 ¹	3,310	292	<750	4,380	<10	11.5	<20	--	6.28	--	92.68
	12/18/97	2,890	1,650	<750	4,890	<25.0	<25.0	<50.0	--	5.53	--	93.43
	03/11/98	<2,500	1,370	<750	2,640	<25.0	<25.0	<50.0	--	5.14	--	93.82
	06/24/98	2,650	1,700	<750	2,230	<25.0	<25.0	<50.0	--	6.15	--	92.81
	09/18/98	1,940	<250	<750	779	<12.5	<12.5	<25.0	--	6.56	--	92.40
	12/14/98	Obstructed by surface water							--	--	--	--
	03/26/99	1,340	1,300	<750	27.7	<2.50	<4.50	<8.50	--	NM	--	--
	06/23/99	<2,500	1,110	<750	<25.0	<25.0	<25.0	<50.0	--	5.73	--	93.23
	09/23/99	1,420	1,020	<750	9.67	<2.00	<2.00	<7.00	--	6.52	--	92.44
	12/06/99	Obstructed by surface water							--	--	--	--
	03/13/00	669	556	<750	30.4	<2.50	<2.50	5.52	--	5.89	--	93.07
	06/28/00	<250	--	--	148	<2.50	<2.50	<5.00	--	5.18	--	93.78
	09/13/00	428	1,390	1,380	<1.42	<0.770	<1.35	<2.84	--	7.29	--	91.67
	03/27/01	451	8,830	788	<0.500	<0.500	<0.500	<1.00	--	2.53	--	96.43
	06/22/01	<50.0	1,180	1,210	<0.500	<0.500	<0.500	<1.00	--	2.19	--	96.77
	09/19/01 ¹	<50.0	1,420	<500	0.994	0.580	0.552	1.59	--	6.90	--	92.06
	12/26/01	99.4	4,010	602	0.839	0.665	<0.500	1.32	--	5.70	--	93.26
	03/15/02	958	1,520	<500	3.94	0.929	2.08	8.27	--	5.62	--	93.34
	09/27/02	--	--	--	--	--	--	--	--	DRY	--	--
	03/28/03 ¹	290	<312	<625	7.84	47.6	7.05	36.6	--	4.41	--	94.55
	09/22/03	<50.0	<284	<568	<0.500	<0.500	<0.500	<1.00	--	5.45	--	93.51
	03/24/04	<100	774	2,860	<1	<1	<1	<2	5.2	3.25	0.00	95.71
	09/30/04	--	--	--	--	--	--	--	--	DRY	--	--
	03/28/05	Unable to Locate							--	NM	--	--
	04/21/05 ²	<200	<341	<681	<2	<2	<2	<4	0.1	7.92	--	91.04
	06/27/05	<100	<261	<522	<1	<1	<1	<2	1.0	8.43	0.00	90.53

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS

ConocoPhillips Site No. 2787292
3460 First Avenue S.
Seattle, Washington

Sample I.D. TOC	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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-9	03/05/97	1,030	22,400	2,240	49.4	<0.50	15.6	<1.0	--	4.11	--	94.55
98.66	03/05/97 ¹	2,120	8,150	1,060	48.4	<1.0	17.9	2.11	--	4.11	--	94.55
	06/19/97 ¹	710	1,450	<750	104	<2.5	13.6	5.14	--	4.78	--	93.88
	09/16/97 ¹	778	459	<750	664	6.27	2.27	4.61	--	5.59	--	93.07
	12/18/97	1,850	26,000	4,010	59.7	2.82	<2.50	<5.00	--	4.61	--	94.05
	03/11/98	215	2,180	<750	12.5	<0.500	0.761	<1.00	--	4.19	--	94.47
	06/24/98	383	603	<750	155	3.68	<2.50	<5.00	--	5.04	--	93.62
	09/18/98	443	1,090	<750	188	<2.50	<2.50	6.45	--	6.02	--	92.64
	12/14/98	377	2,670	<750	3.27	0.650	0.812	1.05	--	3.94	--	94.72
	03/26/99	257	4,150	820	1.66	1.04	<0.600	2.31	--	3.61	--	95.05
	06/23/99	123	4,040	<750	75.5	0.693	<0.500	<1.00	--	5.11	--	93.55
	09/23/99	279	765	<750	31.4	1.35	0.549	3.77	--	6.08	--	92.58
	12/06/99	231	2,230	<750	6.73	1.46	<0.500	<1.00	--	3.97	--	94.69
	03/13/00	<250	5,030	<750	5.62	<2.50	<2.50	<5.00	--	4.67	--	93.99
	06/28/00	<50	1,660	<750	29.4	0.770	<0.500	<1.00	--	5.26	--	93.40
	09/13/00	102	1,270	<750	<1.40	<0.500	<0.500	<1.00	--	6.30	--	92.36
	03/27/01	Obstructed by vehicle							--	--	--	--
	06/22/01	--	--	--	--	--	--	--	--	NM	--	--
	09/19/01	Obstructed by vehicle							--	--	--	--
	12/26/01	Obstructed by vehicle							--	--	--	--
	03/15/02	<50.0	1,060	<625	<0.500	<0.500	<0.500	<1.00	--	4.20	--	94.46
	09/27/02	<100	1,510	<500	2.41	<2.00	<1.00	<1.50	--	7.80	--	90.86
	03/28/03	277	542	<575	5.66	42.7	7.07	38.4	--	4.48	--	94.18
	09/22/03	Obstructed by vehicle							--	--	--	--
	03/24/04	<100	<124	<248	<1	<1	<1	<2	4.0	5.07	0.00	93.59
	09/30/04	<50	<246	<492	<0.50	<0.50	<0.50	<1.0	0.1	7.61	0.00	91.05
	03/28/05	<100	<245	<489	<1	<1	<1	<2	1.5	5.19	0.00	93.47
	06/27/05	<100	596 ³	492 ³	<1	<1	<1	<2	1.8	6.72	0.00	91.94

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS

ConocoPhillips Site No. 2787292
3460 First Avenue S.
Seattle, Washington

Sample I.D. TOC	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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-10	03/05/97	--	--	--	--	--	--	--	--	NM	--	--
99.62	06/19/97 ¹	53	<250	<750	691	7.48	<5.0	20.3	--	5.95	--	93.67
	09/16/97 ¹	736	<250	<750	1,170	9.747	3.11	18.2	--	6.80	--	92.82
	12/18/97	--	--	--	--	--	--	--	--	NM	--	--
	03/11/98	--	--	--	--	--	--	--	--	NM	--	--
	06/24/98	301	376	<750	453	3.33	<2.50	6.74	--	6.64	--	92.98
	09/18/98	<1,000	292	<750	1,000	<10.0	<10.0	<20.0	--	7.19	--	92.43
	12/14/98	<1,000	363	<750	477	12.0	<10.0	29.2	--	5.41	--	94.21
	03/26/99	331	300	<750	261	3.32	<2.50	8.30	--	5.06	--	94.56
	06/23/99	89.0	289	<750	212	1.28	<0.500	2.26	--	6.23	--	93.39
	09/23/99	289	386	<750	459	2.68	0.877	7.58	--	7.12	--	92.50
	12/06/99	266	376	<750	190	2.63	<0.500	4.25	--	5.62	--	94.00
	03/13/00	139	280	<750	153	1.35	<0.500	4.22	--	5.73	--	93.89
	06/28/00	<50.0	283	<750	1.19	<0.500	<0.500	<1.00	--	8.20	--	91.42
	09/13/00	<50.0	3,780	<1,040	13.2	0.591	<0.500	1.62	--	7.33	--	92.29
	03/27/01	Flooded							--	--	--	--
	06/22/01	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	7.57	--	92.05
	09/19/01	<50.0	284	<500	<0.500	<0.500	<0.500	1.28	--	9.39	--	90.23
	12/26/01	Obstructed							--	--	--	--
	03/15/02	Obstructed							--	--	--	--
	09/27/02	--	--	--	--	--	--	--	--	NM	--	--
	03/28/03	--	--	--	--	--	--	--	--	NM	--	--
	09/22/03	--	--	--	--	--	--	--	--	NM	--	--
	03/24/04	--	--	--	--	--	--	--	NM	4.83	0.00	94.79
	09/30/04	--	--	--	--	--	--	--	--	NM	--	--
	03/28/05	--	--	--	--	--	--	--	--	NM	--	--
	06/27/05	--	--	--	--	--	--	--	--	NM	--	--

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS

ConocoPhillips Site No. 2787292
3460 First Avenue S.
Seattle, Washington

Sample I.D. TOC	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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-11	03/05/97	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	5.41	--	94.29
99.70	03/05/97 ¹	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	5.41	--	94.29
	06/19/97 ¹	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	5.81	--	93.89
	09/16/97 ¹	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	6.31	--	93.39
	12/18/97	<50.0	285	<750	<0.500	<0.500	<0.500	<1.00	--	6.21	--	93.49
	03/11/98	<50.0	297	<750	<0.500	<0.500	<0.500	<1.00	--	5.55	--	94.15
	06/24/98	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	6.32	--	93.38
	09/18/98	<50.0	1,380	<750	<0.500	<0.500	<0.500	<1.00	--	6.35	--	93.35
	12/14/98	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	4.90	--	94.80
	03/26/99	Obstructed by construction							--	--	--	--
	06/23/99	Obstructed by construction							--	--	--	--
	12/06/99	--	--	--	--	--	--	--	--	NM	--	--
	03/13/00	--	--	--	--	--	--	--	--	NM	--	--
	06/28/00	--	--	--	--	--	--	--	--	NM	--	--
	09/13/00	--	--	--	--	--	--	--	--	NM	--	--
	03/27/01	--	--	--	--	--	--	--	--	NM	--	--
	06/22/01	--	--	--	--	--	--	--	--	NM	--	--
	09/19/01	--	--	--	--	--	--	--	--	NM	--	--
	12/26/01	--	--	--	--	--	--	--	--	NM	--	--
	03/15/02	--	--	--	--	--	--	--	--	NM	--	--
	09/27/02	Unable to locate							--	--	--	--
	03/28/03	--	--	--	--	--	--	--	--	NM	--	--
	09/22/03	--	--	--	--	--	--	--	--	NM	--	--
	03/24/04	Unable to locate							--	--	--	--
	09/30/04	Unable to locate							--	--	--	--
	03/28/05	Unable to locate							--	--	--	--
	06/27/05	--	--	--	--	--	--	--	--	NM	--	--

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS

ConocoPhillips Site No. 2787292

3460 First Avenue S.

Seattle, Washington

Sample I.D. TOC	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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-12	03/05/97	17,900	372	<750	652	727	15	1,610	--	5.78	--	94.54
100.32	03/05/97 ¹	14,500	431	<750	637	<10.0	646	968	--	5.78	--	94.54
	06/19/97 ¹	14,900	556	<750	335	<10.0	525	557	--	6.45	--	93.87
	09/16/97 ¹	8,450	556	<750	585	<10.0	344	248	--	7.30	--	93.02
	12/18/97	9,390	1,490	916	490	10.8	362	565	--	6.48	--	93.84
	03/11/98	7,540	1,380	806	625	10.7	322	362	--	5.98	--	94.34
	06/24/98	2,490	1,260	<750	203	3.49	35.1	11.4	--	7.15	--	93.17
	09/18/98	848	<250	<750	88.8	0.583	22.0	16.5	--	7.49	--	92.83
	12/14/98	4,730	744	<750	229	5.81	245	196	--	5.21	--	95.11
	03/26/99	1,980	700	<750	73.7	2.66	<87.0	35.8	--	5.31	--	95.01
	06/23/99	<2,500	956	<750	77.8	<25.0	78.2	<50.0	--	6.71	--	93.61
	09/23/99	1,160	982	<750	13.2	0.940	1.07	2.54	--	7.53	--	92.79
	12/06/99	60.9	516	<750	1.00	<0.500	<0.500	<1.00	--	10.96	--	89.36
	03/13/00	378	890	<750	102	5.18	83.7	36.9	--	5.80	--	94.52
	06/28/00	<50.0	748	<750	10.6	<0.500	<0.500	<1.00	--	6.40	--	93.92
	09/13/00	246	749	<921	2.93	<0.500	4.91	1.88	--	7.40	--	92.92
	03/27/01	<50.0	1,720	<750	1.42	<0.500	0.782	<1.00	--	5.80	--	94.52
	06/22/01	<50.0	1,680	<835	0.702	<0.500	0.808	<1.00	--	4.78	--	95.54
	09/19/01	52.0	786	611	0.517	<0.500	<0.500	1.20	--	6.98	--	93.34
	12/26/01	Obstructed							--	--	--	--
	03/15/02	77.0	2,520	826	11.3	<0.500	1.37	1.35	--	5.60	--	94.72
	09/27/02	138	1,280	619	15.9	2.70	1.24	2.83	--	9.19	--	91.13
	03/28/03	<50.0	645	<500	<0.500	0.602	<0.500	<1.00	--	5.72	--	94.60
	09/22/03	<50.0	<312	<625	1.46	<0.500	<0.500	<1.00	--	6.73	--	93.59
	03/24/04	<100	<118	<236	2.12	<1	<1	<2	3.4	6.83	0.00	93.49
	09/30/04	<50	<248	<496	<0.50	<0.50	<0.50	<1.0	1.1	8.65	0.00	91.67
	03/28/05	<100	<253	<506	3.18	<1	<1	<2	1.5	7.68	0.00	92.64
	06/27/05	<100	<246	<492	5.49	<1	<1	<2	1.5	8.12	0.00	92.20

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS
 ConocoPhillips Site No. 2787292
 3460 First Avenue S.
 Seattle, Washington

Sample I.D. TOC	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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-13	06/24/98	815	802	<750	<2.50	<2.50	<2.50	<5.00	--	7.80	--	92.44
100.24	09/18/98	889	1,130	<750	<2.25	<1.25	<1.25	3.51	--	8.16	--	92.08
	12/14/98	853	508	<750	1.68	0.640	<0.500	3.43	--	6.75	--	93.49
	03/26/99	685	839	<750	<2.50	1.25	<1.75	4.38	--	6.30	--	93.94
	06/23/99	365	927	<750	0.810	<0.500	0.717	1.98	--	7.36	--	92.88
	09/23/99	859	1,360	<750	<2.00	<1.00	<0.500	<4.00	--	NM	--	--
	12/06/99	873	1,010	<750	<0.500	<2.20	<0.900	<2.80	--	7.15	--	93.09
	03/13/00	632	960	<750	<5.00	<5.00	<5.00	<10.00	--	6.95	--	93.29
	06/28/00	<250	813	<750	526	<2.50	<2.50	6.16	--	7.66	--	92.58
	09/13/00	240	688	<750	<0.730	<0.500	<0.500	<1.43	--	8.25	--	91.99
	03/27/01	151	1,690	<750	<0.500	<0.500	<0.500	<1.00	--	7.35	--	92.89
	06/22/01	93.9	261	<750	<0.500	<0.500	<0.500	<1.00	--	7.48	--	92.76
	09/19/01	97.7	615	<500	<0.500	<0.500	<0.500	1.11	--	7.76	--	92.48
	12/26/01	99.2	983	<500	<0.500	1.20	<0.500	2.79	--	6.75	--	93.49
	03/15/02	101	1,670	<500	0.502	<0.500	<0.500	1.28	--	6.76	--	93.48
	09/27/02	<100	954	<500	2.35	<2.00	<1.00	<1.50	--	9.89	--	90.35
	03/28/03	110	343	<500	1.33	6.86	1.02	5.45	--	5.50	--	94.74
	09/22/03	<50.0	<294	<588	<0.500	<0.500	<0.500	<1.00	--	7.39	--	92.85
	03/24/04	<100	<125	<251	<1	<1	<1	<2	2.4	7.95	0.00	92.29
	09/30/04	<50	<248	<497	<0.50	<0.50	<0.50	<1.0	0.2	9.69	0.00	90.55
	03/28/05	<100	<250	<501	<1	<1	<1	<2	2.1	9.35	0.00	90.89
	06/27/05	<100	<248	<496	<1	<1	<1	<2	2.1	9.65	0.00	90.59

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS

ConocoPhillips Site No. 2787292
3460 First Avenue S.
Seattle, Washington

Sample I.D. TOC	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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-14	06/24/98	2,230	505	<750	422	<10.0	<10.0	<20.0	--	7.60	--	92.34
99.94	09/18/98	1,500	748	<750	75.4	<2.50	<2.50	13.3	--	8.03	--	91.91
	12/14/98	1,590	597	<750	182	<2.50	<2.50	9.39	--	6.68	--	93.26
	03/26/99	1,190	752	<750	5.53	<0.500	<0.900	4.84	--	6.20	--	93.74
	06/23/99	1,160	464	<750	21.1	<2.50	<2.50	<5.00	--	7.15	--	92.79
	09/23/99	2,950	512	<750	20.2	<1.00	<2.00	<8.00	--	7.91	--	92.03
	12/06/99	2,740	623	<750	27.0	0.503	<1.00	5.62	--	6.90	--	93.04
	03/13/00	1,780	669	<750	105	0.503	1.09	5.04	--	6.74	--	93.20
	06/28/00	<50.0	780	<750	2.09	<0.500	<0.500	<1.00	--	7.47	--	92.47
	09/13/00	1,410	1,060	<872	<0.570	<0.500	<0.600	<3.50	--	8.10	--	91.84
	03/27/01	484	1,410	<750	<0.500	<0.500	<0.500	<1.00	--	7.23	--	92.71
	06/22/01	350	--	--	<0.500	0.534	<0.500	1.58	--	7.41	--	92.53
	09/19/01	247	1,990	<577	<0.500	<0.500	<0.500	1.60	--	7.85	--	92.09
	12/26/01	146	1,970	<500	1.42	2.15	0.860	4.27	--	6.66	--	93.28
	03/15/02	107	855	<500	<0.500	<0.500	<0.500	<1.00	--	6.65	--	93.29
	09/27/02	<100	525	<500	2.73	<2.00	<1.00	<1.50	--	9.56	--	90.38
	03/28/03	76.5	<250	<500	1.08	6.09	1.01	5.33	--	6.21	--	93.73
	09/22/03	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	7.11	--	92.83
	03/24/04	<100	<125	<250	<1	<1	<1	<2	2.9	7.53	0.00	92.41
	09/30/04	<50	<252	<504	<0.50	<0.50	<0.50	<1.0	0.1	9.31	0.00	90.63
	03/28/05	<100	<267	<534	<1	<1	<1	<2	2.0	8.91	0.00	91.03
	06/27/05	<100	<251	<501	<1	<1	<1	<2	2.2	9.29	0.00	90.65

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS

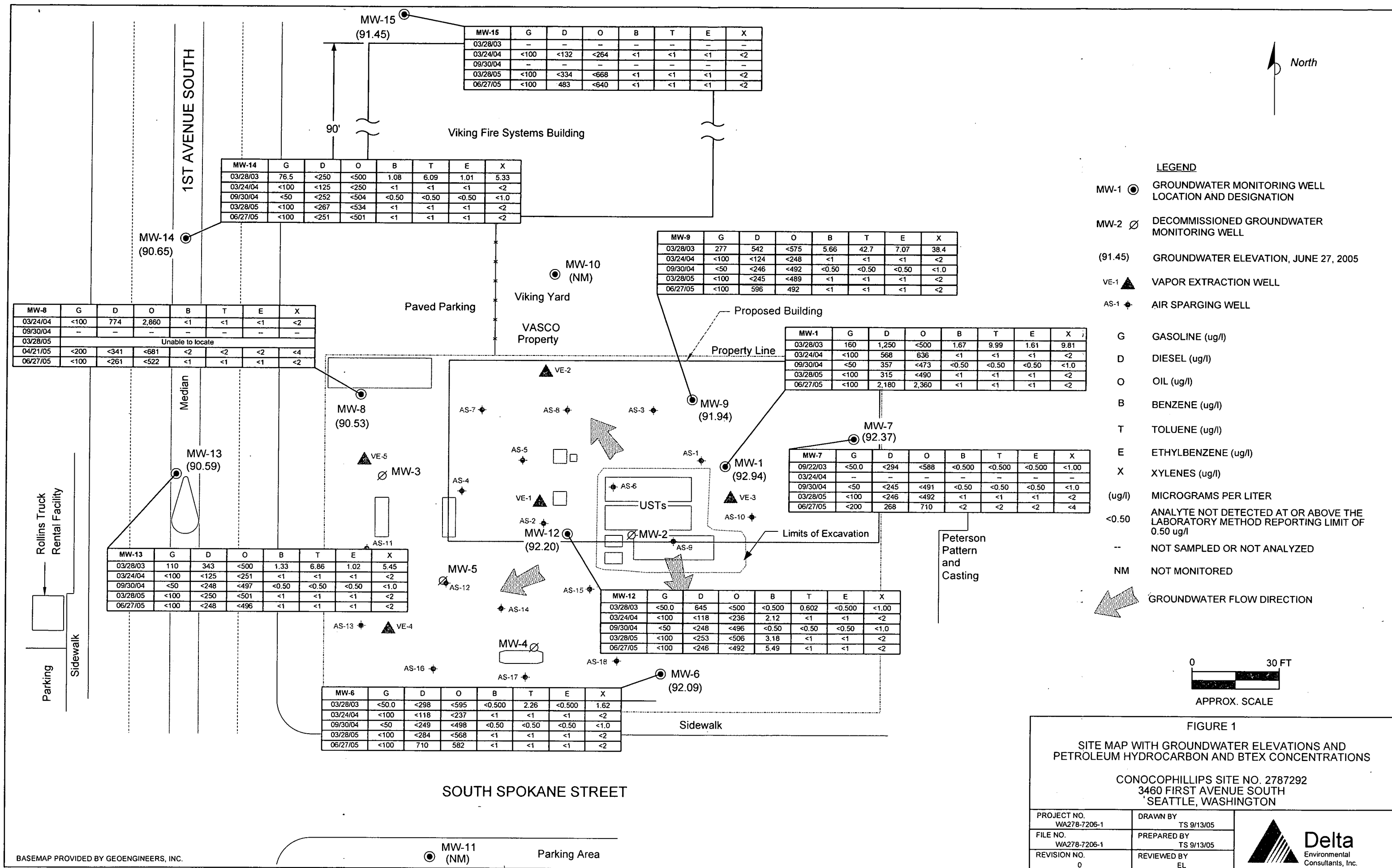
ConocoPhillips Site No. 2787292
3460 First Avenue S.
Seattle, Washington

Sample I.D. TOC	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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MW-15	06/24/98	74.0	477	<750	14.1	1.03	0.566	1.72	--	6.52	--	92.77
99.29	09/18/98	<50.0	646	<750	10.5	0.676	<0.500	2.32	--	7.06	--	92.23
	12/14/98	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	5.78	--	93.51
	03/26/99	59.8	344	<750	2.86	1.90	1.93	3.28	--	5.42	--	93.87
	06/23/99	<50.0	<250	<750	0.672	<0.500	<0.500	<1.00	--	6.15	--	93.14
	09/23/99	<50.0	1,240	<750	1.44	<0.500	<0.500	1.57	--	6.90	--	92.39
	12/06/99	<50.0	<250	<750	0.951	<0.500	<0.500	1.01	--	5.95	--	93.34
	03/13/00	<50.0	<455	<1,330	5.81	<0.500	1.05	3.77	--	5.74	--	93.55
	06/28/00	973	<250	<750	1,670	<5.00	256	37.0	--	6.41	--	92.88
	09/13/00	<50.0	633	<750	<0.500	<0.500	<0.500	<1.00	--	7.05	--	92.24
	03/27/01	<50.0	343	<750	0.522	0.524	0.598	2.08	--	6.30	--	92.99
	06/22/01	<50.0	588	1,640	<0.500	<0.500	<0.500	<1.00	--	6.46	--	92.83
	09/19/01	<50.0	497	<500	<0.500	0.556	1.19	3.17	--	6.90	--	92.39
	12/26/01	<50.0	578	<500	0.713	1.48	0.522	2.50	--	5.68	--	93.61
	03/15/02	Obstructed							--	--	--	--
	09/27/02	--	--	--	--	--	--	--	--	NM	--	--
	03/28/03	--	--	--	--	--	--	--	--	NM	--	--
	09/22/03	--	--	--	--	--	--	--	--	NM	--	--
	03/24/04	<100	<132	<264	<1	<1	<1	<2	3.2	6.02	0.00	93.27
	09/30/04	--	--	--	--	--	--	--	0.9	9.08	0.00	90.21
	03/28/05	<100	<334	<668	<1	<1	<1	<2	0.8	7.45	0.00	91.84
	06/27/05	<100	483	<640	<1	<1	<1	<2	2.0	7.84	0.00	91.45

TABLE 1
ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS

ConocoPhillips Site No. 2787292
3460 First Avenue S.
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)	DO (mg/l)	DTW (feet)	SPH (feet)	GWE (feet)
MTCA Method A Cleanup Levels:		800⁴	500	500	5	1000	700	1000	-	-	-	-
Notes: µg/l = micrograms per liter TOC = Top of casing elevation, provided by previous consultants DO = Dissolved oxygen, 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 Dissolved Lead by EPA Method 7421 * Estimated SPH thickness based on previous consultant data; actual values were not reported by previous consultant. ¹ Well was not purged prior to sample collection. ² Well MW-8 was not located during the March 28, 2005 monitoring event. Delta returned to the site on April 21, 2005, and located and monitored the well for first quarter of 2005. ³ Laboratory indicates that the result does not appear to be "typical" product. ⁴ MTCA Method A Cleanup Level for TPH-Gasoline is 1,000 µg/l if benzene is not detectable in groundwater.												

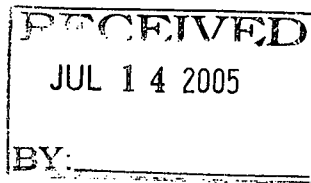


**LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY
DOCUMENTATION**

Quarterly Groundwater Sampling
ConocoPhillips Site No. 2787292



STL



STL Seattle
5755 8th Street East
Tacoma, WA 98424

Tel: 253 922 2310
Fax: 253 922 5047
www.stl-inc.com

TRANSMITTAL MEMORANDUM

DATE: July 13, 2005

TO: Eric Larsen
Delta Environmental
4006 148th Ave NE
Redmond, WA 98052

PROJECT: WA278-7206-1/2787292 Seattle

REPORT NUMBER: 128653

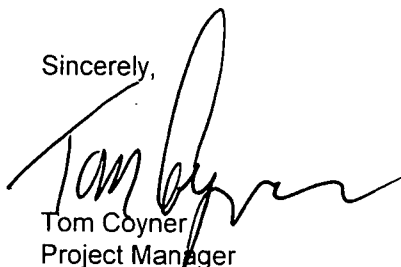
TOTAL NUMBER OF PAGES: 26

Enclosed are the test results for nine samples received at STL Seattle on June 29, 2005.

The report consists of this transmittal memo, analytical results, quality control reports, a copy of the chain-of-custody, a list of data qualifiers and analytical narrative when applicable, and a copy of any requested raw data.

Should there be any questions regarding this report, please contact me at (253) 922-2310.

Sincerely,



Tom Coyner
Project Manager

STL Seattle is a part of Severn Trent Laboratories, Inc.

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender immediately at 253-922-2310 and destroy this report immediately.

STL Seattle

Sample Identification:

<u>Lab. No.</u>	<u>Client ID</u>	<u>Date/Time Sampled</u>	<u>Matrix</u>
128653-1	MW-1	06-27-05 09:50	Liquid
128653-2	MW-6	06-27-05 11:15	Liquid
128653-3	MW-7	06-27-05 10:55	Liquid
128653-4	MW-8	06-27-05 11:10	Liquid
128653-5	MW-9	06-27-05 10:05	Liquid
128653-6	MW-12	06-27-05 09:35	Liquid
128653-7	MW-13	06-27-05 10:20	Liquid
128653-8	MW-14	06-27-05 10:45	Liquid
128653-9	MW-15	06-27-05 11:40	Liquid

STL Seattle is a part of Severn Trent Laboratories, Inc.

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender immediately at 253-922-2310 and destroy this report immediately.

00002

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-1
Lab ID:	128653-01
Date Received:	6/29/2005
Date Prepared:	7/7/2005
Date Analyzed:	7/8/2005
% Solids	-
Dilution Factor	1

GRO by NWTPH-Gx / Volatile Aromatics by 5030/8260B

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Trifluorotoluene	129		50	150
1-Chloro-3-fluorobenzene	109		80	120
Bromofluorobenzene	94.8		80	120
Pentafluorobenzene	115		81	126

Analyte	Result (mg/L)	RL	Flags
Gasoline By NWTPH-G	ND	0.1	
Benzene	ND	0.001	
Toluene	ND	0.001	
Ethylbenzene	ND	0.001	
m&p-Xylene	ND	0.002	
o-Xylene	ND	0.001	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-1
Lab ID:	128653-01
Date Received:	6/29/2005
Date Prepared:	6/30/2005
Date Analyzed:	7/1/2005
% Solids	-
Dilution Factor	1

Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
o-terphenyl	97.4		50	150

Analyte	Result (mg/L)	RL	Flags
#2 Diesel	2.18	0.255	X2
Motor Oil	2.36	0.509	X2

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-6
Lab ID:	128653-02
Date Received:	6/29/2005
Date Prepared:	7/7/2005
Date Analyzed:	7/8/2005
% Solids	-
Dilution Factor	1

GRO by NWTPH-Gx / Volatile Aromatics by 5030/8260B

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Trifluorotoluene	127		50	150
1-Chloro-3-fluorobenzene	107		80	120
Bromofluorobenzene	92.6		80	120
Pentafluorobenzene	112		81	126

Analyte	Result (mg/L)	RL	Flags
Gasoline By NWTPH-G	ND	0.1	
Benzene	ND	0.001	
Toluene	ND	0.001	
Ethylbenzene	ND	0.001	
m&p-Xylene	ND	0.002	
o-Xylene	ND	0.001	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-6
Lab ID:	128653-02
Date Received:	6/29/2005
Date Prepared:	6/30/2005
Date Analyzed:	7/1/2005
% Solids	-
Dilution Factor	1

Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
o-terphenyl	56.5		50	150

Analyte	Result (mg/L)	RL	Flags
#2 Diesel	0.71	0.266	X2
Motor Oil	0.582	0.532	X2

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-7
Lab ID:	128653-03
Date Received:	6/29/2005
Date Prepared:	7/7/2005
Date Analyzed:	7/8/2005
% Solids	-
Dilution Factor	2

GRO by NWTPH-Gx / Volatile Aromatics by 5030/8260B

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Trifluorotoluene	130		50	150
1-Chloro-3-fluorobenzene	107		80	120
Bromofluorobenzene	92.5		80	120
Pentafluorobenzene	113		81	126

Analyte	Result (mg/L)	RL	Flags
Gasoline By NWTPH-G	ND	0.2	
Benzene	ND	0.002	
Toluene	ND	0.002	
Ethylbenzene	ND	0.002	
m&p-Xylene	ND	0.004	
o-Xylene	ND	0.002	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-7
Lab ID:	128653-03
Date Received:	6/29/2005
Date Prepared:	6/30/2005
Date Analyzed:	7/1/2005
% Solids	-
Dilution Factor	1

Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
o-terphenyl	67		50	150

Analyte	Result (mg/L)	RL	Flags
#2 Diesel	0.268	0.252	X2
Motor Oil	0.71	0.504	X2

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-8
Lab ID:	128653-04
Date Received:	6/29/2005
Date Prepared:	7/7/2005
Date Analyzed:	7/8/2005
% Solids	-
Dilution Factor	1

GRO by NWTPH-Gx / Volatile Aromatics by 5030/8260B

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Trifluorotoluene	123		50	150
1-Chloro-3-fluorobenzene	102		80	120
Bromofluorobenzene	88.6		80	120
Pentafluorobenzene	108		81	126

Analyte	Result (mg/L)	RL	Flags
Gasoline By NWTPH-G	ND	0.1	
Benzene	ND	0.001	
Toluene	ND	0.001	
Ethylbenzene	ND	0.001	
m&p-Xylene	ND	0.002	
o-Xylene	ND	0.001	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-8
Lab ID:	128653-04
Date Received:	6/29/2005
Date Prepared:	6/30/2005
Date Analyzed:	7/1/2005
% Solids	-
Dilution Factor	1

Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
o-terphenyl	44.4	X9	50	150

Analyte	Result (mg/L)	RL	Flags
#2 Diesel	ND	0.261	
Motor Oil	ND	0.522	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-9
Lab ID:	128653-05
Date Received:	6/29/2005
Date Prepared:	7/7/2005
Date Analyzed:	7/8/2005
% Solids	-
Dilution Factor	1

GRO by NWTPH-Gx / Volatile Aromatics by 5030/8260B

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Trifluorotoluene	124		50	150
1-Chloro-3-fluorobenzene	102		80	120
Bromofluorobenzene	89.2		80	120
Pentafluorobenzene	108		81	126

Analyte	Result (mg/L)	RL	Flags
Gasoline By NWTPH-G	ND	0.1	
Benzene	ND	0.001	
Toluene	ND	0.001	
Ethylbenzene	ND	0.001	
m&p-Xylene	ND	0.002	
o-Xylene	ND	0.001	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-9
Lab ID:	128653-05
Date Received:	6/29/2005
Date Prepared:	6/30/2005
Date Analyzed:	7/1/2005
% Solids	-
Dilution Factor	1

Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
o-terphenyl	85.5		50	150

Analyte	Result (mg/L)	RL	Flags
#2 Diesel	0.596	0.246	X2
Motor Oil	0.492	0.491	X2

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-12
Lab ID:	128653-06
Date Received:	8/29/2005
Date Prepared:	7/7/2005
Date Analyzed:	7/8/2005
% Solids	-
Dilution Factor	1

GRO by NWTPH-Gx / Volatile Aromatics by 5030/8260B

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Trifluorotoluene	126		50	150
1-Chloro-3-fluorobenzene	104		80	120
Bromofluorobenzene	90.5		80	120
Pentafluorobenzene	111		81	126

Analyte	Result (mg/L)	RL	Flags
Gasoline By NWTPH-G	ND	0.1	
Benzene	0.00549	0.001	
Toluene	ND	0.001	
Ethylbenzene	ND	0.001	
m&p-Xylene	ND	0.002	
o-Xylene	ND	0.001	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-12
Lab ID:	128653-06
Date Received:	6/29/2005
Date Prepared:	6/30/2005
Date Analyzed:	7/1/2005
% Solids	-
Dilution Factor	1

Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
o-terphenyl	53.8		50	150

Analyte	Result (mg/L)	RL	Flags
#2 Diesel	ND	0.246	
Motor Oil	ND	0.492	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-13
Lab ID:	128653-07
Date Received:	6/29/2005
Date Prepared:	7/7/2005
Date Analyzed:	7/8/2005
% Solids	-
Dilution Factor	1

GRO by NWTPH-Gx / Volatile Aromatics by 5030/8260B

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Trifluorotoluene	123		50	150
1-Chloro-3-fluorobenzene	102		80	120
Bromofluorobenzene	89		80	120
Pentafluorobenzene	107		81	126

Analyte	Result (mg/L)	RL	Flags
Gasoline By NWTPH-G	ND	0.1	
Benzene	ND	0.001	
Toluene	ND	0.001	
Ethylbenzene	ND	0.001	
m&p-Xylene	ND	0.002	
o-Xylene	ND	0.001	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-13
Lab ID:	128653-07
Date Received:	6/29/2005
Date Prepared:	6/30/2005
Date Analyzed:	7/1/2005
% Solids	-
Dilution Factor	1

Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
o-terphenyl	45.4	X9	50	150

Analyte	Result (mg/L)	RL	Flags
#2 Diesel	ND	0.248	
Motor Oil	ND	0.496	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-14
Lab ID:	128653-08
Date Received:	6/29/2005
Date Prepared:	7/7/2005
Date Analyzed:	7/8/2005
% Solids	-
Dilution Factor	1

GRO by NWTPH-Gx / Volatile Aromatics by 5030/8260B

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Trifluorotoluene	128		50	150
1-Chloro-3-fluorobenzene	107		80	120
Bromofluorobenzene	91.9		80	120
Pentafluorobenzene	112		81	126

Analyte	Result (mg/L)	RL	Flags
Gasoline By NWTPH-G	ND	0.1	
Benzene	ND	0.001	
Toluene	ND	0.001	
Ethylbenzene	ND	0.001	
m&p-Xylene	ND	0.002	
o-Xylene	ND	0.001	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-14
Lab ID:	128653-08
Date Received:	6/29/2005
Date Prepared:	6/30/2005
Date Analyzed:	7/1/2005
% Solids	-
Dilution Factor	1

Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
o-terphenyl	99.9		50	150

Analyte	Result (mg/L)	RL	Flags
#2 Diesel	ND	0.251	
Motor Oil	ND	0.501	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-15
Lab ID:	128653-09
Date Received:	6/29/2005
Date Prepared:	7/7/2005
Date Analyzed:	7/8/2005
% Solids	-
Dilution Factor	1

GRO by NWTPH-Gx / Volatile Aromatics by 5030/8260B

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Trifluorotoluene	126		50	150
1-Chloro-3-fluorobenzene	105		80	120
Bromofluorobenzene	89.4		80	120
Pentafluorobenzene	114		81	126

Analyte	Result (mg/L)	RL	Flags
Gasoline By NWTPH-G	ND	0.1	
Benzene	ND	0.001	
Toluene	ND	0.001	
Ethylbenzene	ND	0.001	
m&p-Xylene	ND	0.002	
o-Xylene	ND	0.001	

STL Seattle

Client Name:	Delta Environmental
Client ID:	MW-15
Lab ID:	128653-09
Date Received:	6/29/2005
Date Prepared:	6/30/2005
Date Analyzed:	7/1/2005
% Solids	-
Dilution Factor	1

Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
o-terphenyl	68.6		50	150

Analyte	Result (mg/L)	RL	Flags
#2 Diesel	0.483	0.32	
Motor Oil	ND	0.64	

STL Seattle

Lab ID:	Method Blank - GB5213
Date Received:	-
Date Prepared:	7/7/2005
Date Analyzed:	7/8/2005
% Solids	-
Dilution Factor	1

GRO by NWTPH-Gx / Volatile Aromatics by 5030/8260B

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Trifluorotoluene	109		50	150
1-Chloro-3-fluorobenzene	92		80	120
Bromofluorobenzene	80.9		80	120
Pentafluorobenzene	96.6		81	126

Analyte	Result (mg/L)	RL	Flags
Gasoline By NWTPH-G	ND	0.1	
Benzene	ND	0.001	
Toluene	ND	0.001	
Ethylbenzene	ND	0.001	
m&p-Xylene	ND	0.002	
o-Xylene	ND	0.001	

STL Seattle

Blank Spike/Blank Spike Duplicate Report

Lab ID:	GB5213
Date Prepared:	7/7/2005
Date Analyzed:	7/8/2005
QC Batch ID:	GB5213

GRO by NWTPH-Gx / Volatile Aromatics by 5030/8260B

Compound Name	Blank Result (mg/L)	Spike Amount (mg/L)	BS Result (mg/L)	BS % Rec.	BSD Result (mg/L)	BSD % Rec.	RPD	Flag
Gasoline By NWTPH-G	0	1.25	1.11	89	1.14	91.5	2.8	
Benzene	0	0.025	0.0273	109	0.028	112	2.7	
Toluene	0	0.025	0.0237	94.8	0.0242	96.9	2.2	
Ethylbenzene	0	0.025	0.0217	86.9	0.0227	90.7	4.3	
m&p-Xylene	0	0.05	0.0435	87	0.0445	89	2.3	
o-Xylene	0	0.025	0.021	83.8	0.0211	84.6	0.95	

STL Seattle

Lab ID:	Method Blank - DW0794
Date Received:	-
Date Prepared:	6/30/2005
Date Analyzed:	7/1/2005
% Solids	-
Dilution Factor	1

Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
o-terphenyl	63.9		50	150

Analyte	Result (mg/L)	RL	Flags
#2 Diesel	ND	0.25	
Motor Oil	ND	0.5	

STL Seattle

Blank Spike/Blank Spike Duplicate Report

Lab ID:	DW0794
Date Prepared:	6/30/2005
Date Analyzed:	7/1/2005
QC Batch ID:	DW0794

Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

Compound Name	Blank Result (mg/L)	Spike Amount (mg/L)	BS Result (mg/L)	BS % Rec.	BSD Result (mg/L)	BSD % Rec.	RPD	Flag
#2 Diesel	0	5	4.79	95.9	4.73	94.7	-1.3	
Motor Oil	0	5	4.54	90.9	5.04	101	11	

DATA QUALIFIERS AND ABBREVIATIONS

- B1: This analyte was detected in the associated method blank. The analyte concentration was determined not to be significantly higher than the associated method blank (less than ten times the concentration reported in the blank).
- B2: This analyte was detected in the associated method blank. The analyte concentration in the sample was determined to be significantly higher than the method blank (greater than ten times the concentration reported in the blank).
- C1: Second column confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be < 40%.
- C2: Second column confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be > 40%. The higher result was reported unless anomalies were noted.
- C3: Second analysis confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be ≤ 30%.
- C4: Second analysis confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be > 30%. The original analysis was reported unless anomalies were noted.
- M: GC/MS confirmation was performed. The result derived from the original analysis was reported.
- D: The reported result for this analyte was calculated based on a secondary dilution factor.
- E: The concentration of this analyte exceeded the instrument calibration range and should be considered an estimated quantity.
- J: The analyte was analyzed for and positively identified, but the associated numerical value is an estimated quantity.
- MCL: Maximum Contaminant Level
- MDL: Method Detection Limit
- RL: Reporting Limit
- N: See analytical narrative
- ND: Not Detected
- X1: Contaminant does not appear to be "typical" product. Elution pattern suggests it may be _____.
- X2: Contaminant does not appear to be "typical" product.
- X3: Identification and quantitation of the analyte or surrogate was complicated by matrix interference.
- X4: RPD for duplicates was outside advisory QC limits. The sample was re-analyzed with similar results. The sample matrix may be nonhomogeneous.
- X4a: RPD for duplicates outside advisory QC limits due to analyte concentration near the method practical quantitation limit/detection limit.
- X5: Matrix spike recovery was not determined due to the required dilution.
- X6: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Sample was re-analyzed with similar results.
- X7: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Matrix interference may be indicated based on acceptable blank spike recovery and/or RPD.
- X7a: Recovery and/or RPD values for this spiked analyte outside advisory QC limits due to high concentration of the analyte in the original sample.
- X8: Surrogate recovery was not determined due to the required dilution.
- X9: Surrogate recovery outside advisory QC limits due to matrix interference.

GROUNDWATER SAMPLING PROCEDURES AND FIELD SHEETS

Quarterly Groundwater Sampling
ConocoPhillips Site No. 2787292

GROUNDWATER MONITORING AND SAMPLING

Before the sampling event, Delta measured depth to water in each groundwater monitoring well at the facility with an electronic water level meter. This information was recorded on waterproof field sheets. Groundwater elevations (GWE) were measured to an accuracy of 0.01 feet. Wells were sampled after purging three casing volumes of water from the well (or until dry). After the well had recharged to approximately 80% of static level, samples were collected using a disposable polyethylene bailer and placed in the appropriate laboratory-provided container. Samples were labeled, placed into ice filled coolers, logged onto chain-of-custody forms and transported to the laboratory.

GROUNDWATER SAMPLING FIELD SHEET

DELTA PROJECT NUMBER: WA278-7206-1

CLIENT: COP

SITE No./JOB No.: 2787292 Seattle

PAGE / of /

SITE ADDRESS/LOCATION: 1st Ave S, Seattle

DATE: 6-27-05

FIELD PERSONNEL: Laura Brock, Chris Milewski

WEATHER: rainy, cloudy - 60's

[illegible]

System Instructions:

Remedial System On-Site (Y/N)?

Comments:**Operational Upon Arrival (Y/N)?**

Comments:

Shut Down System 1 / 24 hours before gauging (Y/N)?

Time/Date Downed:

Re-Start System (Y/N)?

Time/Date Restarted:

Purge Method:

Comments:**Purge Water Disposal Method:**

☒ Treated through mobile carbon treatment unit and discharged on-site

☐ Placed in drums on site

No. of drums:

☐ Transported off-site for treatment

Facility/Location:

Measuring Device(s): I/F Probe